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REFERENCE SHELF

National Data Book and Guide to Sources

# STATISTICAL ABSTRACT OF THE

UNITED STATES

1988

108th Edition

U.S. Department of Commerce

BUREAU OF THE CENSUS

NORTHEAST South East North Central MS Alabama MIDWEST West South Central West North Central TX NOTH DAM Conforado Mountain WEST AZ Pacific CA Map of the U.S., Showing Census Divisions and Regions Figure 1.

## **FEATURES**

Weights and measures p. xiv

Guide to tabular presentation p. xv

Selected State rankings p. xvii

Telephone contacts p. xxvii

Explanations and source references In each section

> Source notes Below each table

Guide to sources of statistics p. 828

Guide to State

statistical abstracts p. 866

Guide to foreign statistical abstracts *p. 870*Metropolitan area

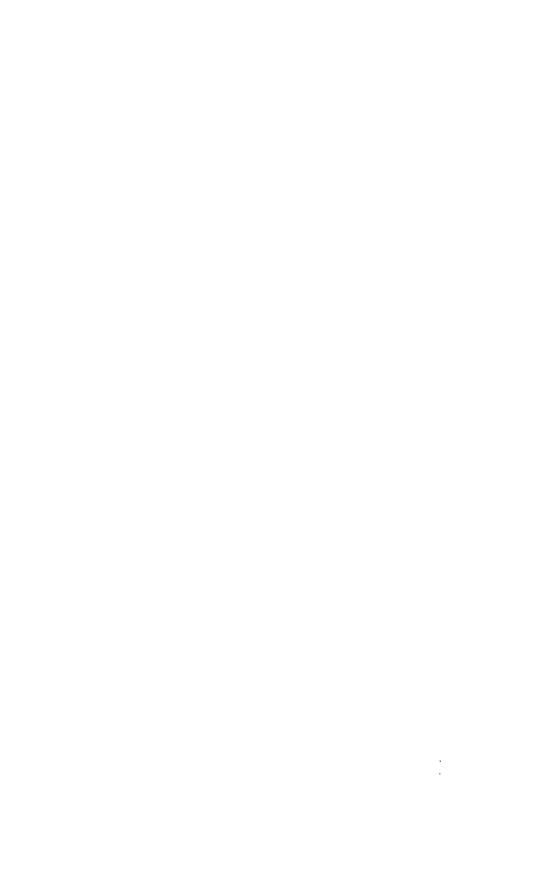
concepts and components p. 872

Reliability of data p. 882

Index to State data p. 900

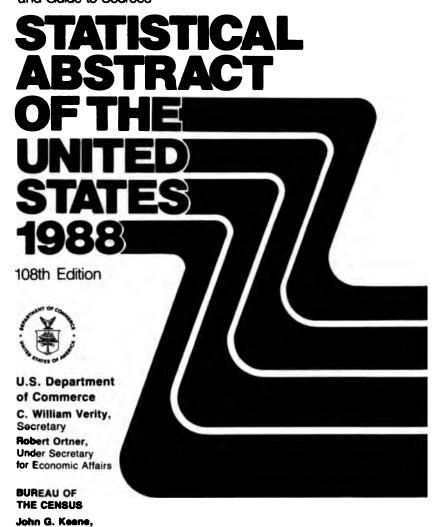
Index by subject p. 902

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National Data Book and Guide to Sources

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108th Annual Edition

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December 1987

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#### **Preface**

The Statistical Abstract of the United States, published since 1878, is the standard summary of statistics on the social, political, and economic organization of the United States. It is designed to serve as a convenient volume for statistical reference and as a guide to other statistical publications and sources. The latter function is served by the introductory text to each section, the source note appearing below each table, and Appendix I, which comprises the Guide to Sources of Statistics, the Guide to State Statistical Abstracts and the Guide to Foreign Statistical Abstracts.

This volume includes a selection of data from many statistical publications, both governmental and private. Publications cited as sources usually contain additional statistical detail and more comprehensive discussions of definitions and concepts than can be presented here. Data not available in publications issued by the contributing agency but obtained from unpublished records are identified in the source notes as "unpublished data." More information on the subjects covered in tables so noted may generally be obtained from the source.

Except as indicated, figures are for the United States as presently constituted. Although emphasis in the Statistical Abstract is given primarily to national data, many tables present data for regions and individual States and a smaller number for metropolitan areas and cities. Appendix II, Metropolitan Area Concepts and Components, presents explanatory text, a complete current listing and population data for metropolitan statistical areas (MSA's) the primary metropolitan statistical areas (PMSA's), and the consolidated metropolitan statistical areas (CMSA's). Table 34 in section 1 presents selected population characteristics for MSA's with population of 250,000 or more. Statistics for the Commonwealth of Puerto Rico and for outlying areas of the United States are included in many State tables and are supplemented by information in section 30. Additional information for States, cities, counties, metropolitan areas, and other small units, as well as more historical data, are available in various supplements to the Abstract (see inside back cover).

USA Statistics in Brief, 1988, the pocket-size loose insert in front of the book, is available separately. Price information can be obtained from, and orders sent to, U.S. Bureau of the Census, Customer Services, Washington, DC 20233. A 25 percent discount will be allowed on orders of 100 copies or more sent to the same address.

Changes in this edition.—Long-time users may recall the inclusion of a user questionnaire in the 1984 edition of the Abstract. By the spring of 1986, 2,733 responses had been received and analyzed (representing a response rate of 8.0%). This edition reflects many changes incorporated as a result of the respondents' valuable feedback. We hope you find them useful and we thank you for your participation.

Several sections have been expanded based on the fact they ranked high in user use and/or interest, but relatively low in the amount of tabular material presented. These include the sections on Vital Statistics, Prices, and Business Enterprise. Conversely, several sections have been reduced in the amount of tabular material presented because of the opposite relationship between user use and data presentation. Among these are Geography, Governments, Social Insurance, Transportation, Agriculture, and Mining. Finally two sections, Forests and Fisheries, have been combined.

Users' open-ended comments indicated many areas for which they would like to have new or expanded coverage. As a result, many new tables have been introduced. Among them are several tables on the elderly, from the 1984 Supplement on Aging to the National Health Interview Survey; new national and State population projections; and 1986 election results for the U.S. House of Representatives, by congressional district. In addition, a new table presents data on worklife indices. Finally, users expressed interest in international data. We have consequently expanded our Guide to Sources appendix to include a listing of selected foreign statistical abstracts and added several new tables to the Comparative International Statistics section.

vi Preface

Statistics in this edition are generally for the most recent year or period available by Octi 1987. Each year almost 1,500 tables and charts are reviewed and evaluated; new tables and chord current interest are added, continuing series are updated, and less timely data are condense eliminated. Text notes and appendixes are revised as appropriate.

In all, there are 100 new tables, distributed among 19 of the 31 sections. In addition, gra charts have been revised or updated and many sections have undergone tabular rearranger and format changes designed to improve the organization of subject matter. Of the tables incluin the 1987 edition, 150 were omitted from this issue. The omissions represent primarily tables which comparable details appear in other tables or for which no recent data are available, or ta for which the subject matter shown was considered relatively less important in the light of space required for presentation.

Among the new tables relating to people and their concerns are:

State population projections, by age, T. 29
The elderly—contacts with children, by age
group and living arrangement, T. 42
Low birth weight and births to teenage mothers and unmarried women, T. 89

AIDS cases reported, by patient characteristic, T. 170

Personal health practices, T. 178

Characteristics of private elementary and ondary schools and teachers, T. 224
Crimes against the elderly, T. 272
Participation in sports activities, T. 374
Child care arrangements of employed mothers, T. 596
Work schedules, by sex, industry, and o pation, T. 615

Government and economic activities are reflected in new tables on:

Financial support of the arts by private business, T. 384

Votes cast for U.S. representatives, by congressional district, T. 402

Political action committees, T. 426

Disposable personal income per capita, T. 680

Per capita money income for the 50 largest cities, T. 709

Fixed-weight price indices, T. 733
Financial summary of savings institutions
785

Mortgage delinquency, foreclosure rates, mortgage insurance, T. 794 Minority-owned business firms, T. 840

U.S. parent companies and foreign affilial T. 869

Residential energy expenditures, T. 915

Historical statistics.—Specific headnote references in this Abstract link many tables to ex data shown in Historical Statistics of the United States, Colonial Times to 1970. (See Appendit pp. 898 and 899.)

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and M may also be found in the *State and Metropolitan Area Data Book, 1986*. For cross-references Appendix V, pages 900 and 901.

Statistical reliability and responsibility.—The contents of this volume were taken from a sources. All data from either censuses and surveys or from administrative records are subjective arror arising from a number of factors: Sampling variability (for statistics based on samples), reling errors in the data for individual units, incomplete coverage, nonresponse, imputations, and essing error. (See also Appendix III, pp. 882–897.) The Bureau of the Census cannot accept responsibility for the accuracy or limitations of the data presented here, other than for those it collects. The responsibility for selection of the material and for proper presentation, how rests with the Bureau.

For additional information on data presented.—Please consult the source publications able in local libraries or write to the agencies indicated in the source notes. Write to the Burn the Census only if it is cited as the source.

Suggestions and comments.—Users of the Statistical Abstract and its supplements (see back cover) are urged to make their data needs known for consideration in planning future of Suggestions and comments for improving coverage and presentation of data should be sent Director, U.S. Bureau of the Census, Washington, DC 20233.

## **Contents**

#### [Numbers following subjects are page numbers]

Guide to tabular presentation		
Telephone contacts	••••••	
Sec. 1. POPULATION		Charles and a second of the se
Figs. 1.1, 1.2. Components of population	n cha	nge; State population—percent change
Population and area, U.S. population living abroad	8	Metropolitan areas, cities Characteristics, by racial group and
Center of population; components of		Hispanic origin
change	9	Nativity, foreign-born population
mmigrants	11	Marital status
Projections	15	Households and families
Race, sex, age	16	Institutional population
States10	3, 19	Religious bodies; church activity
Sec. 2. VITAL STATISTICS	eth re	tes by cause
/ital statistics, summary	59	Life expectancy
Births, rates, fertility	59	Deaths, rates, causes
egal abortions	68	Marriages and divorces
Sec. 3. HEALTH AND NUTRITION Figs. 3.1, 3.2. National health expenditu	res; li	ndexes of medical care prices
lealth expenditures	88	Food consumption, nutrition
lealth insurance coverage	92	Functional limitations of persons 65 yrs.
Aalpractice insurance	98	and over
lospitals, nursing homes	97	Personal health practices
Nursing home residents	103	Drug, alcohol, cigarette use
AIDS cases reported	107	
Sec. 4. EDUCATION		
School expenditures	119	School dropouts and graduates
School enrollment	122	Higher education: Enrollment
School years completed	125	Freshmen enrollment in remedial courses
eachers, employment, salaries	130	College: Major field of study
Public school finances	132	Higher education: Finances
Media centers; use of computers	134	Degrees conferred
	135	Computer use in Public library systems
Programs for the handicapped	133	Computer use in rubiic library systems

viii Contents

Sec. 5. LAW ENFORCEMENT, COURTS, A Figs. 5.1, 5.2. Crime rates; Prisoner pop		RISONS
Crimes and crime rates	158	Lawyers
Homicides; rape; robbery	160	Supreme Court, U.S. appeals and district
Victimization rates	162	courts
Child abuse: maltreatment	164	Drug violations
Law enforcement	165	Juveniles in custody; jails
Crime prevention; security measures	166	Correctional institutions, inmates
Officers killed; aliens expelled	167	Prisoners executed
State and local police protection	169	Fires and property lost
Land and water areas	184	Hazardous waste; solid waste
Land: Utilization, ownership, Federal	185	Pesticides; endangered species
Nonfederal land use	186	Pollution abatement: environmental
Elevations	188	control outlays
Rivers	189	Temperature: Average, high, low
Water use and quality	190	Precipitation
Air quality	192	Heating and cooling degree days
The quality	102	ricating and occurry dogree days
Sec. 7. PARKS, RECREATION, AND TRA Fig. 7.1. Personal consumption expend Fig. 7.2. Participation in 10 most popula	litures i	for recreationt activities
National parks, forests	210	Selected recreational activities
State recreation areas; expenditures	213	Gardening, fishing, and hunting
Consumer expenditures; sporting goods	214	Performing arts
Records and tapes; consumer		Foreign travel
electronics	217	Nonimmigrants admitted
Spectator sports	218	Travel; travel expenditures
Sec. 8. ELECTIONS	nt	ctions
Vote for President	233	Black, Hispanic, and women elected
Vote for Senators	235	officials
Vote for Representatives	236	Voter participation and voting-age
Congress: Characteristics	242	population
Vote for Governors	245	Campaign finances
Composition of State legislatures	246	
Sec. 9. STATE AND LOCAL GOVERNMEN	NT FIN	ANCES AND EMPLOYMENT
Governmental units	256	Minimum drinking ages
Revenue and expenditures	258	
Federal aid		Local governments: number, type
	260	Local governments; number, type
	260 262	County, government finances
State and local finances	262	County, government finances
		County, government finances

	Cont	tents	ix
FEDERAL GOVERNMENT FINAN	CES A	ND EMPLOYMENT	288 288
10.2. Federal budget surplus or de	ficit		290
eceipts, outlays, debt	291	Individual income tax summary	303
ids	295	Average tax; itemized deductions	304
anditures	296	Federal employment and payrolls	307
securities	296	Federal land and buildings	311
ms	302	receia iana ana bakanys	311
NATIONAL DEFENSE AND VETE	ERANS	AFFAIRS	313
ense and veterans outlays	314	Military forces	322
procurement, employment	316	Military pay	325
contracts, payrolls	317	Desertion; military reserves, National	
ilitary expenditures	318	Guard	326
insfers, export market shares	319	Veterans, characteristics	327
sales and assistance	321	Veterans benefits	328
SOCIAL INSURANCE AND HUM. L 12.1, 12.2. Social welfare expend	AN SEI litures;	RVICES Social Security benefit payments	331 333
elfare expenditures	334	Workers' compensation	351
d noncash benefits	337	Work disability; vocational rehabilitation	352
surance programs	338	Public aid	353
ecurity (OASDHI) program	340	Federal food programs	355
plan and I.R.A. coverage	344	Adoptions, orphans, child care	356
mployee retirement plans	345	Child support and alimony	356
e; Medicaid	347	Volunteer work; charitable contributions	359
syment insurance	350	Foundations; corporate philanthropy	360
LABOR FORCE, EMPLOYMENT,	AND E	EARNINGS	361
indices	364	Displaced workers	383
nent status	365	Employees, hours, earnings—Industry	385
rce characteristics	367	Output indexes	390
on flexible schedules	370	Employee compensation	391
labor force	373	Employee benefits	397
ional projections	375	Collective bargaining settlements	396
projections	380	Occupational injury rates	400
yment	381	Labor union membership	401
14.1. Relation of GNP, national in	come, a	THand personal income.	403 404 406
ational product	410	Household income	422
income	411	Family income	427
I consumption expenditures	412	Per capita income	431
I income, saving and investment	414	Poverty status	433
onal economic indicators	419	Tangible wealth; wealthholders	438
onsumer expenditures	420	Family assets	440

x Contents

Sec. 15. PRICES		sumer price indexes
Figs. 15.1, 15.2. Producer price indexe	s; Cons	sumer pnce indexes
Charakasian massas of the dellar	444	Firmers and toward accommodity release
Purchasing power of the dollar	444	Export and import commodity prices
Major measures of price change	445	Food price indexes
Producer price indexes	447	Seafood prices; house prices
Consumer price indexes	450	Rent, fuel, and utility prices
Co. 40 BANKING FINANCE AND INCINE	D 4 1105	•
Fige 16.1 16.2 Interest rates: Consum	HANCE	dit and mortgage debt
rigs. 10.1, 10.2. Interest rates, Consum	101 C/O	at are moregage continuing
Banking, finance, and insurance	ı	Consumer credit, checking accounts
summary	464	Interest earning assets
Flow of funds accounts	467	Money stock
Public debt securities; financial		Money, market interest rates
institutions	470	
Banks; banking offices	471	Bonds and stocks
Commercial banks	472	Security prices; stock exchanges
Foreign lending of U.S. banks	475	Mutual funds; life insurance
Savings institutions	476	Property, automobile, and health insurance
Mortgage activity	479	insurance
Sec. 17. BUSINESS ENTERPRISE		et business formation and business failure
rigs. 17.1, 17.2. Corporate profits; Inde	XX OI NE	R DUSTIESS TOTTIBUOTI AND DUSTIESS TAILUTE
Business receipts and net income	496	Capital expenditures
Partnerships	498	Business cyclical indicators
Industrial and commercial failures	500	Corporate sales, assets, net income
Bankruptcy cases	501	Corporate profits
Minority-owned firms	502	
Mergers and acquisitions	504	Largest public companies
Corporate tax returns	505	Corporate philanthropy, patents and trademarks
Fixed private capital	508	
·		
Sec. 18. COMMUNICATIONS		
Postal service	520	Newspapers
Media utilization and audiences	523	Copyrights; advertising
Public broadcasting; cable TV	526	TV advertising expenditures
•		•
Sec. 19. ENERGY		
Figs. 19.1, 19.2. Energy production, co	nsump	tion, and imports; Fuel resources
Horsepower, fuels, electricity	534	Energy import and export trade
Energy production and consumption	535	Energy companies
Energy expenditures	537	Petroleum and coal; electric energy
Residential energy consumption and expenditures	539	Nuclear power; uranium
	538	Gas utilities
Commercial energy consumption and expenditures	541	Wood consumption; water power; solar
World energy consumption, production	543	energy
and the second s	1	
Sec. 20. SCIENCE	•••••	
Figs. 20.1, 20.2. Funds used for R&D	Scienti	ists and engineers
•		- -
R&D funds, outlays	557	Space program budget
Nobel prizes; R&D expenditures	561	NASA budget summary
Scientists and engineers	562	Space shuttle system expenditures

Contents	X
----------	---

ny. 21.11. DOI 1050C RIGHT WA		
port: Outlays; expenditures	569	Motor vehicle accidents; fatalities
syment, earnings; intercity traffic	570	Motorcycles; travel characteristics
ents; outlays	571	Household transportation; gasoline prices
rey finances	573	Motor carriers; bus lines
vehicles: Output, trade,		Trucking services
strations, sales	575	1
trations; drivers licenses	576	Railroads; railroad accidents
ational vehicles; recalls	578	Petroleum, natural gas pipelines
2. TRANSPORTATION—AIR AND	WATER	
gs. 22.1, 22.2. Domestic air carriers;	Airline	cost indexes
rrier finances	592	Aerospace industry
rrier operations summary	593	Waterborne commerce
ndexes; regional airlines	594	Merchant vessels, shipbuilding
viation summary	595	Tanker casualties; merchant fleets
3. AGRICULTURE	•••••	
igs. 23.1, 23.2. Farm income and exp	797 <b>5</b> 95;	Agricultural exports and imports
and fiber sector; farm population	607	Farm labor; productivity
; farm characteristics	606	Farm output indexes
on; foreign ownership of land	611	Foreign trade, foreign assistance
state values	612	Crop summaries
balance sheet	613	Principal crops
ncome, expenses	616	Vegetables; fruits and nuts
odity Credit Corporation	620	Red meats
mer expenditures for farm foods	621	Livestock; poultry
es of farm input; farm machinery	622	Dairying
24. FORESTS AND FISHERIES igs. 24.1, 24.2. Selected timber producatch	ucts; Fi	sheries—Quantity and value of domestic
nal forest lands and purchases	637	Quantity and value of catch; fishermen
r products, consumption	640	Disposition of catch, species
er production, consumption	642	Catch of principal species, by area
products; timber products—	- · <b>-</b>	Fishery products, fresh and processed
orts and imports	644	Imports; exports
25. MINING AND MINERAL PRODU	CTS	
al summary	652	Cement; potash; lead
ction and value, by type of mineral	654	Iron ore; gold and silver
gic and critical materials	659	Lead; copper; cobalt
ts and exports	660	
petroleum and refined products	662	Nickel; tin; tungsten; uranium
ore leasing	663	Zinc; bauxite; aluminum
al cas	665	Magnesium; platinum; titanium
and coke; world coal trade	668	Chromite; ferroalloys; beryllium

xii Contents

Sec. 26. CONSTRUCTION AND HOUSING		4. O 4. b b
Figs. 26.1, 26.2. Existing and new hous	ees sok	i; Recent home buyers
rig. 20.5. New Construction	••••••	
Construction industries	677	Occupied housing units
Price and cost indexes	678	Heating equipment; fuels
Value of new construction	678	Appliances; floor space
Construction contracts	681	Vacancy rates, residential property
New housing units	662	expenditures
Houses sold: mobile homes	685	Home buyers, mortgages
		Residential finance; public housing; office
Apartments; gross housing product	667	vacancy rates
Housing unit characteristics	688	Commercial buildings
Sec. 27. MANUFACTURESFigs. 27.1, 27.2. Manufactures summar	y; Capi	ital in manufacturing establishments
Gross national product originating	700	Exports and imports by industry
Manufactures—Summary	701	Beverage industry; alcohol
Summary, by industry	702	Tobacco; natural fibers
Summary, by State	708	Textiles, natural and manmade
Finances; capital in manufacturing;		Clothing; footwear; chemicals; rubber
shipments and inventories	710	Iron, steel; mill and foundry
Value of shipments, by industry	711	Steel; machine tools; electronics
Production indexes and capacity	712	Robotics
Capital expenditures; foreign direct investments in U.S	713	Electronic computing equipment industry.
Export related employment	714	Computer shipments and sales
Export related employment	/14	Home appliances
See 20 DOMESTIC TRADE AND REDVICE	·E0	
Figs. 26.1, 28.2. National income origin	nating in	n trade, services; Retail sales
Trade and services summary	732	Franchising
Retail trade	734	Wholesale trade
Merchandise line sales: commercial and		Service industries
institutional groups	739	Service il iodistries
Sec. 29. FOREIGN COMMERCE AND AID		
Figs. 29.1, 29.2. U.S. loreign aud; U.S. l	#TIGTTIAL	tional transaction balances
International transactions	756	Exports and imports, by country
International investments	758	Exports and imports, by commodity
Foreign assistance	762	groups
Exports and imports, indexes	768	Value of free and dutiable imports
Commodity exports and imports, by		·
major areas	769	
Sec. 30. OUTLYING AREAS		
Fig. 30.1. Selected outlying areas	••••••	
Population	781	Puerto Rico: Gross product; net income
Land area; vital statistics	783	Puerto Rico-Business, manufactures,
Puerto Rico: Population, education, labor		summary
force, income, banking	785	Guam, Virgin Islands, and Northern Mariana Islands: Economics

Contents	Xiii

		TISTICS	790 790
World summary Population and area Projections—Population, birth and death rates Urban population; vital statistics Largest urban areas Suicides; hospital and physician utilization Health expenditures and employment; illiteracy; education expenditures Gross national product Gross domestic product Food consumption Appliances, motor vehicles, waste water treatment Communications	793 793 798 800 601 803 804 805 806 807 608	Tax revenues Tax rates for Social Security programs; consumer price indexes	810 811 812 813 814 815 817 620 821 822 823 825
Guide to State statistical ab Guide to Foreign statistical APPENDIX II. Metropolitan area concepts Population of metropolitan a APPENDIX III. Statistical methodology and APPENDIX IV. Index to tables having Histo APPENDIX V. Index to tables having State	abstracts abstracts and co statistic I reliabi orical S and M	cts	826 866 872 872 875 882 896 900

#### **APPROXIMATE CONVERSIONS**

Customary			Metric	Metric			(
inches (in)	×	25,400	- millimeters	Millimeters (mm)	×	.039	- ind
Feet (ft)	Ŷ.		= meters	Meters (m)	x	3.261	
Yards (yd)	×		= meters	Meters (m)	×	1.094	- yen
Miles (mi)	×	1.609	= kilometers	Kilometers (km)	×	.621	- mik
Square inches (In <sup>2</sup> )	×	6.452	= sq centimeters	Sq centimeters (cm 2)	×	.155	- eq
Square feet (ft 2 )	×	.093	- sq meters	Square meters (m²)	×	10.764	
Square yards	×	.836	= eq meters	Square meters (m 2)	×	1.196	- sq :
(yd ² ) Acres	×	.405	= hectares	Hectares (ha)	×	2.471	- acr
Cubic feet (ft *)	â	.028	= cu meters	Cu meters (m * )	â		- 01
Cord (cd)	×	3.625	= cu meters	Liters (I)	×	1.057	= qui
Querts (Iq) (qt)	×		= liter	Cu meters (m s )	×	264.172	- gal
Ballons (gal) Dunces (avdp)	×	.004 28.350	= cu meters	Grams (g) Kilograms (kg)	×	.035 2.205	= OUF
(OZ)	^	20.350	= grams	ratogramie (rg)	^	2.200	- p.
Pounds (avdp) (lb)	×	.454	- kilograms	Kilowatts (kW)	×	1.341	= hor
Horsepower (hp)	×		- kilowatts	Degrees Celeius	×	9/5+32	= deg
Degrees Farenheit (-32)	×	5/9	- degrees Celeius				
			UNITS OF L	ENGTH AND AREA			
Customary			Metric	Metric			
Inch (in)			= 25.400 millimeters	Millimeter (mm)	_	.001 meter	
Foot (ft) Yard (yd)	=		= .305 meter = .914 meter	Centimeter (cm) Decimeter (dm)	=	.01 meter	
Mile (mi)	_		= 1.609 kilometers	Meter (m)	-	. I meter	- 3.2
in <sup>s</sup> (sa in)			= 6.452 cm <sup>s</sup>		_	1,000 meters	= .62
Ft <sup>2</sup> (eq ft)	-		= .093 m <sup>s</sup>	Kilometer (km) Sq millimeter (mm <sup>2</sup> )	-	.000001 m <sup>a</sup>	00
Yd <sup>s</sup> (sq yd)	-	1,296 sq in or 9 sq ft	= .836 m <sup>2</sup>	Sq centimeter (cm <sup>2</sup> ) Sq decimeter (dm <sup>2</sup> )	=	.0001 m² an 100.	
Acre	_	43,580 sq ft	= .405 ha	Sq meter (m²)	_	.01 111	= 10.
Mile <sup>2</sup> (sq mi)	-	640 acres	= 2.590 km <sup>s</sup>	Hectare (ha) So kilometer (km * )	=	10,000 m <sup>2</sup> 1,000,000 m <sup>2</sup>	
				od knomena (km - )		1,000,000 m <sup>-</sup>	= .50
			UNITS OF W	/EIGHT (OR MASS)			
Customary			Metric	Metric			
		Avoirdupois <sup>1</sup>					
Grain		407.6	= .065 gram	Gram (g)			= .03
Ounce (oz avdo)	=	or 16 drams	= 28.350 grams	Dekagram (deg)	_	10.0	or .03 36
Pound (lb	_		= .454 kilogram	countries (ont)	-	.0 9	or .32
avdp)		or 16 ounces	•	Hectogram (hg)	-	10g <b>—</b>	3.527
Hundredweight (cwt)	-	100 pounds	= 45.359 kg				or 3.2
Ton, short (tn)	-	2.000 pounds	= .907 metric ton				
_		-		Manner (be)		1 000 -	
Ton, long	-	2,240 pounds Troy <sup>a</sup>	= 1.016 metric tons	Kilogram (kg)	-	1,000 g	or 2.6
Ounce (oz troy) a	=		= 31.104 grams	Metric ton	=	1,000 kg	
Pound (to troy)	=	5,780 grains or 12 ounces	= .373 kilogram				or .90
			UNITS	OF CAPACITY			
Customary			Metric	Customary		· · · · · · · · · · · · · · · · · · ·	
				Continue			
		Liquid				Dry	
Fluid ounce (fi oz)			= 29.574 mL	Pint (pt)			
Pint (pt)		16 fl oz	= .473 liter	Quart (qt)	-	2 pints	
Quart (qt) Gallon (gal)	-30	2 flozor 2 pt 6 ptor 4 at	= .945 Wer = 3.785 Wers	Peck (pk) Bushel (bu)	=	8 querts 32 querts	:
	Met			Customary	_	4	-
		<del></del>					
		Milliter (mL) Liter (L)	= .001 liter	= .034 fl cz (liquid) = 1.067 at (liquid)	-	.002 pt (dry)	

The following symbols used in the tables throughout this book, are explained in condensed form in footnotes to the tables where they appear:

- Represents zero or rounds to less than half the unit of measurement shown.
- B Base figure too small to meet statistical standards for reliability of derived figure.
- Figure withheld to avoid disclosure of information pertaining to a specific organization or individual.
- NA Data not enumerated, tabulated, or otherwise available separately.
- NS Percent change irrelevant or insignificant.
- S Figure does not meet publication standards for reasons other than that covered by symbol B, above.
- X Figure not applicable because column heading and stub line make an entry impossible, absurd, or meaningless.
- Z Entry would amount to less than half the unit of measure shown. In many tables, details will not add to the totals shown because of rounding.

#### Example of table structure:

NO. SE. HOUSEHOLDER AND MARITAL STATUS OF POPULATION, 15 YEARS OLD AND OVER: 1986 est marcant. As of March. See headnote, table 471 4 } \_\_\_\_ DER AND 65 yr. and 65 yr and over 20-24 Total Total 37,650 10,062 3,126 1,624 1,428 391 3,494 27,586 2,553 184,828 88,458 11,808 50,933 9,788 3,215 1,287 1,799 66 36,911 28,347 3,502 1,862 1,264 6,049 8,502 544 21,320 19,159 11,272 27,420 5,782 2,957 2,551 6,026 47,976 1,533 1,664 3,839 27,436 20,544 660 7,996 156 1,203 343 1,176 16,211 21,870 215 293 223 690 2,437 2,199 16,612 351 15,502 4,084 11,363 10,269 509 397 1,324 2,160 540 939 201 128 353 580 7,548 284 5,860 44 151 58 2,114 8,566 4,819 1,967 665 27 1,088 6,572 6,100 290 102 10 70 96,370 8,299 4,596 3,361 66,934 182 497 57 337 104 52,475 1,834 2,053 3,728 1,043 502 1,619 8,747 791 1,551 1,667 23,594 131 250 377 BUTION 76.8 9.5 59.3 2.2 100.0 89.5 3.5 70.9 1.4 10.7 16.3 12.6 2.1 2.0 Total pers 100.0 47.9 100.0 89.9 3.4 76.0 2.4 1.9 6.2 10.1 2.5 4.4 9 6.7 32.8 13.1 18.4 53.0 26.7 8.3 4.3 3.8 1.0 9.3 72.3 6.8 62.7 29.0 2.8 3.4 2.9 10.4 9.4 71.0 1.5 3.4 1.8 1.4 42.8 3.6 47.0 6.4 27.6 2.2 6.1 5.6 52.1 19.9 28.4 10.1 5.7 1.5 81.7 45.2 33.1 1.8 4.3 31.0 23.2 3.0 67.1 62.3 3.0 1.0 23.2 13.1 5.3 1.8 1.6 42 .1 29 1.5 1.8

Headnotes immediately below table titles provide information important for correct interpretation or evaluation of the table as a whole or for a major segment of it.

Includes 15-19 year olds.

Footnotes below the bottom rule of tables give information relating to specific items or figures within the table.

Unit indicators ("In thousands," "In millions of dollars," etc.) are usually given in boldface type as the first elements of the headnote. In tables where several units are used, the unit indicators are generally given in the stub or unit column or in the column headings.

Parallel vertical rules are used to the right of a total column to indicate—

- (1) that the components which follow add to the total (e.g., tables 1, 18, 35, etc.);
- (2) in the case of derived figures, that the underlying data are additive to their total (e.g., table 18 for ratios, table 51 for percentages, table 84 for rates and table 88 for medians).

Heavy vertical rules are used-

s zero or rou

de to zero.

- In tables where the stub is continued into one or more additional columns across the table to separate each segment of stub and its accompanying data columns from the continued segments (e.g., tables 2, 8, 10, etc.);
- (2) to set off independent sections of a table (e.g., tables 1, 6, 22, etc.).

**Averages.** An average is a single number or value that is often used to represent the "ty value" of a group of numbers. It is regarded as a measure of "location" or "central tendency group of numbers.

The arithmetic mean is the type of average used most frequently. It is derived by summin individual item values of a particular group and dividing the total by the number of items. The metic mean is often referred to as simply the "mean" or "average."

The *median* of a group of numbers is the middle number or value when each item in the grammanged according to size (lowest to highest or vice versa); it generally has the same numb items above it as below it. If there is an even number of items in the group, the median is take the average of the two middle items.

Per capita (or per person) quantities. A per capita figure represents an average compute every person in a specified group (or population). It is derived by taking the total for an item as income, taxes, or retail sales) and dividing it by the number of persons in the specified potion.

Index numbers. An index number is a measure of difference or change, usually expressed percent, relating one quantity (the variable) of a specified kind to another quantity of the same Index numbers are widely used to express changes in prices over periods of time but may all used to express differences between related subjects for a single point in time.

To compute a price index, a base year or period is selected. The base year price (of the modity or service) is then designated as the base or reference price to which the prices for years or periods are related. Many price indexes use the year 1967 as the base year; in tables is shown as "1967 = 100." A method of expressing the price relationship is:

#### Price of a set of one or more items for related year

Price of the same set of items for base year

The result multiplied by 100 provides the index number. When 100 is subtracted from the number, the result equals the percent change in price from the base year.

Average annual percent change. Unless otherwise stated in the Abstract (as in Section 1, lation), average annual percent change is computed by use of a compound interest formula formula assumes that the rate of change is constant throughout a specified compounding (one year for average annual rates of change). The formula is similar to that used to compubalance of a savings account which receives compound interest. According to this formula, end of a compounding period the amount of accrued change (e.g., school enrollment or banlest) is added to the amount which existed at the beginning of the period. As a result, ow (e.g., with each year or quarter), the same rate of change is applied to a larger and larger

The exponential formula, which is based on continuous compounding, is often used to m population change. It is preferred by population experts because they view population and it tion-related subjects as changing without interruption, ever ongoing. Both exponential an pound interest formulas assume a constant rate of change. The former, however, appl amount of change continuously to the base rather than at the end of each compounding

When the average annual rates are small (e.g., less than 5 percent), both formulas give the same results. For an explanation of these two formulas as they relate to population, a Bureau of the Census, *The Methods and Materials of Demography*, vol. 2, 3d printing (rev. pp. 372-381.

Current and constant dollars. Statistics in some tables in a number of sections are ex in both current and constant dollars (see, for example, table 688, section 14). Current dollar reflect actual prices or costs prevailing during the specified year(s). Constant dollar figures mates representing an effort to remove the effects of price changes from statistical series in dollar terms. In general, constant dollar series are derived by dividing current dollar estit the appropriate price index for the appropriate period (for example, the Consumer Price Interesult is a series as it would presumably exist if prices were the same throughout, as in year—in other words as if the dollar had constant purchasing power. Any changes in this dollar series would reflect only changes in real volume of output, income, expenditures, measure.



# State Rankings

	RESIDENT POPULATION 1 (July 1)											
DIVISION AND STATE	Total, <sup>2</sup> 1987		Per char 198	Percent change, <sup>9</sup> 1980–87		Per square mile, <sup>4</sup> 1987		Projections, <sup>6</sup> 1990		r 18 old, <sup>6</sup> 86	65 years old and over, <sup>6</sup> 1986	
	Number (1,000)	Rank	Percent	Rank	Num- ber	Rank	Number (1,000)	Rank	Percent	Rank	Percent	Rank
United States	243,400	(x)	7.4	(x)	69	(x)	249,891	(x)	26.2	(x)	12.1	(x
New England Maine New Hampshire Vermont Massachusetts Rhode Island Connecticut	12,844 1,187 1,057 548 5,855 986 3,211	(X) 38 40 48 13 43 28	4.0 5.5 14.8 7.2 2.1 4.1 3.3	(X) 24 9 20 40 32 35	204 38 118 59 748 935 659	(X) 36 19 30 3 2	13,078 1,212 1,142 562 5,880 1,002 3,279	(X) 38 39 49 13 43 28	23.8 25.8 25.3 25.9 23.0 23.3 23.8	(x) 36 39 34 49 48 47	11.9	(x 15 36 36 16
Middle Atlantic	37,433 17,825 7,672 11,936	(X) 2 9 5	1.8 1.5 4.2 .6	(x) 43 29 46	375 376 1,027 266	(x) 6 1 8	37,499 17,773 7,899 11,827	(x) 2 9 5	24.3 24.6 24.0 24.0	(X) 44 45 46	12.9	(x
East North Central. Onio Indiana Itinois Michigan Wisconsin	41,904 10,784 5,531 11,582 9,200 4,807	(X) 7 14 6 8 17	.5 1 .7 1.4 7 2.1	(X) 47 45 44 48 39	172 263 154 208 162 88	(x) 9 15 11 14 24	42,055 10,791 5,550 11,612 9,293 4,808	(x) 7 14 6 8 17	26.7 26.5 26.8 26.5 27.0 26.6	(x) 24 21 26 19 23	11.9 12.0 11.4	(x 22 25 25 31
West North Central Minnesots lows Mesouri North Dakots South Dakots Notraska Kansas	17,634 4,246 2,834 5,103 672 709 1,594 2,476	(x) 21 29 15 46 45 36 32	2.6 4.2 -2.7 3.8 2.9 2.7 1.6 4.7	(x) 30 50 33 36 38 42 26	35 53 51 74 10 9 21 30	(x) 32 33 27 45 46 41 38	17,722 4,324 2,758 5,192 660 708 1,588 2,492	(x) 21 30 15 47 45 37 32	26.7	(x) 28 31 35 11 12 22 29	14.5 13.7 13.0 13.9 13.6	(x
South Atlantic Delaware Maryland District of Columbia Virginia West Virginia North Carolina South Carolina Georgia Florida	41,684 4,535 622 5,904 1,897 6,413 3,425 6,222 12,023	(x) 47 19 (x) 12 34 10 24 11	12.6 8.3 7.5 -2.6 10.4 -2.7 9.0 9.7 13.9 23.4	(x) 17 19 (x) 13 49 16 15	156 333 461 9,871 149 79 131 113 107 222	(x) 7 5 (x) 16 26 17 20 21	43,742 666 4,729 614 6,157 1,856 6,690 3,549 6,663 12,818	(x) 46 18 (x) 12 34 10 25 11	26.3 25.6	(x) 40 41 (x) 42 30 37 13 10 50	10.6 12.2 10.5 13.6 11.5 10.5	(x 3-33 (x 44 33 34
East South Central Kentucky Ternessee Alabama Mississippi	15,290 3,727 4,855 4,083 2,625	(x) 23 16 22 31		(x) 41 23 25 31	86 94 118 80 56	(x) 23 18 25 31	15,597 3,745 4,972 4,181 2,699	(x) 24 16 22 31		(x) 18 32 14	12.0 12.3 12.2	(x 26 25 26 26
West South Central	26,910 2,388 4,461 3,272 16,789	(X) 33 20 27 3	8.2	(X) 27 21 18 5	63 46 100 48 64	(x) 35 22 34 29	27,937 2,427 4,513 3,285 17,712	(x) 33 20 27 3	27.2	(x) 17 7 16 8	14.5 10.1 12.4	(x 42 20 46
Montanin Montane Idaho Wyoming Colorado New Mexico Artzona Utah Newada	13,167 809 998 490 3,296 1,500 3,386 1,680 1,007	(X) 44 42 50 26 37 25 35	5.8 4.4 14.1 15.1	(x) 37 22 28 10 7 3 8	15 6 12 5 32 12 30 20 9	(x) 48 44 49 37 43 39 42 47	13,995 805 1,017 502 3,434 1,632 3,752 1,776 1,076	(X) 44 42 50 26 36 23 35 41	27.4	(x) 9 3 5 25 6 15 1 43	12.1 11.2 8.4 9.0 9.8 12.3 8.0	(x 2: 3: 4: 4: 4: 4: 4: 4: 4: 4: 4: 4: 4: 4: 4:
PscHic Washington Oregon California Alaska Hawaii	36,533 4,538 2,724 27,663 525 1,083	(x) 18 30 1 49 39	16.9	(X) 14 34 6 1	41 68 28 177 1 168	(x) 28 40 12 50 13	38,265 4,657 2,766 29,126 576 1,141	(x) 19 29 1 48 40	25.4 26.3 32.1	(x) 33 38 27 2 20	13.4 10.6 3.4	(x 3: 1: 3: 5: 4:

[When States share the same rank, the next lower rank is omitted. Because of rounded data, States may have ide shown, but different ranks]

	RESIDENT POPULATION IN METRO		HOUSE		витн я	ATE 45			85 * *		
DIVISION AND STATE	ARE	AS, 1 2	CHANG 1980	E. 1 2	19	85	To tee	nage iers	To unn		
	Percent	Rank	Percent	Rank	Rate	Rank	Percent	Rank	Percent	Rank	
United States	76.6	(x)	10.5	(x)	15.8	(x)	12.7	(x)	22.0	(x)	
New England	80.7	(x)	8.4	(x) 22	14.2	(x) 39	9.2	(x) 25	18.6	(x) 34	1
Maine	36.1	44	11.0	22	14.5	39	11.7	25	17.8	34	
New Hampshire Vermont	56.4 23.1	33 49	17.1	17	15.5 15.0	26 32	8.3 9.8	48	13.4 17.1	46 37	
Massachusetts	90.8	7	6.9	39	14.1	44	8.5	47	18.4	29	ı
Rhode Island	92.5 92.6	5	7.5	33	13.5 13.9	49	10.8	30 43	19.6 21.3	25 22	
Middle Atlantic	90.6		5.7	(x)	14.1		10.4	(x)	25.3	(x)	
New York	90.5	(x)	5.2	(X)	14.6	(x) 38	10.0	(x) 37	28.1	4	1
New Jersey Pennsylvania	100.0	9	8.9 4.5	28 46	14.0	46 48	9.8	39 27	22.3	17	
East North Central	12.55	(x)	4.7	(x)	15.2	(x)	12.6	-	21.4		
Ohio	78.8	(x) 16	4.3	(x) 47	14.9	(x)	13.3	(x) 19	21.8	(X) 19	1
Indiana	68.0	22	5.2	44	14.7	36	14.1	14	19.8	24	ı
Illinois	82.4	11	4.7 3.8	45 48	15.7 15.2	23	12.5 12.1	20	25.7 18.1	31	1
Michigan Wisconsin	66.5	25	6.9	38	15.4	28	10.2	35	18.1	31	
West North Central	55.8	(x) 28	6.4	(x) 31	15.6	(x)	10.3	(x) 50	16.6	(x) 42	
Minnesota		28	8.3	31	16.1		7.5 9.3	50	15.1	42 45	1
Missouri		40 27	1.7 6.8	50 40	14.3 15.3	41	13.5	42 18	13.6 21.6	20	ľ
North Dakota	37.3	42	8.7	29	17.1	12	7.8	49	11.5	48	ı
South Dakota	28.2	47	7.8	32	17.1 17.1	11	10.2	35	17.9	48 33	ı
NebraskaKansas	46.9 52.0	37 35	5.8 7.2	42 36	15.9 16.2	17	9.1 11.4	44 28	14.8	43 44	
South Atlantic	73.5	(x)	16.2	(x) 18	14.9	(x)	14.8	(x)	25.2	(X)	
Delaware	66.0	(x) 26	12.1		15.5	27	13.7	16	26.2	7	ı
Maryland District of Columbia	92.9	3	11.2	20	15.5 15.8	25	12.1	22	29.1 56.7	2	1
Virginia	71.5	20	13.9	(x) 15	15.1	(x)	12.2	(x)	21.4	21	ı
West Virginia	36.6	(x) 20 43	3.4	49	12.5	50	17.1	7	17.4	(x) 21 35	ı
North Carolina South Carolina	55.0	34	14.5	11	14.3	42	16.0	10	22.1	18	ı
Georgia	60.2	31 29	14.2 17.5	13	15.6	24	17.0 17.3	9	26.4 25.7	5	1
Florida	64.3 90.9	6	23.8	4	16.1 14.4	18 40	13.9	15	25.8	8	
East South Central	54.5	(x) 38	9.0	(x) 35 23	14.7	(x) 43	18.2	(x)	24.8	(X) 27	ı
Kentucky	45.5 66.8	38 24	7.3	35	14.2	43 45	17.6	4	18.5	13	ı
Alabama		30	9.1	26	14.9	35	17.1 17.9	á	24.9	11	1
Mississippi	30.0	45	9.0	27	16.6	14	20.8	1	32.9	1	ı
West South Central	72.4 39.3	(x)	16.3	(x)	18.0	(x) 34	16.0	(x)	19.0	(x) 16	ı
Arkansas Louisiana	69.1	21	8.5 11.0	21	14.9	7	19.2	5	22.4	3	ı
Oklahoma	58.5	32	12.2	16	16.1	20	15.8	11	17.2	36	l
Texas		14	20.0	5	18.8	4	15.3	13	16.4	40	
Montain	65.2 24.4	(x) 48	18.1	(x) 37	18.4 16.4	(X)	11.7	(x)	17.7	(x) 38	-
Idaho	19.4	50	7.1 9.8	25	17.5	9	10.5	38	10.8	49	1
Wyoming	28 B	46	9.9	25 24	18.4	6	11.6	26	13.3	47	1
Colorado New Mexico	81.6	12	16.6	9	17.0	13	10.4	33	16.6	39	1
Arizona	47.6 75.4	36 19	18.4 26.3	6	19.1 18.6	5	15.5 13.7	12	26.3 23.9	14	1
Utah	77.0	17	14.6	10	22.8	2	8.9	45	8.7	50	ı
Nevada	1 1 1 1 1 1 1	10	25.1	3	16.4	16	12.1	22	45.70	41	
Pacific	90.4 81.0	(x)	13.4	(x)	17.5	(x)	10.7	(x)	23.2 18.5	(x) 27	1
Oregon	67.4	23	6.6	41	14.7	37	10.6	31	18.7	26	1
Oregon	95.7	2	14.0	14	17.9	8	10.9	29	24.6	12 30 23	1
Alaska	44.0	39	36.2	1	24.6	1	8.7	46	18.3		

X Not applicable 

Source: U.S. Bureau of the Census. 

See table 33, 1988 Statistical Abstract. Percent ell 1980-July 1, 1986. Minus sign (-) indicates decrease. 

Source: U.S. Bureau of the Census. 

See table 61, 1988 Statistical Abstract. Percent ell 1980-July 1, 1986. Minus sign (-) indicates decrease. 

Source: U.S. Notional Center for Health Statistical Abstract. 

Source: The Alan Guttmacher Institute, New York, NY.

[When States share the same rank, the next lower rank is omitted. Because of rounded data, States may have identical values shown, but different ranks]

					_		HOSP	TALS			PUE	
DIVISION AND STATE	MORT	ANT FALITY E, 1 2	POPUL	CIANS 00,000 ITION, <sup>2</sup>	Beds 100, populs 19	per 000 Mon, 4	Occup rate 19	pency 66	Aver deally chers	rage room pes, *	ELEME AM SECON SCH ENROLI PERC CHAN 1986	ID IDARY OOL JMENT,
	Rate	Rank	Rate	Renk	Rate	Rank	Rate	Renk	Dollars	Rank	Percent	Rank
United States	10.6	×	204	(x)	548	(X)	60.5	(X)	244	(×)	-3.6	(x)
New England	9.2 9.1	(X)	271 170	(X)	966 549 450	(X)	77.8 71.4	(X) 12	(MA)	(X) 23 25	-13.3	ξŞ
New Hampshire Vermont	9.3 8.5	40 47	182	22	450	40 27	700	15 11	219 257 262 248 247	25 13	-7.2 -3.6 -6.3 -17.4	37 23 34 50 45 49
Managerhypaette	9.1 8.2	42	239 311 229 262	2	542 986 558 505	5	72.2 79.0		262	i 10	-17.4	50
Rhode leland Connecticut	10.0	50 30	262	4	506 506	5 23 36	79.9 80.1	5 3 2	246	15 16	-10.1 -13.0	49
New York	10.8	82	256	ထွ	634	×φ	98.5 98.0 79.6	α	(M)	20 10	-10.1	X2 45 48
New Jersey	10.8 10.6	(X) 20 24 17	298 298 227	1 8	634 647 552 634	25	79.6	4	(NA) 262 215	27	-8.7 -10.4	45
	11.0		219	9		12	73.1	9	1	4	-11.6	
Chio	10.6 10.3	83	183 188 148	80	548 557 540	84 89 97	67.7 67.0 66.6 67.7	82	(HA) 253 208 279 208	(X) 14 30	-8.4 -8.3	X 40
Indiana	10.9 11.7 11.4	18 10	148 208	40 12	540 577	29 19	66.6 67.7	24 20	208 279	30 5 3	-8.5 -7.9	41 30
Michigan Wisconsin	11.4 9.1	13 42	208 178 175	40 12 24 25	497 574	37 20	70.8 66.6	14 28	208 174	42	-8.3 -8.5 -7.9 -9.3 -7.5	X40 41 39 44 38
West North Central		00	174	<b>86</b> 11	674	(χ	64.9	(X) 19	(144)	(20	l	(X)
Minnesote	8.8 9.5 10.2	(X) 46 37	207 139	11 45	646 646 638 891	10	64.9 67.6 62.1	19 38	(NA) 228 194 208 188	(X) 19 33 29 38 42 42 28	-6.5 -6.5 -6.2 -5.9 1.7	(X) 36 43 32 13 27 31
Macouri	10.2 8.5	29 47	194 159	21	636	11	67.5 63.5	21	208	29	-6.9	32
North Dehota South Dekota	9.9	31	132	45 21 38 48 35	819	2	80.6	38 21 36 43 40 38	174 174	42	-3.9 -5.0	27
Nebraska Kaneas	9.6 9.3	36 40	132 159 165	30 31	723 636	3	62.1 62.1	38	213	26	-1.2	19
South Atlantic	12.1	κq	201	∞ 18	548 611	(20)	98.5 75.6	×	27%	κg	-2.4	(8)
Delevere	14.6 11.9	7	201 189 315	1	514	14 34	75.8 77.9	6	219	25	-6.1 -10.5	33 47
District of Columbia	20.6	00	573	(X) 14 34 28 39 39	1,332 528	84 88 17 36 21 38 21	77.9 80.0 71.3	90 13 30 16 10	374 180	25 00 36 37	-13.0 -4.2	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Virginia	11.5 10.7	22	200 161	34	599 501	17	64.4 69.7 72.7	30	180 194 151	37	-4.2 -8.3 -3.8 -1.9	36 25
South Cambra	11.8 14.2 12.7	2	171 149	30	462	36	72.7	10	156 180 208	49 47	-1.9	21
Georgia	11.3	15	183 196	33 16	462 564 541	21 28	68.9 65.2	17 29	208	46 30	1.0 3.5	17
East South Central Kentucky	12.1	(X)	163	(20	611	83	66.2	(2)	(NA)	00	-9.7 -3.9 -4.7 -3.8	_ <u>∞</u>
Tennessee	11.2 11.4	13	153 179	(X) 36 23	520 654	16	96.2 96.5 98.1	(X) 26 18	(NA) 199 170	(X) 32 45 34 50	-3.9 -4.7	26 30
Alabama Misalasippi	12.6 13.7	5	144 110	1 41	619 647	13 8	65.7 63.8	27 34	189 125	34 50	-3.8 -1.3	(X) 26 30 28 20
West South Central	10.4	00	162	00	548 564	(X)	61.6	00	m	(X)	5.3 -3.3	(x)
Arkenees	11.6 11.9	117	162 140 178	84	602	22 18	59.0 64.0 80.6	(X) 46 33 50	(NA) 154 188	46   34	-3.3 1.9	22 12
Oldehome	10.9	18 33	140 164	43 32	520 524	32 31	80.6 61.4	50 42	177 164	34 41 37	2.4 8.0	(X) 22 12 11 3
Mountain	<b>9.5</b> 10.3	00	173	00	433 564	00 18	62.3	00	(NA) 221	00	5.8	00
Montana	10.3	(X) 27 26	140	42	564 418	18 42 15	56.9 58.4	47	221 223	24 22 40 18	6 3.0	17
Wyoming Colorado	10.4		130	49 48 15	609	15	59.0	45	179	40	5.1	15
New Mexico	9.4 10.6 9.7 9.8	39 24 34 36	140 120 130 200 166 167	30	455 410	41 39 48 50	66.6	00 47 48 45 32 28 30 41	227	20 12 17	.5 2.8	10
Uteh	9.7 9.8 8.5	34 35 47	174	27	1 310	50 44	56.9 58.4 59.0 64.3 66.6 64.4 62.0 56.7	41 49	179 243 227 259 244 227	17	6.6 17.2 4.0	00 17 9 5 15 10 4 2 8
	1	1	1		416		1				1	i
Washington	10.7	8	231 202	00 13	411 386	(X)	62.6	(X)	(NA) 266 266 327	(2)	2.4 -1.1	(x) 18 24 8 1
Oregon	9.9	31 37	194 242 132	17 5	413 417	45 43 49 47	59.4 67.0	22	327		-3.7 3.4 23.0	24
Alaska	9.9 9.5 10.8	20 45	132	47 10	364	49 47	62.7 76.7	. 24	372 267	1 1	23.0	1 16
							<u>``</u>	L		<u> </u>		

NA Not available.

X Not applicable. <sup>1</sup> Source: U.S. National Center for Health Statistics.

\*\*See table 116, 1986 tablefold Abstract.

Represents deaths of intents under 1 year old per 1,000 live births, by place of residence. Excludes table 146, 1986 Statistical Abstract.

Source: American Medical Association, Chicago, IL (Copyright).

\*\*See table 159, 1988 Statistical Abstract. Source: American Activity status.

\*\*See table 156, 1986 Statistical Abstract.

Source: Health Insurance Association of America, Washington, Dicago, IL (Copyright).

\*\*Output Of American Hospital Association, Chicago, IL (Copyright).

\*\*Output Of American Hospital Association of American Association of American Hospitals and represents average cost to patient for semi-private from.

\*\*See table 259, 1988 Statistical Abstract.

\*\*Source: U.S. Department of Education, Center for Education, Statistical Abstract.

\*\*Source: U.S. Department of Education, Center for Education, Statistical Abstract.

[When States share the same rank, the next lower rank is omitted. Because of rounded data, States may have ident shown, but different ranks]

	PUBI	CONDARY	SCHOOL	AND S 1	CRIME		FE		ND STAT	E	Y
DIVISION AND STATE	Teacl aver salari 19	age es, <sup>2</sup>	Curre expend per pr 19	fitures	PER 10 POPULA 19	TION, 4	Par 10 popul 19	0,000 ation,	Perc char 1980		R
	Dollars	Rank	Dollars	Rank	Rate	Rank	Rate	Rank	Percent	Rank	Per
United States	26,551	(x)	3,970	(x)	5,480	(x)	226.8	(x)	65.7	(x)	
New England	(NA) 21,257	(x)	(NA)	(x) 28	4,503	(x) 43	131.3	(x) 43	68.4	(x) 29	
Maine	21,257	46	3,650 3,386	28	3,461	43 45	76.1	43 48	61.7 139.9	29	
New Hampshire Vermont	21,835	42	4,459	33 12	3,977	38	125.0	39	40.8	41	1
Massachusetts	28,410	9	4,856	6	4,723	26	97.4	46	78.3	16	
Rhode Island	31,079 28,902	5	4,574 5,552	11	4,902	22	139.6	36	67.4	22	
Connecticut	28,902	6	5,552	5	4,829	24	216.5	19	60.3	31	
Middle Atlantic	(NA) 32,000	(x)	(NA) 6,299	(x)	4,810	(x) 14	176.2	(x) 20	83.1	(x) 18	
New York	32,000	2	6,299		5,768	14	216.3		76.3		1
New York New Jersey Pennsylvania	28,718 27,422	16	6,120 4,752	8	5,241	20 46	157.8 127.9	31 38	104.3	13	
and the second of the second o		13			5,058	1.5					
East North Central	(NA) 26,288	(x) 21	(NA) 3,769 3,379	(x) 24	4,359	(x) 31	188.2 208.9	(x) 21	53.5 66.5	(X)	
Indiana	26,083	22	3,379	34	3,855	42	184.9	25	52.3	33	
Illinois	28,238	11	3.980	20	5,546	17	168.4	30	63.5	27	1
Michigan Wisconsin	31,500 27,976	13	3,954 4,701	21	6,491 4,097	9 37	226.8	15 41	37.1 43.1	43	
		1 5 6	No.	1.0	Page 14		200		17.6	100	
West North Central Minnesota	(NA) 28,340	(x)	(NA)	(x)	4,296 4,362	(x) 30	139.8 58.4	(x) 50	63.4 23.0	(x) 46	1
lowa	22,603	38	4,241 3,740	27	4,151	36	97.4	45	11.9	49	1
Missouri	23,468	31	3,345	35	4,654	27	207.0	22	83.1	14	1
North Dakota	21,284 18,781	45	3.209	37	2,605	49	62.0	49	66.4	24 25	
South Dakota	18,781	50	3,190 3,437	38	2,716	48	147.6	34	64.6	25	1
Nebraska Kansas	22,063 23,427	39 32	4,137	32 16	3,856 4,823	41 25	122.2	40 17	35.1 117.5	44	
South Atlantic	(NA)	64	100	644	5,724	144	284.3		47.6		1
Delaware	27 467	(x)	(NA) 4,776	(x)	4,832	(x) 23	446.8	(x)	91.9	(x)	1
Maryland	28,893	7	4,659	10	5,602	16	298.6	6	72.4	21	
District of Columbia	33,797	(X) 24	5,349	(x)	8,339	(x) 40	1,077.6	(X) 16	114.5	(x) 38	1
Maryland District of Columbia Virginia	25,473	24	3,809	22	3,860	40	223.4	16	45.0	38	1
West Virginia North Carolina	21,446 23,775	44	2,959	42	2,317	50	77.3	47	17.9	47	1
South Carolina	23,775	29 34	3,473	31	4,332	33	280.5 345.8	11	14.5 48.5	48 37	1
Georgia	24,200	26	3,005	39	5,137 5,455	19	284.5	9	48.5	40	
Georgia	23,785	28	4,056	19	8,228	1	276.0	12	55.4	32	
East South Central	(NA)	(x)	(NA)	(x)	3,910	00	210.1	(x)	51.8	(x)	
Kentucky	22,612	(X) 37	3,107	(x) 40	3,092	(X)	169.5	(x) 29	76.2	(x) 19	
Tennessee	22,627	36	2,842	43	4.534	28	149.5	32	2.3	50	
Alabama	23,500	30	2,610	47	4,288	34	289.0	8	79.0	15	
Mississippi	19,447	49	2,534	49	3,345	44	257.0	13	72.9	20	1
West South Central	(NA)	(x) 48	(NA) 2,795	(x)	6,706	(x) 39	250.9	(X) 24	45.0	(x) 30	
Arkansas	19,904 20,054	48	3,237	36	3,925 6,078	12	198.2	24	61.5	26	1
Oklahoma	22,060	40	2,701	46	6,014	13	290.3	5 7	64.0 100.1	10	
Texas	24,588	25	3,584	29	7,408	2	230.9	14	28.9	45	1
Mountain	(NA)	(x)	(NA)	(x)	6,323	(x)	196.5	(x)	94.7	(x)	
Montana	(NA) 23,206 21,480	(x) 33	4,070	(x) 18	4,479 4,207	(x) 29	135.7	(x) 37	50.3	(x) 34 17	1
ldaho	21,480	43	2,555	48	4,207	35	144.8	35	77.6	17	1
Wyoming	28,103	12	6,229	3	4,357	32	170.6	28	62.0	28	
Colorado	27,387 23,977	17 27	4,129 3,537	17 30	7,032 6,626	5 8	112.4 182.6	42 26	39.7 111.2	42 B	
New Mexico	25,972	23	2,784	45	7,321	3	284.2	10	115.8	8 7	
Utah	23,035	35	2,455 3,768	50	5,478	18	110.8	44	98.0	11	
Nevada	26,960	18	3,768	25	6,290	10	467.8	1	145.0	2	1
Pacific	(NA) 27,527	(x)	(NA)	(x) 23	6,761	(x)	211.2	(x) 33	122.3	(x) 35 36	
Oregon	26,690	20	3,808 4,236	15	6,880 7,081	6	148.0 175.6	27	50.1 49.1	35	1
California	31,219	4	3,751	26	6,763	7	220.5	18	142.1	3	
Alaska	43,970	1	8,842	1	6,246	11	460.7	2	199.3	1 5	1
Hawaii	26,815	19	4,372								

NA Not available. X Not applicable. ¹ Source: National Education Association, Washington, DC. (Copyrig table 211, 1988 Statistical Abstract. Data presented here are revised. ³ See table 217, 1988 Statistical Represents expenditures per pupil in average daily attendence in day schools. ⁴ See table 265, 1988 Statistics Source: U.S. Federal Bureau of Investigation. Based on offenses known to the police. ⁵ See table 309, 19 Abstract. Source: U.S. Bureau of Justice Statistics. ⁵ See table 422, 1988 Statistical Abstract. Data com

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(When States share the same rank, the next lower rank is omitted. Because of rounded date, States may have identical values shown, but different ranks)

	ST	ATE AND	LOCAL G	OVERNM	ENT 1 19	85		FEDERA	L EXPEN	DITURES	1986	
DIVISION AND STATE	expen	Direct general expenditure per capita <sup>2</sup>		Tax revenue per capita <sup>a</sup>		ses per 000 ition 3	Tot		Gran State ar govern per c	nd local ments	Fur fo defe	N.
	Dollars	Rank	Dollars	Rank	Rate	Rank	Bil. dol.	Rank	Dollars	Rank	Percent	Rank
United States	2,313	(x)	1,465	(x)	442	(x)	803.0	(x)	451.9	(x)	26.8	(x)
New England	2,343	(x) 32	1,627	(x) 28	427	(x) 35	49.8	(x)	515.3	(x)	37.0	(x)
New Hampshire	1.816	43	1,126	41	426 392	49	3.7	43	572.9 393.4	10	24.5 31.8	(x) 22 13
Vermont	2,396	20	1,126 1,392	20	439	27	1.4	50	617.4	7	13.1	42
Massachusetts Rhode Island	2,428	18	1,715	14	433	31 39	24.9	41	528.5	12		6
Connecticut	2,368	21	1,479	14	428	33	13.5	19	584.6 470.7	23	23.1 44,4	25
Middle Atlantic	2,751	(x)	1,914	(X)	473	(x)	119.2	(x)	575.4	(x)	18.9	00
New York	3,343		2,334 1,749		555	3	59.4	(x)	696.6	4	19.0	(X)
New Jersey Pennsylvania	2,482	15	1,749	21	464 357	16 50	22.3 37.5	11	440.2	29	21.2 17.4	28
East North Central	2,230				408	37.	37.74		22.50		300	
Ohio	2,120	(x) 31	1,443	(x) 26	408	(x) 45	112.2 31.8	(x)	441.7 443.1	(X) 27	16.3 21.8	(X)
Indiana	1,851	42	1.181	39	412	42	14.7	18	363.4	44	22.6	26
Illinois	2,173	30	1,474	15	401	47	30,1	7	433.7	44 34	11.6	44
Michigan Wisconsin	2,498	14	1,609	12	414 426	41 35	12.2	10	476.0 482.8	21	13.5 10.9	40 45
West North Central	2,277	(x)	1,352	(x)	440	(vi	60.9	M	437.2	(v)	24.0	100
Minnesota	2,842	4	1,767	5	412	(x) 42	12.4	(x)	500.7	(X)	20.9	(x) 29
lows	2,311	24	1,331	26	448	24	8.3	31	406.2	39	9.0	48
Missouri North Dakota	1,775 2,696	48	1,091	42 25	408 458	44 18	20.9	13 45	391.2 637.7	42	32.6	11
South Dakota	2,214	5 29	1,357	44	454	21	2.5	47	645.5	6	18.3 13.4	34 41
Nebraska	2.255	27	1,251	34 24	514	5	5.2	37	413.6	38	14.7	38
Kansas	2,220	28	1,357	24	490	9	8,8	29	359.3	47	32.5	12
South Atlantic	2,016	(x)	1,262	(x) 13	460	(x) 10	155.1	(x)	399.2	(X) 16	30.0	(x) 24
Delaware	2,688	22	1,558	13	488 443	10 25	21.7	48	496.1 438.9		24.0 32.7	10
District of Columbia	4.342	(x) 36	2,515		752	(x)	14.4	(x)	2,273.2	30 (x)	12.0	(x)
Virginia West Virginia	1,993		1,307	(X) 29	455	(x) 19	28.0	8	344.7	48	48.4	(x)
North Carolina	1,983	37 45	1,203	36 40	483 454	11	15.7	36	554.2	11	4.9	50
South Carolina	1,782	47	1,076	43	474	21 14	9.9	17	360.2 391.5	46 41	24,4 27,5	23 18
Georgia Florida	1,970	38	1,181	37	509	6	18.5	14	447.6	25	34.8	8
Florida	1,956	40	1,181	37	423	38	39.5	4	277.9	50	26.2	19
East South Central	1,820	(X)	989	(x)	444	(x) 45	50.0	(x)	461.2	(x) 20	19.5	(x)
Kentucky Tennessee	1,798	49	1,033	47	402 436	28	12.5 15.9	16	478.4 443.1	28	14.3	43
Alabama	1,959 1,784	39	990	48	460	17	13.1	20	434.1	32	26.0	20
Mississippi	1,784	46	918	50	496	8	8.5	30	512.0	13	30,7	15
West South Central	2,029	(x) 50	1,247	(x)	471	(x) 32	76.6	(x) 33	364.3	(x) 22	30.4	(x) 31
Louisiana	1,695	50 25	967 1,297	49 30	431 504	32	12.4	33 23	473.4 453.0	22	20,5	31
Oklahoma	2,034	33	1,289	31	477	13	9.8	28	423.6	36	24.6	21
Texas	2,004	35	1,267	32	467	15	47.3	3	313.2	49	35.7	7
Mountain	2,434	(x)	1,389	(X)	454	(x)	46.6	(X)	461.2	(x)	25.4	(x)
Montana	2,615		1,383		478	12	2.8		722.8	3	8.4	49
Wyoming	1,868	41	1,022	46	426 635	35	3.0 1.5	42	434.1 929.0	31	10.2 15.5	46 36
Colorado	2,409	19	1,448	16	442	26	11.5	25	373.4	43	30.7	14
New Mexico	2,536	11	1,249	35	524	4	7.1	25 34	579.4	9	19.7	32
Arizona	2,305	26 23	1,376 1,258	23 33	427 414	34 39	11.4	26 35	363.4	45	34.1	9
Neyada	2,516	12	1,443	17	455	19	5.5 3.7	40	484.7 434.1	17 33	14.8	16 37
Pacific	2,676	(x)	1,646	(x)	411	(x)	132.5	(x)	438.6	(x)	37.5	(M)
Washington	2,516	(x) 12	1.435	18	436	(x) 28	16.9	(x) 15	426.9	(x) 35	29.7	(X)
Oregon California	2,471	16	1,420	19	435 396	30	100.9	32	496.7	15	9.3	47
Alaska	9,509	8	1,645	1	396 757	48	100.9	46	418.5 1,243.4	37	40.0 43.7	5
Hawaii	2,468	17	1,652	8	453	23	4.6	38	445.4	26	53.5	1

NA Not available. X Not applicable. 
See table 466, 1988 Statistical Abstract. 
Source: U.S. Bureau of the Census. 
See table 441, 1986 Statistical Abstract. 
Represents full-time employees per 10,000 population. 
See table 466, 1988 Statistical Abstract. 
Source: U.S. Bureau of the Census. 
U.S. total includes data undistributed by State.

(When States share the same rank, the next lower rank is omitted. Because of rounded data, States may have identical value shown, but different ranks)

	SOCIAL S		PUBLI		FOOD	STAMP		CIV	LIAN LABO	R FORC	E s	
	PER	1,000	PERCE	NT OF	PER	1,000		Emplo	yment		Unempl	oym
DIVISION AND STATE	POPULA'	86	POPULAT 19		POPULA 19	86	Tota 198		Net cha 1980-	nge, " -86	rati 19	
	Rate	Rank	Percent	Rank	Rate	Rank	Number (1,000)	Rank	Number (1,000)	Rank	Percent	Ra
United States	152	(x)	6.2	(x)	78.9	(x)	109,597	(x)	10,294	(x)	7.0	
New England Maine New Hampshire Vermont Massachusetts Rhode Island Connecticut	174 148 157 161 181	(x) 8 33 25 17 5 21	5.3 6.9 1.9 5.6 5.9 6.2 4.5	(x) 11 50 21 19 16 31	52.0 88.7 20.4 62.8 54.0 64.6 38.9	(x) 14 50 30 40 28 48	6,454 532 546 279 2,934 490 1,674	(x) 39 38 48 11 41 23	646 64 96 42 220 51 174	(x) 30 28 40 14 35 18	3.9 5.3 2.8 4.7 3.8 4.0 3.8	
Middle Atlantic	156	(x) 23 26 4	7.1 8.2 5.8 6.3	(x) 5 20 15	<b>82.1</b> 94.1 51.5 83.6	(x) 12 43 16	16,827 7,881 3,696 5,248	(x) 2 9 5	1,119 504 374 239	(X) 4 6 11	6.2 6.3 5.0 6.8	
East North Central	160 158 147 156	(x) 18 22 34 27 11	7.4 7.5 3.8 7.6 8.7 7.8	(X) 9 40 8 2 7	91.4 103.3 63.4 94.5 98.4 75.2	(x) 7 29 11 9 21	18,837 4,809 2,565 5,225 4,007 2,230	(X) 7 14 6 8 17	789 149 187 143 251 58	(x) 23 16 24 10 33	7.9 8.1 6.7 8.1 8.8 7.0	
West North Central Minnesota Iowa Missouri North Dakota South Dakota Kansas Kansas	152 179 173 159 175	(X) 32 6 9 20 7 15	4.7 4.6 5.4 5.5 3.0 3.7 3.9 3.7	(x) 29 26 23 45 41 39 42	53.2 54.6 71.9 73.8 51.5 74.9 59.4 48.4	(X) 39 24 23 41 22 33 46	8,361 2,095 1,332 2,374 310 329 763 1,158	(x) 19 29 15 47 45 34 31	418 113 -17 231 22 12 31 26	(X) 26 49 13 45 46 42 44	5.8 5.3 7.0 6.1 6.3 4.7 5.0 5.4	
South Atlantic  Delaware  Maryland District of Columbia Virginia West Virginia North Carolina South Carolina Georgia Florida	153 129 129 134 188 155 147 134	(x) 30 43 (x) 40 3 29 35 41	5.2 4.6 5.5 11.3 4.1 8.2 5.0 6.5 6.4 3.9	(x) 30 24 (x) 35 6 28 13 14 38	67.9 49.0 58.5 103.8 57.2 139.2 67.0 91.5 80.6 51.5	(x) 45 34 (x) 35 3 26 13 19 42	18,889 311 2,252 302 2,740 655 3,024 1,502 2,836 5,268	(x) 46 16 (x) 13 36 10 26 12 4	2,800 48 237 -3 308 -60 355 210 455 1,251	(x) 36 12 (x) 9 50 7 15 5	5.7 4.3 4.5 7.7 5.0 11.8 6.2 5.9 5.7	
East South Central Kentucky Tennessee Alabama Mississippi	165 162 165	(x) 12 16 14 13	7.2 7.0 6.1 6.8 10.4	(x) 10 17 12 1	131.1 138.9 104.3 118.7 188.6	(x) 4 6 5	6,373 1,533 2,116 1,697 1,027	(x) 25 18 22 32	406 3 186 171 46	(x) 47 17 20 38	9.4 9.3 8.0 9.8 11.7	
West South Central Arkansas Louisiana Oklahoma Texas	189 136 153	(x) 2 38 31 46	5.0 5.9 8.2 4.5 4.1	(x) 18 4 32 36	95.8 97.4 155.5 81.1 82.3	(x) 10 2 18 17	11,600 979 1,727 1,462 7,433	(x) 33 21 28 3	1,316 56 59 159 1,043	(x) 34 32 21 3	9.5 8.7 13.1 8.2 8.9	
Mountain	158 147 110 114 130 155 102	(x) 24 36 48 47 42 28 49 39	3.5 4.2 2.6 2.7 3.5 5.3 3.9 3.0 2.5	(x) 34 48 47 43 27 44 46 49	61.1 70.8 55.9 55.2 56.3 102.8 61.2 48.0 36.3	(x) 25 37 38 36 8 31 47 49	5,899 374 427 227 1,568 610 1,476 709 508	(X) 44 43 50 24 37 27 35 40	848 27 32 1 156 92 321 114 105	(X) 43 41 48 22 29 8 25 27	7.4 8.1 8.7 9.0 7.4 9.1 6.1 6.1	
Pacific Washington Oregon California Alaska Hawaii	132 147 170 128 51 126	(x) 37 10 44 50 45	8.7 4.0	(x) 22 33 3 37 25	62.6 66.1 79.7 59.7 50.6 83.8	(x) 27 20 32 44 15	16,399 2,000 1,233 12,473 229 465	(x) 20 30 1 49 42	1,681 60	(x) 18 39 1 31 36	7. 8. 8. 6. 10. 4	

X Not applicable. ¹ Source: U.S. Social Security Administration. Data compiled by U.S. Bureau of the Census table 566, 1988 Statistical Abstract. <sup>\*\*</sup> See table 590, 1988 Statistical Abstract. Total recipients of Aid to Fa Dependent Children and Federal Supplemental Security Income as a percent of resident population. <sup>\*\*</sup> See table Statistical Abstract. Source: U.S. Department of Agriculture, Food and Nutrition Service. <sup>\*\*</sup> See table 510, 1988 Abstract. Source: U.S. Bureau of Labor Statistics. <sup>\*\*</sup> Minus sign (-) Indicates decrease. <sup>\*\*</sup> Unemployed as civilian labor force.

States share the same rank, the next lower rank is omitted. Because of rounded data, States may have identical values shown, but different ranks)

		PERCE	RICULTURA	IGE, 1 19	80-86			RAGE	EXPORT-F	PLOYME	MANUFA NT, 3 196	CTURING
M AND STATE	То	tal	Manufa	cturing	Serv	ices	ANNUA	L PAY	Tot	ai	Percent	of total
	Percent	Rank	Percent	Rank	Percent	Rank	Dollars	Rank	Number (1,000)	Rank	Percent	Rank
rd States	10.2	(x)	-6.4	(x)	29.1	(x)	19,966	(x)	2,179	(x)	11.4	(x)
land	13.6	(x)	-7.8	(x)	30.8	(x)	(NA)	(4)	195	(4)	194	141
	13.6	(x) 13	-8.1 1.2	(x) 28	30.4 49.2	(x) 16	(NA) 16,326	(X)	11	(x) 36	13.4 10.3	(x) 30 17
ampshire	26.9	4	1.2	13	49.2	2	18,303	27	14	34	11.9	17
husetts	16.9	19	-1.8	19	29.8	18	16,857	40	91	41	15.2 13.8	4
Island	11.0	22	-8.3 -7.2	26	29.2 30.5	19 15	17.733	33	12	35	10.5	27
cicut	12.3	20	-10.2	31 26 36	29.9	17	20,925 17,733 22,516	4	60	35 12	14.4	27 27 5
Hantic	7.8	00	-15.8	00	27.0	00	(NA)	00	357	00	11.1	(w)
ork	7.8 9.7	(X) 25 15	-13.4 -11.3	(X) 43 39	24.4	(x) 29	23,200 22,309	(X)	151	(X)	11.1	(X)
rsey	13.9	15	-11.3	39	37.8	11	22,309	5	79	9	10.6	26
tvania	.9	43	-21.0	47	25.0	28	19,404	16	127	4	11.3	20
th Central	2.4	(x) 38	-11.5	(x)	20.9	(x) 37	(NA)	(x)	505	(x)	11.9	(x)
	2.5	38	-12.3 -8.2	(X) 41	20.2	37	(NA) 19,902	(X)	144	3	12.8	(X)
	4.6	34 45	-8.2	30 49	26.6	26 39 33	19,024	17	72	10	11.8	18
in.	-1.5 5.7	32	-23.4	15	19.5	39	21,452 22,720	3	117	5	11.0 12.5	22
sin,	4.0	37	-8.1	15 27	18.9	42	18,202	29		13	10.7	22 14 24
rth Central	4.0	141	-6.1	641	20.5	64			140		10.7	
ota	4.8 6.8	(x) 30	6	(X) 16	21.2	(x) 35	(NA) 19,630 16,598	(x) 15	47	(X)	12.7	(x) 13 34 29 19 47 35
	-3.0 8.2	47	-17.9	46 22	14.2	46 30	16,598	43	20	28	10.1	34
ń	8.2	27	-34	22	23.8	30	18.915	20	43	17	10.4	29
Dakota	1.5 5.9 4.2	40 31 35	-3.8	23	19.4	40	15,778	48	2 2 9	44 44 39	11.4	19
ka	4.2	35	7.3 -10.8	38	19.3 26.7	41	16 106	50 46	2	30	10.0	35
	4.1	36	-8.1	29	15.7	25 45	14,477 16,106 17,934	31		31	9.2	39
lantic	18.3	M	1.3	M	40.7	~	1000	~	275	60		in
re	16.9	(x)	-4.1	(x) 24	39.6	(x) 9 7	(NA) 19,639	(x)	2/5	(x)	12,8	(X) 11 24 (X) 41
nd	14.0	14	-11.3	40	40.6	7	20,121	10	24	27	10.7	24
of Columbia	18.5	(x)	3.9	(x) 10	21.8	(x)	20,121 27,137 16,972	(x) 18	_1	(x) 20	3.9 9.0	(x)
firminia	-7.6	50	2.5 -25.8	50	41.8 21.6	34	18,972	18	37	36	13.1	41
firginia	14.8	11	1.5	11	32.7	34 13	17,001	24 39	69	11	8.3	43
Carolina	12.6	17	-7.1	25	40.0	8	16.600	42	34	21	9.4	36
	23.9 28.3	5	8.8 13.3	5	46.4 48.3	5	18,746 17,679	22 34	42	18	7.7	43 38 45 32
	20.3	•	13.3	3	48.3	3	17,679	34	48	14	10.2	32
th Central	7.3	(x) 33	-2.8	(x) 33	25.3	(X)	(NA) 17,357	(X)	114	(X)	8.9	(x)
ky	5.5 10.4	33	-8.4	33	23.0	31	17,357	37	26	24	10,3	30
19	7.7	23 29	-2.1 -1.4	20 17	32.3 26.4	14 27	17,661	35 36		18	8.7	(X) 30 42 40
ippi	2.4	39	.5	14	10.7	49	17,638 15,420	49		22 33	9.1 7.0	46
uth Central		141	-10.1	44			100			64		444
as	8.0 9.7	(x) 26	1.4	(X) 12	28.9 27.1	(X) 23	16,162	(X) 45	171	(X) 32	11.2 8.1	(X)
na	-3.5	48	-22.0	48	15.8	44	18,290	28	19	29 29	10.2	32
ma	2	44	-14.8	44 35	15.8	43	18,290 18,345	25	19	29	11.0	(X) 44 32 22
	12.5	18	-9.2	35	35.1	12	19,934	11	117	6	12.0	16
	15.2	(x)	7.1	(x)	32.1	(x)	(NA)	(x)	76	00	13.2	(x)
4	-1.6	46	-13.2	(X) 42	12.5	(X) 48	16,085	(X) 47		(X) 48	6.3 9.7	(x) 48 37 49
	1.5	41	-2.4 -16.7	21	13.3	47	16,602	41	5	42	9.7	37
ng	-5.3 12.1	49 21	2.5	45	9.3 28.3	50	18,969 20,275	19	27	48 23	5.9 14.0	49
exico	13.5	16	10.5	4	28.5	21 20	17,301	38	3	43	9.9	36
	32.2	1	19.2	7	57.0	1	18,870	21	26	24	15.9	3
	15.1 17.3	10	14.6	7 2	38.8 22.5	10	17,863 18,739	32		36	12.1 10.5	36 3 15 27
-	112		14.0	-	22.0	32	10,739	23	2	44	10.5	J
	12.8	(X) 24	1.2	(x) 18	26.5	(X) 22	(NA)	(X) 13	347	(X)	13.7	(X)
gton	10.1	24	-1.5 -8.4	18	27.4 20.2	22	(NA) 19,645	13	48	14	17.2	2
4	14.4	42 12	2.8	34	20.2	38 24	18,322 21,995	26 6		26	13.0 13.3	10
	31.1	2	-10.4	37	46.7	4	28,442	1		44	26.7	1
	8.0	28	-8.3	32	20.8	36	18,101	30		48	3.1	50

t available. X Not applicable. 

See table 641, 1988 Statistical Abstract. Source: U.S. Bureau of Labor Statistics of Covered by State unemployment insurance laws and for Federal civilian workers covered by unemployment companies. 
Preliminary. 
See 1257, 1988 Statistical Abstract. Source: U.S. Bureau of Labor Statistics. For covered by unemployment companies and loging, and tips and other gratuities. Preliminary. 
See 1257, 1988 Statistical Abstract. Source: U.S. Bureau of the Census.

[When States where the same rank, the next lower rank is omitted. Because of rounded data, States may have identical value shown, but different ranks]

	PER	RSONAL	INCOME 1		ENE	nav	ENE	nov	ENER	200	GROUND	
DIVISION AND STATE	Percent ch 1985-		Per ca		CONSUI PER CA	MPTION PITA. 4	EXPEND PER CA	PITA, 4	PRODUC PERC NUCLE 198	ENT AR 5	PERCE TOTAL WITHDI	WAT
	Percent	Rank	Dollars	Rank	Mil.Btu	Rank	Dollars	Rank	Percent	Rank	Per- cent	Ra
United States	6.3	(x)	14,641	(x)	310	(x)	1,847	(x)	16.7	(x)	18.5	
New England Maine New Hampshire Vermont Massachusetts Rhode Island Connecticut	8.7 10.1 7.5 8.4 7.6	(X) 4 1 17 5 14 7	17,166 12,790 15,911 13,348 17,722 14,579 19,600	(x) 33 8 29 4 20	217 261 200 215 213 202 218	(x) 39 49 46 47 48 45	1,662 1,769 1,540 1,619 1,628 1,528 1,770	(x) 28 48 46 44 49 26	33.6 57.3 65.4 6.0 58.0	(x) 4 (x) 1 29 (x) 3	4.3 9.4 29.4 3.3	
Middle Atlantic New York New Jersey Pennsylvania	7.9	(x) 10 16 35	16,508 17,111 18,626 14,249	(x) 5 2 21	236 190 282 276	(x) 50 32 34	1,658 1,449 2,089 1,697	(x) 50 8 36	26.7 19.8 51.3 27.0	(x) 20 5 11		
East North Central. Ohio	5.0 5.7 5.6 6.1	(x) 37 29 33 25 26	14,467 13,933 13,136 15,586 14,775 13,909	(x) 22 32 9 17 23	318 334 416 301 287 271	(x) 15 7 25 31 37	1,887 1,923 2,169 1,856 1,823 1,680	(x) 15 6 19 22 39	15.9 (z) 40.0 16.1 26.2	(x) 31 (x) 8 23 13	7.9 6.7 5.3	
West North Central Minnesota lows Missouri North Dakota South Dakota Nebraska Kansas	6.6 5.5 5.7 3.7 7.7 5.3	(x) 24 34 28 45 12 36 31	13,992 14,994 13,348 13,789 12,472 11,814 13,742 14,650	(x) 15 29 24 35 39 25 18	320 292 319 293 439 271 310 411	(x) 30 21 29 5 36 24 8	1,885 1,764 1,957 1,797 2,387 1,770 1,838 2,114	(x) 29 14 25 5 27 20 7	19.4 38.9 12.4 13.2 40.7 23.6	(x) 9 26 25 (x) (x) 7 15	24.2 10.5 10.9 36.9 55.9	
South Atlantic Delaware Maryland District of Columbia Virginia West Virginia North Carolina South Carolina Georgia Florida	6.7 7.4 6.1 8.0 4.1 7.7 6.7	(x) 21 18 (x) 8 42 13 22 3 6	15,408 10,576 12,438	(x) 13 7 (x) 11 49 36 43 28	269 330 257 265 280 379 269 298 296 225	(x) 16 41 (x) 33 11 38 27 28 43	1,716 2,064 1,662 1,841 1,720 1,919 1,708 1,741 1,811 1,621	(x) 10 41 (x) 31 16 34 30 23 45	24.7 34.0 50.0 26.4 63.0 9.7 20.3	(x) (x) 10 (x) 6 (x) 12 27 18	(NA) 4.7 3.7 5.0 3.1 18.3	1
East South Central Kentucky Tennessee Alabama Mississippi	4.5 7.2 6.0	(x) 41 19 27 38	11,243 11,238 12,002 11,336 9,716	(x) 44 38 42 50	333 320 344 346 312	(x) 20 14 12 23	1,831 1,714 1,880 1,964 1,700	(x) 33 17 13 35	7.4 16.9 21.5	(X) (X) (X) 22 16		
West South Central	5.6 .2 1.0	(x) 30 48 47 46	12,735 11,073 11,193 12,283 13,478	(x) 47 46 37 26	535 323 710 405 545	(X) 18 2 9	2,652 1,864 3,019 2,053 2,785	(x) 18 2 11 4	5.7 25.3 20.1	(x) 14 19 (x) (x)	13.8	
Mountain Montana Idaho Wyorning Colorado New Mexico Arizona Utah Nevada	3.7 -1.5 4.8 3.7 9.3 4.6	(x) 23 44 50 39 43 2 40	11,422	(x) 40 45 34 12 41 27 48 10	316 421 346 688 273 316 257 322 327	(x) 6 13 3 35 22 40 19	1,789 2,067 1,697 2,794 1,642 1,800 1,714 1,684 2,022	(x) 9 37 3 43 24 32 38 12	19.5	(x) (x) (x) (x) 30 (x) 21 (x) (x)	46.	
Pacific Washington Oregon California Alaska Hawaii	7.5 7.5 5.6 7.9 -1.0 6.8	(x) 15 31 11 49 20		(x) 14 31 6 3 16	272 382 299 241 858 221	(x) 10 26 42 1	1,620 1,664 1,651 1,566 3,362 1,833	(x) 40 42 47 1 21	15.9 9.1 14.8 21.5	(x) 28 24 16 (x) (x)	10	

<sup>-</sup> Represents zero.

Economic Analysis.

See table 681, 1988 Statistical Abstract.

Statistical Abstract.

See table 911, 1988 Statistical Abstract.

Source: U.S. Energy Information Administration and Source: U.

[When States share the same rank, the next lower rank is omitted. Because of rounded data, States may have identical values shown, but different ranks]

United States  New England Maine New Hampshire Vermont Massachusetts Rhode Island Connecticut  Middle Atlantic New York New Jersey Pennsylvania  East North Central Ohio Indiana Illinois Michigan Wisconsin  West North Central Minnesota Iowa	DOME: TRAW EXPENDIT: 198  Mil. dol. 242,443  13,309 1,7502 1,228 5,666 488 2,635 38,792 16,538 12,933 9,321 29,713 6,849 2,965 6,662 7,172 4,065	VEL URES, 1	Registr per 1 popula 194 Rate 732 721 734 992 773 641 631 796 580 527 647	,000 tion, a 86 Rank (x) (x) 29 2 21 15 47 16	Accident per 10 popular 194 Paste 19.3 14.8 19.2 19.8 20.9 13.1 12.8	0,000 tion, <sup>2</sup> 15	Average per a pero chare 1980 Percent -25.6 (NA) 82.2 78.7	cre, ent ge, s -87 Rank (x) (x)	Market cas receip 198 Mil.dol. 135,185 1,742 365	its, "	Net income ratio 19 Ratio 22.5 (NA) 10.0	Rank
United States  New England Maine New Hampshire Vermont Massachusetts Rhode Island Connecticut  Middle Atlantic New York New Jersey Pennsylvania  East North Central Ohio Indiana Illinois Michigan Wisconsin  West North Central Minnesota Iowa	242,443 13,309 1,730 1,562 1,228 5,666 488 2,635 38,792 16,538 12,933 9,321 29,713 6,849 2,965 8,662 7,172	(X) 377 388 42 12 50 28 (X) 3 5 6	732 721 734 992 773 641 631 796 580 580 547	(X) 29 2 21 45 47 16	19.3 14.8 19.2 19.8 20.9 13.1	(x) (x) 30 28	-25.6 (NA) 82.2	(x) (x) 2	135,185 1,742 365	(x)	22.5	(x)
New England Maine. New Hampshire Vermont. Massachusetts Rhode Island Connecticut.  Middle Attentic New York New Jorsey Pennsylvania.  East North Central Ohio Indiane. Illinois Michigan Wisconsin.  West North Central Minnesota Iowa	13,309 1,730 1,562 1,228 5,666 488 2,635 38,792 16,538 12,933 9,321 29,713 6,849 2,965 8,662 7,172	(x) 37 38 42 12 50 28 (x) 3 5 6	721 734 992 773 641 631 796 580 527 647	(X) 29 2 21 45 47 16	14.8 19.2 19.8 20.9	(x) 30 28	(NA) 82.2	(X)	1,742 365	100		(x)
Maine New Hampshire Vermont. Massachusetts Rhode Island Connecticut.  Middle Atlantic New York New Jersey Pennsylvania.  East North Central Chio Indiane. Illinois Michigan Wisconsin.  West North Central Minnesota Iowa	1,730 1,562 1,228 5,666 488 2,635 38,792 16,533 9,321 29,713 6,849 2,965 8,662 7,172	38 42 12 50 26 (x) 3 5	734 992 773 641 631 796 580 527 647	2 21 45 47 16	19.2 19.8 20.9	28			365	(x)	(NA)	
New Hampshire Vermont. Massachusetts Rhode Island Connecticut.  Middle Atlantic New York New Jersey Pennsylvania  East North Central Ohio Indiana. Illinois Michigan. Wisconsin.  West North Central Minnesota Iowa	1,562 1,226 5,666 488 2,635 38,792 16,538 12,933 9,321 29,713 6,849 2,965 8,662 7,172	38 42 12 50 26 (x) 3 5	992 773 641 631 796 580 527 647	2 21 45 47 16	19.8 20.9 13.1	28				40		(X)
Vernont. Massachusetts Rhode Island Connecticut.  Middle Atlantic New York. New Jersey. Pennsylvania.  East North Central Ohio Indiana. Illinois Michigan Wisconsin.  West North Central Minnesota Iowe	1,228 5,666 488 2,635 38,792 16,538 12,933 9,321 29,713 6,849 2,965 8,662 7,172	42 12 50 28 (x) 3 5 6	773 641 631 796 580 527 647	21 45 47 16	20.9	21	/8./1		100	40	10.0	(x) 45 8 17 2
Massachusetts Rhode Island Connecticut.  Middle Attentic New York New Jorsey Pennsylvania.  East North Central Ohio Indiana. Illinois Michigan Wisconsin.  West North Central Mmnesota Jowe	5,666 488 2,635 38,792 16,538 12,933 9,321 29,713 6,849 2,965 8,662 7,172	12 50 28 (x) 3 5 6	641 631 796 580 527 647	45 47 16	13.1		78.4	5	109 398	48 43	49.2 31.3	17
Rhode Island Connecticut.  Middle Atlantic New York New Jersey Pennsylvania.  East North Central Ohio Indiana. Illinois Michigan Wisconsin.  West North Central Imnesota Iowe	488 2,635 38,792 16,538 12,933 9,321 29,713 6,849 2,965 8,662 7,172	50 28 (x) 3 5 6	796 580 527 647	47 16	12.8	46	86.5	1	423	42	111.3	2
Middle Atlantic New York New York New Jersey Pennsylvania  East North Central Ohio Indiana Illinois Michigan Wisconsin  West North Central Minnesota Jowe	38,792 16,538 12,933 9,321 29,713 6,849 2,965 8,662 7,172	(x) 3 5 6	580 527 647		14.0	48	67.1	7	75	49	183.2	1
Pennsylvania  East North Central  Ohio Indiana Illinois Michigan  Wisconsin  West North Central Minnesota Iowe	16,538 12,933 9,321 29,713 6,849 2,965 8,662 7,172	5	527 647		14.2	44	69.9	6	372	44	72.7	3
Pennsylvania  East North Central  Ohio Indiana Illinois Michigan  Wisconsin  West North Central Minnesota Iowe	12,933 9,321 29,713 6,849 2,965 8,662 7,172	5	647	(X) 50	13.2	(x)	(NA) 29.3	(x)	6,278	(x) 21 37	(NA) 22.9	(X)
Pennsylvania  East North Central  Ohio Indiana Illinois Michigan  Wisconsin  West North Central Minnesota Iowe	9,321 29,713 6,849 2,965 8,662 7,172	6	64/	50	12.0	50	29.3	8	2,533	21	22.9	23
Chio Indiana. Illinois Michigan Wisconsin West North Central Minnesota lowe	6,849 2,965 8,662 7,172	(x)	617	43 48	13.0 15.3	47	80.6 17.8	3	580 3,165	15	67.2 38.7	10
Chio Indiana. Illinois Michigan Wisconsin West North Central Minnesota lowe	6,849 2,965 8,662 7,172	(2)	735	M	15.9	(4)	(NA)	144	22 324	(**	(MAX	(4)
Indiane. Illinois	2,965 8,662 7,172	101	775	(x) 20 28	14.7	(X)	(NA) -45.5	(x) 43	22,321 3,610	(x)	(NA) 20.9	26
Michigan Wisconsin	7,172	25	743	28	19.0	32	-50.0	46	4,110	10	12.4	43
West North Central Minnesota	7,172 4,065	7	674	40	13.8	45	-49.0	45	6,880	5	17.2	(x) 26 43 36 39
West North Central Minnesota	9,000	8 20	786 686	18	17.7 16.3	35 39	-25.0 -37.6	32 38	2,664 5,057	19	15,6	39 20
Minnesota		1 10 77	12.22			27	27/12	-	0.3337	1	24.4	100
lows	16,469	(X)	834	(X) 13	18.0	(x)	(NA) -54.6	(x)	35,812	(x)	(NA) 20.1	(x) 29 28
TOTAL PROPERTY AND ADDRESS OF THE PARTY AND AD	5,209 1,918	31	842 969	13	15.7 16.6	41 38	-59.3	48	6,074 9,106	6 2	20.1	29
Missouri	4,976	17	709	33	20.0	27	-38.8	39	3,516	13	12.6	42
North Dakota	648	48	956	5	17.1	37	-30.4	35	2,299	24	16.9	42 37
South Dakota	576	49	956	4	20.1	26	-39.0	40	2,463	24	19.0	32
Nebraska Kansas	1,280	33	790 883	17	16.1	40 22	-47.2 -42.1	44	6,928 5,425	7	25.2 24.4	32 19 21
South Atlantic	45,759	001	776		23.3		1		16,115			
Delaware	660	(X) 47	766	(x) 25 27	19.1	(x) 31	(NA) -1.3	(x)	520	(x)	(NA) 59.0	(x) 5 13
Maryland	4,346	19	753	27	17.4	36	-18.2	26	1,186	34	36.2	13
District of Columbia	1,232	(X)	551	(x) 22	15.4	(x) 33	(x) 8.1	(x)	1,613	34 (x) 30	(x) 19.6	(X) 31 25
Virginia	5,305 1,298		771	22	17.9	33	8.1		1,613	30	19.6	31
West Virginia North Carolina	5,668	40	646 716	44 32 39	23.8	15	-21.2 -10.1	31	3,782	47	22.0 37.2	25
South Carolina	3,386	24	674	32	28.3	5	-11.8	23	894	11 36	9.3	11
Georgia	5,222	14	768	23	24.5	14	-5.6	17	3,206	14	30.9	18
Georgia	18,642	2	886	6	26.1	9	6.0	12	4,688	9	56.9	6
East South Central	9,168	(x) 30	778	(x) 35	24.2	(x)	(NA) -19.0	(x) 29	8,107	(X) 23	(NA) 20.8	(x)
Kentucky	2,290	30	708	35	20.1	24	-19.0	29	2.389	23	20.8	27
Tennessee	3,756	23	815	15	25.6	10	3.7	13	1,924	27	18.4	33
Alabama Mississippi	1,753	36 39	854 690	10 36	25.0 26.4	11	-6.3 -20.1	20 30	2,009 1,785	25 28	35.8	14
West South Central	24,247	(**)	745	100	23.3		-		15,459	643	77	
Arkansas	1,870	(x) 32	605	(x) 49	24.6	(x) 13	(NA) -30.9	(x) 36	3,022	(x)	(NA) 32.0	(x)
Louisiana	3,790	22	679	38	22.5	19	-41.6	41	1,372	32	6.3	49
Oklahoma Texas	2,902	26	882 756	8 26	23.6	17	-30.3 10.6	34	2,622 8,444	20	17.6 19.8	34
			1 2 3 3			100	1,740	1 2 4 5	I I COL	11 50	15.0	1
Montain	22,484 742	(x) 46	774	(x) 24	26.6 28.2	(x)	(NA) -28.9	(x) 33	1,213	(x) 33	(NA) 9.9	(x) 46
Idaho	975	43	860	9	26.7	7	-18.8	28	1,925	26	14.9	40
Wyoming	805	45	1,000	1	28.4	4	-6.2	19	566	40	1.6	40 50 38 35 22
New Mexico	5.005	16	848	11	19.4	29	-5.9	18	3,109	16	15.8	38
New Mexico	1,804 4,389	35	781	19	38.7	1	-34.1	37	1,010	35	17.5	35
Utah	1,852	18	709 664	34 41	29.5	23	-9.4 -14.3	21	1,495	31	23.2	22
Nevada	6,912	9	723	31	20.4 31.7	23	-14.9	25	570 232	46	7.3	41 48
Pacific	42,506	00	747	(x)	19.8	(00)	(NA)	00	19,230	00	(NA)	(x)
Washington	3,837	(x) 21	844	(x)	17.8	(x) 34 20	-1.8	(x) 15	2,793	(x) 18	(NA) 37.0	12
Oregon	2,462	29	824	14	22.5	20	-18.4	27	1,784	29	22.2	0.4
California		44	730	30	20.1							24
Alaska	32,507		652	42	23.8	25 16	-4.1 (NA)	16 (x)	14,049	50	32.6 41.4	(x) 12 24 15 9

NA Not available. X Not applicable. 

See table 396, 1988 Statistical Abstract. Source: U.S. Travel Data Center. Washington, DC. (Copyright). 
See table 999, 1988 Statistical Abstract. Source: U.S. Federal Highway Administration. 
See table 999, 1988 Statistical Abstract. Source: U.S. Department of See table 1066, 1988 Statistical Abstract. Covers land and buildings. Minus sign (-) indicates decrease. 
See table 1078, 1988 Statistical Abstract. 

See table 1079, 1999 Statistical Abstract.

[When States share the same rank, the next lower rank is omitted. Because of rounded data, States may have identical value shown, but different ranks]

		STING	HOUSING			MANUFA STABLIS	CTURING HMENTS 1		RETAI	L SALES	PER CAP	PITA
DIVISION AND STATE	PER	SALES, CENT NGE, <sup>1</sup> 15-86	CHAN	PERCENT CHANGE, <sup>2</sup> 1985-96		lue led, 85	Produ work percent 1982	ers, change,	Tot 19	al. 86	Periodia char 1982	
	Percent	Rank	Percent	Rank	Bil.dol.	Rank	Percent	Rank	Dollars	Rank	Percent	R
United States	11.6	(x)	3.6	(x)	999.3	(x)	-36.2	(x)	6,123	(x)	33.3	
New England		(x) 16	15.8	(X) 13	69.3	(x) 38	-39.3	(x) 10	7,662	(x)	53.4	
Maine	13.7	16	16.8	13	4.7 5.0	38	-25.5 -29.9	10	6,863	10	46.6 47.7	
New Hampshire	25.3	4	15.7	14	1.7	42	-38.3	30	8,344 7,305	7	46.0	
Massachusetts	5.1	31	15.3	15	33.0	11	-40.4	37	7,945	3	58.4	
Rhode Island	-7.1	36 47	34.0	18	20.6	39 18	-30.7 -46.0	19	6,355 7,680	18	45.5 51.7	
			1000		161.4	1.7	13.5	100	6,022	(x)		
Middle Atlantic	13.7	(x) 15	3.9	(x) 25	73.4	(x) 2 9	-47.4	(x) 48	5,770	(x)	39.4 40.3	1
New Jersey	. 7.3	25	19.0	10	36.1	9	-45.9	46	6,955	9	42.3	1
Pennsylvania	22.5	5	29.9	8	51.9	7	-39.2	33	5,800	32	35.7	1
East North Central	13.2	(x) 21	33.8	(x)	234.5	(x)	-36.6	(x) 24	5,841	(x) 29	34.6	
OhioIndiana	10.7		32.2	7	64.2 33.5	10	-34.1 -29.6		5,854 6,026	29 23	36.2 39.3	1
Illinois	27.5	44	37.6 40.6	3	55.6	10	-40.8	16	5,721	38	29.4	ı
Michigan	11.6	20	34.1	5	53.6	6	-27.1	12	6,089	22	41.6	
Wisconsin	17.4	8	18.7	11	27.8	12	-52.2	50	5,410	42	25.0	1
West North Central	14.6	(x)	6.5	(x) 16	73.7	(x)	-36.3	(x)	6,159	(x)	36.8	
Minnesota	31.0	1	14.8		19.4		-41.1		6,655		40.3	1
lowa	16.7	10		28	13.4	24 16	-38.5 -35.2	32 27	5,621 6,292	39 19	29.3 43.6	1
Missouri	3.0 6.7	34 27	11.0 -43.8	48	21.8	49	-40.0	35	6,377	17	27.3	
North Dakota	16.8	9		40	1.4	44		7	5,597	40	30.2	1
Nebraska	4.1	33	14.5	17	5.3	34	-30.4	18	5,597 5,767 6,017	35	31.1	1
Kansas	14.8	13	-5.0	33	11.7	27	-31.0	21	6,017	24	33.8	1
South Atlantic	12.9	(x) 32	7.2	(x)	145.8	(x) 40	-28.4	(x) 49	6,202	(x)	34.7	1
Delaware	4.9	32	35.7	4	3.4	40	-50.0	49	7,115	. 8	36.4	ı
Maryland District of Columbia	17.4	24 (x) 6	10.5	22	11.9	26	-39.3 -64.7	34 (x)	6,768 5,420	12	37.8 28.0	1
Virginia	21.6	(1)	28.2	(x)	1.2	(x)	-23.5	100	6,126	(X)	36.1	1
Wast Virginia	5 3	30	60.0	1	4.7	37	-37.5	29	5,170	44	34.9	1
North Carolina	12.9	18	-2.0	29	39.1	8	-24.5	8	5,766	36	38.8	
South Carolina	10.3	22		39	14.6	23		13	5,410	43	39.4	1
North Carolina South Carolina Georgia Florida	15.4	12	9.9	23	27.0 21.7	13 17	-22.7 -34.1	25	6,010	25 13	39.2 27.5	
			1 200	0.5	1. 37.0	1	100	7.7	100	1	10.757	1
East South Central Kentucky Tennessee	1.6	(x) 38	-9.7 -4.2	(x)	62.2 15.5	(x) 20	-24.2 -27.9	(x)	5,195 5,041	(x) 45	33.9 27.8	1
Tennessee	12.9	17	-11.0	37	22.2	14	-25.5	11	6,003	26	42.9	1
Alabama	1.8	37	-9.4	36	15.3	21	-21.8	3	4,726	49	28.7	1
Mississippi	-3.7	43	-14.0	42	9.1	31	-20.3	1	4,657	50	32.2	1
West South Central	-2.7	(x) 28	-36.9	(x) 43	85.3	(x)	-41.4	(x)	5,929	(X)	17.7	1
Arkansas	6.0	28	-19.1	43	8.3	32	-21.1	40	4,947 5,427	47	25.3 19.0	
Louisiana Oklahoma	-22.9 5.6	49 29	-44.8 -33.8	49 45	12.3	25 30	-41.1 -45.7	45	5,427	27	19.9	1
Texas	-2.4	41	-37.7	46	55.2	5		43	6,198	20	15,8	
Mountain	.2	(x)	-7.6	(x)	29.4	(x)	-36.9	(x)	6,087	(x)	23.9	
Montana	7.2	(x) 26	-41.9	(X) 47	.9	(x)	-25.0	9	5,759	(x) 37	17.2	1
Idaho	-1.7	40		41	2.5	41	-22.9	5	4,981	46	20.0	
Wyoming Colorado	-6.2	46		44	10.1	50 28		35	7,600 6,822	11	37.5 26.4	1
New Mexico	-1.5	42 39	-7.2 -4.1	34	1.6			44 22	5,784	33	25.3	
New Mexico	2.9	35	-11.1	38	7.9	33	-37.3	28	5,807	31	21.1	1
Utah Nevada	-5.8 10.0	45 23	-7.6	35 12	4.8	36 46	-28.9 -35.0	15 26	4,854 7,807	48	19,6 28,3	
	1000	125	1 53		400		1	100	100000			
Pacific	17.3	(x)	8.7 3.5	(x) 26	137.7 14.8	(x)	-40.0 -43.0	(x) 42	6,457 5,851	(x)	29.8 25.1	
Washington Oregon California	14.5	14	-2.9	30	9.5	29	-30.8	20	5,883	28	24.3	
California	19.0	7	12.0	20	111.4	1	-40.5	38	6,577	15	31.5	
Alaska	-39.0 26.6	50		50	1.2	48		31	8,442 6,430	16	16.7 23.6	
		3		27		45		- 22				

Represents or rounds to zero. X Not applicable.

1 See table 1217, 1988 Statistical Abstract. Source: N ASSOCIATION OF REALTORS, Washington, DC. (Copyright).

1 See table 1210, 1986 Statistical Abstract. Source: U.S.! See table 1244, 1988 Statistical Abstract. Source: U.S.! the Census.

1 See table 1217, 1988 Statistical Abstract. Source: U.S.! See table 1210, 1986 Statistical Abstract. Source: U.S.!



# Telephone Contact List

To help Abstract users find more data and information about statistical publications, we are issuing this list of contacts for Federal agencies with major statistical programs. The intent is to give a single, first-contact point-of-entry for users of statistics. These agencies will provide general information on their statistical programs and publications, as well as specific information on how to order their publications,

#### executive Office of the President

Office of Management and Budget
Administrator
Office of Information and Regulatory Affairs
Office of Management and Budget
Washington, DC 20503
Information:(202)395-3000
Publications:(202)395-7332

#### **Separtment of Agriculture**

Economic Research Service
Information Division
Economic Research Service
U.S. Department of Agriculture
Room 208
1301 New York Ave., N.W.
Washington, DC 20005
Information and Publications:(202)788-1515

National Agricultural Statistics Service
National Agricultural Statistics Service
U.S. Department of Agriculture
14th St. and Independence Ave., S.W.
Washington, DC 20250
Information and Publications:(202)447-4021

#### Department of Commerce

U.S. Department of Commerce
Room 5058 Main Commerce
14th St. and Constitution Ave., N.W.
Washington, DC 20230
Press release information on statistical
series:(202) 377-4902
Recording for release times: (202)393-1847

Bureau of the Ceneus

Data User Services Division

Bureau of the Ceneus

U.S. Department of Commerce

Washington, DC 20233

Information and Publications:(301)763-4100

#### Department of Commerce—Con.

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Current Business Analysis Division
Bureau of Economic Analysis
U.S. Department of Commerce
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International Trade Administration
Office of Trade and Investment Analysis
International Trade Administration
Room 2814 B, Box 2217
U.S. Department of Commerce
Washington, DC 20230
Information and Publications:(202)377-4211

National Oceanic and Atmospheric Administration

National Oceanic and Atmospheric Administration Library
U.S. Department of Commerce
6009 Executive Blvd.
Rockville, MD 20652
Library and Information:(301)443-8330

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Department of Defense
Chief, Public Correspondence Division
Office of the Assistant Secretary of Defense (Public Affairs PC)
The Pentagon
Washington, DC 20301-1400
Information:(202)697-5737

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Office of Information Services
Statistical Information Office
U.S. Department of Education
555 New Jersey Ave., N.W.
Washington, DC 20208
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Energy Information Administration
Office of Energy Information Services
Energy Information Administration
U.S. Department of Energy
Washington, DC 20585
Information and Publications:(202)586-8800

#### Department of Health and Human Services

Health Resources and Services Administration

Administrator for Health Resources and Services

Health Resources and Services Administration

U.S. Department of Health and Human Services

5600 Fishers Lane

Parklawn Building 14-05

Rockville, MD 20857

Information:(301)443-2216 Publications:(301)443-2086

Alcohol, Drug Abuse, and Mental Health Administration

U.S. Department of Health and Human Services

5600 Fishers Lane

Room 12C15

Rockville, MD 20857

Information and Publications:(301)443-3783

#### Centers for Disease Control

Office of Information Centers for Disease Control 1600 Clifton Road, N.E. Atlanta, GA 30329

Public Inquiries: (404)329-3311

Health Care Financing Administration
Office of Public Affairs

Health Care Financing Administration U.S. Department of Health and Human

Services
Room 428H, Humphrey Building
200 Independence Ave., S.W.
Washington, DC 20201

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#### National Center for Health Statistics

Scientific and Technical Information Branch National Center for Health Statistics

U.S. Department of Health and Human Services

3700 East-West Highway, Room 157 Hvattsville, MD 20782

Information and Publications:(301)436-8500

# Department of Health and Human Con.

Social Security Administration

Publications Staff

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U.S. Department of Health : Services

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#### Department of Housing and Urbai Development

Assistant Secretary for Commun. and Development

Office of the Assistant Secrets munity Planning and Develop

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**Bureau of Mines** 

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#### Bureau of Justice Statistics

Statistics Division
Bureau of Justice Statistics
U.S. Department of Justice
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Washington, DC 20531
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#### lepartment of Justice-Con.

Federal Bureau of Investigation National Crime Information Center Federal Bureau of Investigation U.S. Department of Justice 9th St. and Pennsylvania Ave., N.W. Washington, DC 20535

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Immigration and Naturalization Service Statistics Branch, Room 5028 Immigration and Naturalization Service U.S. Department of Justice 425 | St., N.W. Washington, DC 20536

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#### **Department of Labor**

Bureau of Labor Statistics

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**Bureau of Labor Statistics** U.S. Department of Labor 441 G St., N.W., Room 2831A Washington, DC 20212 Information and Publications: (202)523-1221 Recording: CPI and PPI (202)523-9658

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#### Department of Transportation

Federal Aviation Administration

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Federal Highway Administration

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Information and Publications:(202)366-0660

National Highway Traffic Safety Administration

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Internal Revenue Service Statistics of Income Division Internal Revenue Service U.S. Department of the Treasury TR:S Room 401 11th St., and Constitution Ave., N.W. Washington, DC 20224 Information and Publications:(202)376-0216

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#### Section 1

### Population

This section presents statistics on the growth, distribution, and characteristics of the U.S. popularin. The principal source of these data is the Bureau of the Census, which conducts a decennial news of population, a monthly population survey, a program of population estimates and projectures, and a number of other periodic surveys relating to population characteristics. For a list of levant publications, see the Guide to Sources in Appendix I.

Decennial censuses.—The U.S. Constitution provides for a census of the population every 10 ers, primarily to establish a basis for apportionment of members of the House of Representatives nong the States. For over a century after the first census in 1790, the census organization was a mporary one, created only for each decennial census. In 1902, the Bureau of the Census was tablished as a permanent Federal agency, responsible for enumerating the population and also r compiling statistics on other subjects.

The census of population is a complete count. That is, an attempt is made to account for every irson, for each person's residence, and for other characteristics (sex, age, family relationships, c.). Since the 1940 census, in addition to the complete count information, some data have been tained from representative samples of the population. In the 1980 census, two sampling rates are employed. For most of the country, one in every six households (about 17 percent) received a long form or sample questionnaire; in areas estimated to have fewer than 2,500 inhabitants, ery other household (50 percent) received the sample questionnaire to enhance the reliability of imple data in small areas. Exact agreement is not to be expected between sample data and the implete census count. Sample data may be used with confidence where large numbers are infived and assumed to indicate trends and relationships where small numbers are involved.

Three different census counts for the resident population in 1970 are shown in the tables: 13,211,926; 203,235,296; and 203,302,031. The first is the initial tabulated count, the second is a official count, and the third contains the latest revisions. Breakdowns of the revised count of 13,302,031 are not available for demographic characteristics and may not be available for some vets of geography. The complete count data from the 1980 census shown in this edition are constant with figures published in the 1980 census final reports, series PC80-1-A.

Census data presented here have not been adjusted for underenumeration. Results from the raluation program for the 1980 census did not produce a definitive estimate of the undercount, but dishow that coverage improved substantially over previous censuses. The 1980 Post-Enumeration ogram (PEP) estimates of overall coverage ranged between a 1.0 percent overcount and a 2-direct undercount; Demographic Analysis (DA) estimated the net undercount at between 1.0 and 2 percent. Consistent estimates of census coverage for the last 5 censuses (1940-80) have been spared by the method of demographic analysis. For one set of estimates, demographic analysis lows a net underenumeration of about 3.2 million persons in 1980, 6.1 million in 1970, and 6.2 lilion in 1980. Among the persons not counted in 1980 about 1.5 million were white-and-other ces and 1.7 million were black. The overall rate of net underenumeration in 1980, according to is set of estimates, was 1.4 percent. In 1970, the rate was 2.9 percent as compared with 3.5 incent in 1980 and 4.4 percent in 1950. The percent net undercount of blacks—while still high lative to the rest of the population—dropped from 8.0 percent in 1970 to 5.9 percent in 1980. See the Coverage of Population in the 1980 Cansus, Evaluation and Research Reports, PHC80-E4, rithcoming, for a discussion of the various estimates of census coverage.

Current Population Survey (CPS).—This is a monthly nationwide survey of a scientifically sected sample representing the noninstitutional civilian population. The sample is located in 729 test comprising approximately 1,200 counties and independent cities with coverage in every State at the District of Columbia and is subject to sampling error. At the present time, about 71,000 tueing units or other living quarters are assigned for interview at any time, of which about 59,500 to occupied by households eligible for interview; of these, in turn, between 4 and 5 percent are, it various reasons, unavailable for interview.

While the primary purpose of CPS is to obtain monthly statistics on the labor force, it also as a vehicle for inquiries on other subjects. Using CPS data, the Bureau issues a series of putions under the general title of Current Population Reports, which cover population characte (series P-20), consumer income (series P-60), special studies (series P-23), and other topics.

Estimates of population characteristics based on the 1980 CPS will not necessarily agree the counts from the 1980 census because the CPS and the 1980 census used different proces for collecting and processing the data for racial groups, the Hispanic population, and other to Caution should also be used when comparing estimates for 1980 and later, (for education 1981 and later), which reflect 1960 census-based population controls to those for 1971 th 1979 (for education, to 1980), which reflect 1970 census-based population controls. This chair population controls had relatively little impact on derived measures such as means, mediant percent distribution, but did have a significant impact on levels. For example, use of 1980-population controls resulted in about a 2-percent increase in the civilian noinstitutional population the number of families and households. Thus, estimates of levels for 1980 and late differ from those for earlier years by more than what could be attributed to actual changes population and these differences could be disproportionately greater for subpopulation groups for the total population.

# COMPONENTS OF SELECTED POPULATION UNIVERSES: MARCH 1, 1986 [In thousands]

POPULATION UNIVERSE	Nun
Total population including Armed Forces overseas	:
Armid Forces oversess	
I lying all poet or with their femilies on poet	
Living on post without families.  Civilian population. Institutional population. Noninstitutional population.	:
Noninelitational population	1
Civilian noninstitutional population plus Armed Forces living off post or with their families on post (March	١.
Current Population Survey universe)	;

Population estimates and projections.—National population estimates are derived by using cennial census data as benchmarks and data available from various agencies as follows: Birth deaths (National Center for Health Statistics); immigrants (Immigration and Naturalization Se Armed Forces (Department of Defense and Department of Transportation) net movement be Puerto Rico and the U.S. mainland (Puerto Rico Planning Board); and Federal employees (Office of Personnel Management and Department of Defense). Estimates for States and a areas are based on data series such as births and deaths, school statistics from State depart of education and parochial school systems, and Federal income tax returns. These estimates tain estimated emigration of 160,000 per year since 1980 and net undocumented immigration, one Current Population Reports, series P-25, No.

The estimates of the components of change shown for intercensal periods for States in residual net migration plus the "error of closure," the unexplained difference between the est population at the end of the decade and the census count for that date. The error of closure national level was quite small during the 1950's (3,000) and 1980's (379,000). However, 1970's it amounts to almost 5 million.

National population projections indicate the approximate future level and characteristic population under given assumptions as to future fertility, mortality, and net immigration. The used to develop the projections involves preparation of projections of each of the compor population change—births, deaths, and net immigration—and the combination of these will estimates of the current population. Projections for States incorporate further assumption the redistribution of population as a consequence of internal migration.

Population estimates and projections are published in the P-25 and P-26 series of Curre lation Reports. These estimates and projections are generally consistent with official (census figures and do not reflect the amount of estimated census underenumeration.) I these estimates and projections by race have been modified and are not comparable to census race categories (see section below under "race"). For details on methodology, sources cited below the individual tables.

Immigration.—The principal source of immigration data is the Statistical Yearbook of the Immigration and Naturalization Service, published annually by the Immigration and Naturalization Service (INS), a unit of the Department of Juetice. Immigration statistics are prepared from entry visas and change of immigration status forms. The collection of U.S. Immigration statistics began under the Act of 1819. Data on persons arriving in ports were transmitted to the U.S. Secretary of State, who reported the information periodically to Congress. Subsequently, reports to the Secretary of State and to Congress were required by law, as well as the collection of data on immigrants arriving at land borders. Beginning in 1906, these arriving were divided into immigrants and nonimmigrants, depending on how long they intended to remain in the United States.

Immigrants are nonresident aliens (i.e., non U.S. citizens) admitted to the U.S. for permanent residence. The category includes persons who may have entered the U.S. as nonimmigrants or refugees, but who subsequently changed their status to that of a permanent resident. A large increase of immigrants admitted to the U.S. in one year may have been due to an influx of refugees one or two years earlier. Thus, immigrants as measured in tables 7 through 9 and 11 do not equal net civilian immigration as shown in table 6. Nonresident aliens admitted to the United States for a temporary period are nonimmigrants (see tables 392 and 393). Refugees are considered nonimmigrants when initially admitted into the U.S.

The Act of 1965, which became fully effective in July 1968, set up an annual numerical limitation of 170,000 immigrants from the Eastern Hemisphere, with no more than 20,000 immigrants to come from any one country, and a numerical limitation of 120,000 per year on Western Hemisphere immigration, which had previously been unrestricted. Western Hemisphere immigration, though restricted in total number, was not subject to preference category or per-country limitations. The 1965 Act thereby gave persons from every country within each hemisphere an equal chance to immigrants the United States. After 1968 immigrants were classified as these subject to numerical limitations of the Eastern Hemisphere and of the Western Hemisphere, and these exempt from numerical limitations (see table 9). These exempt include immediate relatives of U.S. citizens and various classes of special immigrants.

For immigrants subject to numerical limitations, numbers are allocated on a basis of six preference categories beginning in 1980 (previously 7 categories), four of which provide for reunion of families of U.S. citizens and resident aliens, and two for specified workers needed in the United States. Numbers not used by these six preferences are then available to qualified nonpreference immigrants. From 1968 to December 1976, preference classifications were applied only to immigrants from the Eastern Hemisphere. Beginning 1977, Western Hemisphere immigrants were also subject to preference and nonpreference classifications. Effective October 1978, the separate hemisphere limits were abolished in favor of a worldwide limit of 290,000. This limit was lowered to 280,000 for fiscal year 1980, and to 270,000 for fiscal year 1981 and subsequent years.

Effective November 1966, Cubans admitted or paroled (i.e., admitted without an immigration visa) into the United States after January 1, 1959, and present in the United States for at least 2 years, may obtain permanent resident status. A court decision in September 1976 exempted Cuban refuges from numerical limitations, retroactive to 1968. The Refugee Act of 1980 changed the residency requirement from two years to one year. Beginning in fiscal year 1985, INS began adjusting eligible Cuban entrants who were admitted to /kthe U.S. as part of the Mariel boat lift of 1980, which consisted of approximately 125,000 people.

Effective October 28, 1977, refugees from Vietnam, Laos, or Cambodia were eligible to apply for permanent resident status. Public Law 95-145 provided that Indochinese paroled into the United States after March 31, 1975, or physically present on that date, may become permanent residents after living for at least 2 years in the United States. This period was changed to one year under the Refugee Act of 1980. P.L. 95-145 expired on October 18, 1983. Indochinese refugees who entered the U.S. between March 1975 and April 1980 are eligible to adjust status under P.L. 95-412, the Act of October 5, 1978, which allows for the adjustment of refugee-parolees.

The Refugee Act of 1980, effective April 1, 1980, provides for a uniform admission procedure for refugees of all countries, based on the United Nation's definition of refugees. Authorized admission cellings are set annually by the President in consultation with Congress. After one year of residence in the United States, refugees are eligible for immigrant status.

Metropolitan Statistical Areas (MSA's), Consolidated Metropolitan Statistical Areas (CMSA's), and Primery Metropolitan Statistical Areas (PMSA's).—The general concept of an MSA is one of a large population nucleus together with adjacent communities which have a high degree of social and economic integration with that nucleus. CMSA's are large metropolitan complexes within which individual components, designated as PMSA's, have been defined. MSA's, CMSA's, and PMSA's are defined by the Office of Management and Budget as a standard for Federal agencies in the preparation and publication of statistics relating to metropolitan areas. The new terms MSA, CMSA, and PMSA went into effect June 30, 1983, replacing the previous terms SMSA (standard metropolitan statistical area) and SCSA (standard consolidated statistical area). The entire territory of the United States is classified as metropolitan (inside MSA's or CMSA's) or non-metropolitan (outside MSA's or CMSA's). MSA's, CMSA's, and PMSA's are defined in terms.

entire counties except in New England, where the definitions are in terms of cities and summarize data for New England that are available only by counties, New England Co. politan Areas (NECMA's) have been defined as a convenience for data users. From tir new metropolitan areas are created and the boundaries of others change. As a resu metropolitan areas over time may not be comparable and the analysis of historical trend made cautiously. For descriptive details, tables showing changes in metropolitan area and a listing of area titles and components of each metropolitan area, see Appendix II.

Urban and rural.—According to the 1980 census definition, the urban population co persons living in (a) places of 2,500 or more inhabitants incorporated as cities, villages (except in Alaska and New York), and towns (except in the New England States, New Wisconsin), but excluding those persons living in the rural portions of extended cities ( low population density in one or more large parts of their area); (b) census designated r viously termed unincorporated) of 2,500 or more inhabitants; and (c) other territory, inco unincorporated, included in urbanized areas. An urbanized area consists of a central cit tral core, together with contiguous closely settled territory, that combined have a total po at least 50,000.

In censuses prior to 1950, the urban population comprised all persons living in ir places of 2,500 or more inhabitants and areas (usually minor civil divisions) classifier under special rules relating to population size and density. To improve its measure of population, the Bureau of the Census in 1950 adopted the concept of the urbanized area eated boundaries for unincorporated places. The 1950 definition has continued subst changed, except for minor modifications in 1980, the introduction of the extended city 1970, and changes in the criteria for defining urbanized areas for 1980 so as to permit to be defined around smaller centers. In all definitions, the population not classified as stitutes the rural population.

Residence.-In determining residence, the Bureau of the Census counts each perso habitant of a usual place of residence (i.e., the place where one usually eats and sleeps) place is not necessarily a person's legal residence or voting residence, the use of the bases of classification would produce the same results in the vast majority of cases.

Race.—In the 1980 census, 15 groups were listed in the race item on the 1980 censu naire: White, Black, American Indian, Eskimo, Aleut, Chinese, Filipino, Japanese, At Korean, Vietnamese, Hawaiian, Samoan, Guamanian, and Other, The concept of race the Census Bureau does not denote any clear-cut scientific definition of biological stock 1980 census obtained information on race through self-identification by respondents, th resent self- classification by people according to the race with which they identify.

In 1980, if persons of mixed racial parentage could not provide a single response t question, the race of the person's mother was used; however, if a single response or provided for the mother, then the first race reported by the person was used. This is a r of the 1970 census procedure in which the race of the person's father was used.

The 1980 population totals for "White" and "Other" are not comparable with correct ures from previous censuses. The lack of comparability is due to changes in the we spondents reported their race as well as changes in 1980 census procedures related \$ classification. (For a fuller explanation, see 1980 Census of Population, Volume I, Gene tion Characteristics (PC80-1-B).)

Estimates of the population by race for April 1, 1980 (shown in tables 17 and 20) a counts and are not comparable to the 1980 census race categories. These estimates we ed using 1980 census data by race which had been modified to be consistent with the ra ries used in the reporting of vital statistics by the U.S. National Center for Health Statis tailed explanation of the race modification procedure appears in Current Population Rep P- 25, No. 917.

In the Current Population Survey (CPS) and other household sample surveys in white obtained through personal interview, respondents are asked to classify their race as 1 Black, 3) American Indian, Aleut, or Eskimo, or 4) Asian or Pacific Islander. The pro classifying persons of mixed races who could not provide a single response to the rat are generally similar to those used in the 1980 census. For comments on comperable CPS and census data, see section above on Current Population Survey.

Hispanic population.—In the 1980 census, the Bureau of the Census collected d Spanish origin population in the United States by using a self-identification question. Spanish/Hispanic origin or descent are those who classified themselves in one of the t panic origin categories listed on the questionnaire—Mexican, Puerto Rican, Cuban, or 🕻 ish/Hispanic origin. The 1980 figures on Spanish origin are not directly comparable census data on Spanish origin because of factors such as overall improvements ti census and improved question design. Also, it should be noted that Hispanic persons any race.

Ы

In the Current Population Survey (CPS), information on Hispanic persons was gathered by using a self-identification question. Persons classified themselves in one of the Hispanic categories in response to the question. "What is the origin or descent of each person in this household?" Hispanic persons in the CPS were persons who reported themselves as Mexican-American, Chicano, Mexican, Puerto Rican, Cuban, Central or South American, or other Hispanic origin.

**Mativity.**—The native population consists of all persons born in the U.S., Puerto Rico, or an outlying area of the U.S. It also includes persons born at sea or in a foreign country who have at least one American parent. All others are classified as "foreign born."

Mobility status.—The U.S. population is classified according to mobility status on the basis of a comparison between the place of residence of each individual at the time of the survey or census and the place of residence at a specified earlier data. Nonmovers are all persons who were living in the same house or apartment at the end of the period as at the beginning of the period. Movers are all persons who were living in a different house at the and of the period from that in which they were living at the beginning of the period. Movers from abroad include all persons, either citizens or aliens, whose place of residence was outside the U.S. at the beginning of the period: that is, in Puerto Rico, an outlying area under the jurisdiction of the U.S., or a foreign country.

Living arrangements.—Living arrangements may be in households or in group quarters. A "household" comprises all persons who occupy a "housing unit," that is, a house, an apartment or other group of rooms, or a single room that constitutes "separate living quarters." A household includes the related family members and all the unrelated persons, if any, such as lodgers, foster children, wards, or employees who share the housing unit. A person living alone or a group of unrelated persons sharing the same housing unit as partners is also counted as a household. See text, section 26, Construction and Housing, for definition of "housing unit."

All persons not living in households are classified as living in group quarters. These individuals may be institutionalized, e.g., under care or custody in juvenile facilities, jails, correctional centers, hospitals, or rest homes; or they may be residents in college dormitories, military barracks, rooming houses, etc. (see table 74).

Householder.—Beginning in 1980, the terms "householder" and "family householder" have been used in the presentation of data that had previously been presented with the designations "head of household" and "head of family". The householder is the first adult household member listed on the questionnaire. The instructions call for listing first the person (or one of the persons) in whose name the home is owned or rented. If a home is owned or rented jointly by a married couple, either the husband or the wife may be listed first. Prior to 1980, the husband was always considered the household head (householder) in married-couple households.

Family.—The term "family" refers to a group of two or more persons related by birth, marriage, or adoption and residing together in a household. A family includes among its members the householder.

Subfamily.—Subfamilies are divided into "related" and "unrelated" subfamilies. A related subfamily consists of a married couple and their children, if any, or one parent with one or more never married children under 18 years old living in a household and related to, but not including, the householder. Members of a related subfamily are also members of the family with whom they live. The number of related subfamilies, therefore, is not included in the number of families. An unrelated subfamily comprises two or more persons such as guests, lodgers, or resident employees who are related to each other but not to householder.

Married couple.—A "married couple" is defined as a husband and wife living together in the same household, with or without children and other relatives.

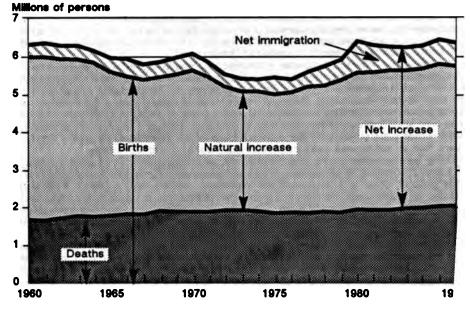
Unrelated individuals.—"Unrelated individuals" refers to persons (other than inmates of institutions) who are not living with any relatives. An unrelated individual may be a nonfamily householder who lives alone or with nonrelatives only, or a secondary individual such as a guest, lodger, or resident employee who is not related to any other persons in the household. Persons in group quarters, except inmates of institutions, are classified as secondary individuals.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to Historical Statistics of the United States, Colonial Times to 1970. See Appendix IV.

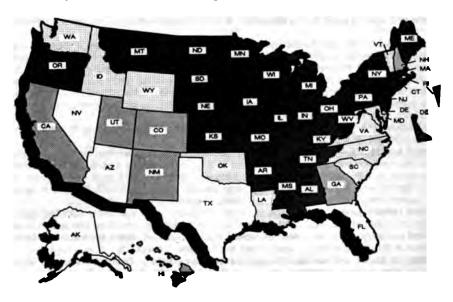
Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in State and Metropolitan Area Data Book 1986. For cross-references, see Appendix V.

Figure 1.1 Components of Population Change: 1960 to 1986



Source: Chart prepared by U.S. Bureau of the Census. For data see table 6.

Figure 1.2
State Population-Percent Change: 1980 to 1986



Percent: Under 5 5-10 10-15 over 15
Source: Chart prepared by U.S. Bureau of the Census. For data see table 25.

#### No. 1. POPULATION AND AREA: 1790 TO 1980

[Area figures represent area on indicated date including in some cases considerable areas not then organized or settled, and not covered by the census. Total area figures for 1790-1970 have been recalculated on the basis of the remeasurement of States and counties for the 1990 census. The land and water area figures for past censuses have not been adjusted and are not strictly comparable with the total area date for comparable dates because the land areas were derived from different base data, and these values are known to have changed with the construction of reservoirs, delning of lakes, etc. Density figures are based on land area measurements as reported in earlier consuses. For additional area data, see tables 3 and 319]

	R	ESIDENT PO	PULATION		ARE	(square miles)	
CENSUS DATE	Number	Per square mile of	Increase preceding		Gross	Land	Water
		land area	Number	Percent			
CONTERMINOUS U.S. 1		1					
1790 (Aug. 2)	3,929,214	4.5	1,379,2 <del>00</del>	(X) 35.1	991,364	864,748	24,065
1800 (Aug. 4)	5,308,483	8.1	1,379,269	35.1	891,364	864,746	24,065
	7,239,881 9,636,453	4.3	1,931,398 2,398,572	36.4 33.1	1,722,685 1,792,562	1,681,828	34,175 38,544
1820 (Aug. 7) 1820 (June 1)	12,866,020	5.5 7.4	3,227,567	33.1	1,792,562	1,749,462 1,749,462	38,544
1840 (June 1)	17,969,453	9.8	4,203,433	32.7	1,792,552	1.749.462	38,544
	17,000,400		7,200,700		1,762,002	1,740,402	
1800 (June 1)	23,191,876	7.9	6,122,423	35.9	2,991,655	2,940,042	52,705
1800 (June 1)	31,443,321	10.8	8,251,445	35.6	3,021,295	2,969,640	52,747
1870 (June 1)	139,818,449	* 13.4	8,375,128	26.6	3,021,295	2,989,640	52,747
1800 (June 1)	50,155,783	16.9	10,337,334	26.0	3,021,295	2,989,640	52,747
1800 (June 1)	62,947,714	21.2	12,791,931	25.5	3,021,295	2,989,640	52,747
1800 (June 1)	75,994,575	25.6	13,046,861	20.7	3,021,295	2,969,834	52,563
1910 (Agr. 15)	91,972,266	31.0	15,977,691	21.0	3,021,295	2,969,565	52,822
1920 (Jen. 1)	105,710,620	36.6	13.738.364	14.9	3.021.295	2,969,451	52,936
1930 (Agr. 1)	122,775,046	41.2	17,064,426	16.1	3.021.295	2.977.128	45,250
1940 (Agr. 1)	131,069,275	44.2	8.894.229	7.2	3,021,295	2,977,128	45,250
1930 (Agr. 1)	150,697,361	50.7	19.026.086	14.5	3.021.295	2.974,726	47,861
1920 (Apr. 1)	178,464,236	60.1	27,766,875	18.4	3,021,295	2.988.054	54,207
UNITED STATES	,						
1930 (Apr. 1)	151,325,798	42.6	19,161,229	14.5	3.618,770	3,552,206	63,005
1920 (Apr. 1)	179,323,175	50.6	27.997.377	18.5	3,618,770	3.640.911	74,212
1870 (Apr. 1)	*203,302,031	*57.4	23,978,856	13.4	3,618,770	3,540,023	*78,444
1930 (Apr. 1)	226,545,805	64.0	23,243,774	11.4	3,618,770	3.539.269	79.481
1000 V. 1/	220,040,000	<b>0</b> 0	23,243,774	l ''. <b>-</b>	5,010,770	0,000,200	, ,,,,,,,,,,

X Not applicable. <sup>1</sup> Excludes Alaska and Hewell. <sup>9</sup> Revised to include adjustments for underenumeration in southern States; unrevised number is 36,556,371 (13.0 per square mile). <sup>9</sup> Figures corrected after 1970 final reports were leased. Source: U.S. Bureau of the Census, U.S. Census of Population: 1920 to 1990, vol. 1; and other reports and unpublished data. See also Areas of the United States, 1940, and Area Measurement Reports, 1990, series GE-20, No. 1.

#### No. 2. POPULATION: 1900 TO 1987

[In thousands, except percent. Estimates as of July 1. Prior to 1940, excludes Alaska and Hawali. Total population includes Armed Forces abroad; civilian population excludes Armed Forces. For basis of estimates, see text, section 1. See also Historical Statistics, Colonial Times to 1970, series A 6-8]

	Resi-		тот	AL.	Resi-	~		TOT	AL.	Resi-	~=
YEAR	dent popule- tion	YEAR	Popule- tion	Per- cent change	dent popule- tion	Civilian popula- tion	YEAR	Popule- tion	Per- cent change	dent popule- tion	Civilian popula- tion
1900	76,094	1960	152,271	1.7	151,868	150,790	1970	205,052	1.2	203,984	201,895
1905	83.822	1951	154,878	1.7	153,982	151,599	1971	207,661	1.3	208,827	204,895
1910	92,407	1952	157,553	1.7	158,393	153.892	1972		1.1	209,284	207,511
1915	100,546	1963	160,164	1.7	158,966	156,595	1973	211,909	1.0	211,367	209,600
1920	106,481	1954	163,026	1.8	161,884	159,695	1974		i.ö	213,342	211,636
	100,-01	1507	103,020	ا ۵۰۰	101,00-	130,000	10/4	213,00-		210,042	211,000
1925	115,829	1966	165,931	1.8	165,069	162,967	1975	215,973	1.0	215,465	213,796
1930	123,077	1956	166,903	1.8	166,069	166,055	1976	218,035	1.0	217.563	215.894
1935	127,250	1967	171,954	1.8	171,187	169,110	1977		1.0	219,760	218,106
1940	132,457	1968	174,862	1.7	174,149	172.226	1978	222,585	1.1	222.095	220,467
1941	133,000	1968	177.830	1.7	177,135	175,277	1979	225,055	1.1	224,567	222,980
1001	133,000		177,030	1.7	177,130	1/5,2//	19/9	225,000	'.'	224,307	222,500
1942	134,617	1969	160.671	1.6	179,979	178,140	1960	227.757	1.2	227,255	225,651
1943	135,107	1961		1.7	182,992	181.143	1961		1.0	229,637	227,980
1944	133,915	1962	188,538	1.5	165,771	183,677	1962		1.0	231,996	230,327
1945		1963	169,242	1.4	166,483	188,493	1963		1.0	234,284	232,500
1946	140,686	1954	191,868	13	191,141	169,141	1984	237,001	1.0	236,477	234,762
	1-10,000	1507	191,000	1.7	101,141	100,141	1303	237,001	1.0	230,477	254,702
1947	144,083	1965	194,303	1.3	193,526	191,605	1985	239,263	1.0	236,741	237.036
1946	146,730	1966	196,580	1.2	196,576	193,420	1996	241,596	1.0	241,078	239.367
1946	149.304	1967	199,712	1.1	197,457	195,284	1967		او.	243.249	241,519
		1969		1.0	199,399	197,113	1007	2-0,773		2-10,2-10	271,018
	ł	1969	202,677	1.0	201,385	199,145					
	l		202,0//	1.0	201,300	188,140					ľ

Source: U.S. Bureau of the Census, Current Population Reports, series P-25, Nos. 802, 1006, and 1011.

#### No. 3. Population and Area-United States and Outlying Areas: 1980 to 1980

[For area of individual States, see table 318. Minus sign (-) indicates decrease. See also Historical Statistics, Colonial Times to 1970, series A 9-22 and J 1-2]

		RESIDENT POF	PULATION		Gross area
AREA	1960 (April 1)	1970 (April 1)	1500 (April 1)	Percent change, 1970-80	(land and water), 1960 (aq. nxi.)
Total	183,285,000	208,086,557	231,106,727	11.1	3,823,461
United States Puerto Rico 1	179,323,175 2,349,544	203,302,031 2,712,033	226,545,805 3,196,520	11.4 17.9	3,618,770 3,515
Outlying areas	4 123,151	* 314,657 * 179,519	368,856 235,927	17.2 31.4	1,176 459
Guam Virgin Islands American Samoa	32,099	64,996 62,468 27,159	105,979 96,569 32,297	24.7 54.6 18.9	209 132 77
Pacific Islands, Trust Territory of the *	62,434	81,300 9,640	7 116,149 16,760	42.9 74.1	• 533 184
U.S. population abroad *	647,730	1,737,836 1,114,224	995,546 562,962	(x) -49.5	(x) (x)
Armed Forces.  Civilians Dependents of Federal employees Crews of merchant vessels.	36.010	1º 1,057,776 56,449 371,366	10 515,408 11 47,554 10 432,584	-51.3 -15.8 16.5	XXXXXX
Crews of merchant vessels	32,464 187,834	15,910 1236,336	(NA)	88	XX XX

Source: U.S. Bureau of the Census, Census of Population: 1970, vol. I, and 1980 Census of Population. vol. 1, chapter A (PC8

No. 4. U.S. Population Abroad, by Selected Country: 1987

[In thousands. As of May 1. Data compiled as part of noncombatant personnel evacuation requirements report]

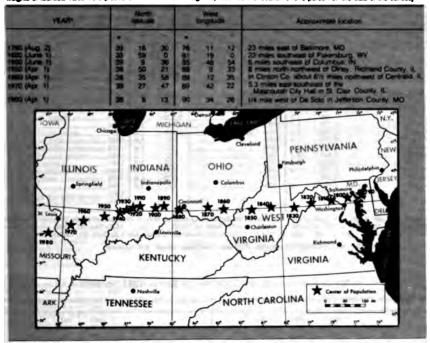
COUNTRY	Total 1	Resident U.S. citizen	U.S. touriets	COUNTRY	Total 1	Resident U.S. citizen	U.S touri
Total *	4.442.3	1,981,3	772.0	Japan	104.1	40.6	
Australia		67.8	15.4	Jerusalem	43.7	30.4	
Behames. The		5.1	5.1	Mexico		294.1	1
Belgium	22.5	14.7	2.7	Netherlands	26.1	17.3	
Brazii	76.6	41.5	11.2	Norway		13.4	
Canada	433.9	314.8	112.8	Panama	37.1	9.9	
Chine: Taiwan	87.1	9.1	.6	Philippines	212.2	39.6	
Colombia	30.2	16.8	1.9	Portugal	35.6	13.4	
Costa Rica	29.3	15.8	3.5	Saudi Arabia	112.5	23.6	
Dominican Republic		60.8	10.8				
• • • • • • • • • • • • • • • • • • • •				South Africa	28.3	10.5	
Ecuador	18.7	12.5	1.2	South Korea	124.5	10.0	
Egypt	19.8	11.1	.2	Spain	114.1	56.7	
France	136.1	40.2	82.2	Switzerland	34.0	21.0	
Greece	74.5	54.1	14.1	Trinided and Tobago	20.7	2.6	
Hong Kong	120.2	14.3	5.7	United Arab Emirates	37.5	4.9	
Ireland	39.7	29.6	3.6	United Kingdom	247.2	135.6	
lerael	139.1	75.8	60.0	Venezuele	42.7	19.8	
Italy	195.2	88.9	41.4	West Germany	547.3	136.7	l
Jamaica	21.3	4.8	10.4			i	l

Includes Dept. of Defense noncombetant employees, other U.S. government employees, dependents of U.S. military and amployees, and third country and host nationals and relatives, not shown separately.

Source: U.S. Dept. of State, unpublished data.

No. 5. Center of Population: 1790 to 1980

("Center of population" is that point at which an imaginary flat, weightless, and rigid map of the United States would balance if weight represented the location of one person on the date of the census



<sup>1</sup>For dates of admissions of the States and changes in areal definition, see "State Origins and Boundaries" United States Summary, U.S. Census of Population: 1980, vol. 1. For year of admission to statehood, see table 318.

Source: U.S. Bureau of the Census, 1980 Census of Population, Vol. 1.

NO. 6. ESTIMATED COMPONENTS OF POPULATION CHANGE: 1950 TO 1986
[For explanation of annual everage percent change, see Guide to Tabular Presentation]

		T	OTAL (Ja	n. 1-Dec.	31)		RATE	PER 1,0	00 MIDY	EAR POP	PULATION
YEAR OR PERIOD	Population	Net inc	rease 1	Natural	increase	Net	Net	Nat	ural incr	ease	Net
	of period (1,000)	Total (1,000)	Per- cent <sup>2</sup>	Births 3 (1,000)	Deaths 4 (1,000)	civilian immigra- tion (1,000)	growth rate 1	Total	Birth rate 3	Death rate 4	civilian immigra- tion rate
1950	151,135	2,486	1.7	3,645	1,468	299	16.3	14.3	23.9	9.6	2.0
1955		2,925	1.8	4.128	1,537	337	17.6	15.6	24.9	9.3	2.0
1960		2,901	1.6	4,307	1,708	327	16.1	14.4	23.8	9.5	1.8
1965		2,315	1.2	3,801	1,830	373	11.9	10.1	19.6	9.4	1.9
1970		2,617	1.3	3,739	1,927	438	12.8	8.8	18.2	9.4	2.1
1975	214,931	2,165	1.0	3,144	1,894	449	10.0	5.8	14.6	8.8	2.1
1978		2,388	1.1	3,333	1,928	508	10.7	6.3	15.0	8.7	2.3
1979		2.586	1.2	3,494	1,914	540	11.5	7.0	15.5	8.5	2.4
1980		2,582	1.1	3,612	1,990	845	11.3	7.1	15.9	8.7	3.7
1961	200 000	2,371	1.0	3,629	1,979	718	10.3	7.2	15.8	8.6	3.1
1982	231,405	2,332	1.0	3,681	1,975	626	10.0	7.3	15.8	8.5	2.7
1983		2.224	1.0	3,639	2,020	605	9.5	6.9	15.5	8.6	2.6
1984		2,246	1.0	3.669	2.040	615	9.5	6.9	15.6	8.6	2.6
1985		2,316	1.0	3,750	2.063	648	9.7	7.0	15.7	8.7	2.7
1986		2,219	.9	3,687	2,093	625	9.2	6.6	15.3	8.7	2.6
			-		ANNU	AL AVERAGES					
1950-1954	151,135	2,690	1.7	3,902	1,500	285	17.1	15.2	24.8	9.5	1.8
1955-1959		2,960	1.7	4,259	1,614	316	17.2	15.4	24.8	9.4	1.6
1960-1964		2,767	1.5	4,210	1,757	346	14.9	13.2	22.6	9.4	1.5
1965-1969		2,125	1.1	3.628	1,888	419	10.7	8.7	18.3	9.5	2
1970-1974		2,216	1.1	3,370	1,946	359	10.6	6.8	16.1	9.3	1.7
1975-1979		2,304	1.0	3,293	1,909	449	10.4	6.3	14.9	8.7	2.0
		2,351	1.0	3,646	2,001	682	10.1	7.1	15.7	8.6	2.5
1980-1984 1985-1986		2,351	9	3,719	2.088	636	9.4	6.8	15.5	8.7	2.6
1502-1300	230,207	2,200		3.719	2,000	636	9.4	6.0	10.0	0.7	2.0

I includes oversear admissions into, less discharges from, Armed Forces and includes for 1950-1960 "error of closure" (the encount recessary to make the components of charge add to the net charge between computed), for which figures are not shown separately. \*\*Percent of population at beginning of period. \*\*Adjusted for underregistration prior to Roril 1, 1970 \*\*Piter to April 1, 1980, adjusted for underregistration of intent deaths.

Source: B.S. Bureau of the Conous, Current Population Reports, series P-25, Nas. 952, 1000, and unpublished date

#### No. 7. IMMIGRATION: 1820 TO 1986

[In thousands, except rate. For flocal years ending in year shown, except as noted; see text, section 9. For definition of immigrants, see text, section 1. For 1820–1807, allen passengers arriving; 1856–1801 and 1805–1807, immigrants arriving; 1892–1804 and 1806 to the present, immigrants admitted. Rates based on Bureau of the Census estimates as of July 1 for resident population through 1929, and for total population thereafter (excluding Alaska and Hawaii prior to 1959). See also Historical Statistics, Colonial Times to 1970, series C 89]

	TOT	AL	A STATE OF THE STATE OF	TO	TAL	0.000	TOTAL	
PERIOD	Num- ber	Rate 1	PERIOD OR YEAR	Num- ber	Rate 1	YEAR	Num- ber	Rate
1820-1986	53,122	3.4	1931–1940 1941–1950	528 1,035	4.7	1972	385 400	1.8
1820-1830 z	152	1.2	1951-1960	2,515	1.5	1974	-	1.5
1831-1840 3	599	3.9	1961-1970	3,322	1.7	1975	386	1.6
1841-1850 4	1,713	8.4	1971-1980	4,493	2.1	1976	399	1.5
1851-1860 4	2,598	9.3	1981-1986	3,466	2.4	1977	462	2.1
1861-1870 *	2,315	6.4	1965	297	1.5	1978	601	2.8
1871-1880	2,812	6.2	1966	323	1.6	1979	460	2.1
1881-1890	5,247	9.2	1967	362	1.8	1980	531	2.3
1891-1900	3,688	5.3	1968	454	2.3	1981	597	2.6
1901-1910	8,795	10.4	1969	359	1.8	1982		2.6
1911-1920	5,736	5.7	1970	373	1.8	1983	560	2.4
1921-1930	4,107	3.5	1971	370	1.8	1984	544	2.3
		100			1	1985	570	2.4
						1986	602	2.5

Annual rate per 1,000 U.S. population. Rate computed by dividing sum of annual immigration totals by sum of annual U.S population totals for same number of years.
 Col. 1, 1619—Sept. 30, 1630.
 Calendar years.
 Jan. 1, 1861—June 30, 1870.
 Includes transition quarter, July 1 to Sept. 30, 1976.

No. 8. IMMIGRANTS, BY COUNTRY OF BIRTH: 1961 TO 1986

(in thousands, For flees) years ending in year shown; see text, section 9. For definition of immigrants, see text, section 1]

COUNTRY OF BIRTH	COUNTRY OF BIRTH 1981- 1971- 1980, 1980, total total		1900,	1898	COUNTRY OF BIRTH	1961- 1970, total	1971- 1980, total	1980, 1980, 1981	19
All countries	3,321.7	4,403.3	2,864.4	601.7	Asia—Con. Jorden	14.0	29.6	14.9	
				1	Korea	35.8	272.0 22.6	166.0 97.4	1
Europe 1	1,238.6	801.3	321.8	62.5	Lebenon	7.5	33.8	17.0	l
Austria	13.7	4.7	1.9	.5	Pakistan	4.9	31.2	25.8	i
Belgium	8.5	4.0	2.6	.6	Philippines	101.5	360.2	221.2	1
Czechoelovekie	21.4	10.2	5.1	1.1	Theland	5.0	44.1	26.3	Ι `
Denmark	11.8	4.5	2.5	.6	Turkey	6.8	18.6	11.4	i
Finland	5.8	3.4	1.6	.3	Vietnam	4.6	179.7	234.8	l
France	34.3	17.8	10.1	2.5	North America 1		1,645.0	905.7	1
Germany	200.0	86.0	34.5	7.1	Canada	286.7	114.8	55.6	ł
Greece	90.2	93.7	16.3	2.5	Mexico	443.3	637.2	335.2	1.
Hungary	17.3	11.6	3.7	1.0	Ceribbean 1		759.8	371.6	1
Ireland	42.4	14.1	5.6	1.8	Berbedos	9.4 256.8	20.9 276.6	9.4 58.9	l
Italy	206.7	130.1	17.8	3.1	Dominican Republic	94.1	148.0	104.6	
Netherlands	27.8	10.7	5.6	1.3	Helti	37.5	58.7	43.9	1
Norwey		4.0	1.9	4	Jamaica	71.0	142.0	100.5	ŀ
Polend	73.3	43.6	36.3	8.5	Trinidad and Tobago	24.6	61.8	17.0	ı
Portugal	79.3	104.5	21.4	3.8					i .
Romania	14.9	17.5	16.8	5.2	Central America 1	97.7 15.0	132.4 34.4	123.1 42.9	
100 m	17.5	17.5	10.6	5.2	El SalvadorGuatemala		25.6	19.9	1
Soviet Union *	15.7	43.2	39.5	2.6	Nicerague	10.1	13.0	14.3	1
Spein		30.0	7.8	1.6	Panama	18.4	22.7	15.4	
Sweden	16.7	6.3	4.7	1.1		10.7			1
Switzerland	16.3	6.6	3.2	7.7	South America 1	228.3	284.4	184.0	ı
United Kingdom	230.5	123.5	71.7	13.7	Argentina	42.1	25.1	10.2	
Yugoslavia	46.2	42.1	8.1	2.0	Brazii	20.5	13.7	8.7	l
	70.2	-2.1	J 6.1	2.0	Colombia	70.3	77.6	51.6	ı
Acin 1	445.3	1.633.8	1.376.3	268.2	Ecuador	37.0	50.2	22.2	l
Cambodia	1.2	8.4	70.1	13.5	Guyana	7.1	47.5	42.7	l
China: Mainland	13		1	f 25.1	Peru	18.6	29.1	21.8	l
Talwan	96.7	202.5	180.9	13.4				l	ł
Hong Kong		47.5	25.7	5.0	Africa	38.3 17.2	91.5	77.0	1
India	31.2	176.8	119.7	26.2	Egypt	17.2	25.5	14.2	1
kan		46.2	62.5	16.5	Australia	9.9	14.3		[
rag	1 121:	23.4	12.9	1.3	New Zeeland	17	123	1 22	
larael	12.9	26.6	18.3	3.8	Other countries		17.7	<b>1</b> 22	
Japan		47.9	20.0	4.0			l ""		

<sup>1</sup> Includes countries not shown separately. 8 Europe and Asia.

Source: U.S. immigration and Naturalization Service, Statistical Yearbook, annual; and releases.

Source: U.S. Immigration and Naturalization Service, Statistical Yearbook, annual; and releases.

#### No. 9. IMMIGRANTS ADMITTED, BY CLASS OF ADMISSION: 1970 TO 1986

[For flecal year ending in year shown; see text, section 9. For definition of immigrants, see text, section 1. See also Historical Statistics, Colonial Times to 1970, series C 143-157]

CLASS OF ADMISSION	1970	1975	1980	1963	1984	1985	1986
Immigrants, total	373,326	386,194	530,639	559,763	543,903	570,009	601,708
Subject to limitations 1	287,283	281,561	289,479	269,213	262,016	264,208	266,968
Relative preferences	92,432	95,945	216,856	213,488	212,324	213,257	212,939
Unmarried sons and daughters of U.S. citizens	32,432	90,040	210,000	213,400	212,024	213,201	212,000
and their children (1st preference)	1.089	871	5,668	6.892	7,569	9,319	10.910
Spouses, unmarried sons and daughters of resi-	1,000	011	0,000	0,002	7,000	0,310	10,510
dent aliens, and their children (2d preference)	30,714	43,077	110,269	116.623	112,309	114,997	110,926
Married sons and daughters of U.S. citizens	30,714	43,077	110,209	110,023	112,309	114,997	110,920
Married sons and daughters or U.S. Citzens	8.350	2 000	40.750	20.040	44.004	10 100	00 700
(4th preference) 2 Brothers and sisters of U.S. citizens (5th prefer-	0,350	3,623	10,752	20,948	14,681	18,460	20,702
brothers and sisters of U.S. citizens (oth prefer-							
ence) 1	52,279	48,374	90,167	69,025	77,765	70,481	70,401
Occupational preferences	34,016	29,334	44,369	55,468	49,521	50,895	53,625
Immigrants in professions (3d preference)	10,142	8,363	8,238	12,338	10,691	10,947	11,763
Other workers (6th preference)	8,786	6,724	12,599	12,708	11,393	11,425	11,399
Their spouses and children	15,088	14,247	23,532	30,422	27,437	28,523	30,463
Conditional entrants a	9,863	9,129	12,222	(x)	(x)	(x)	(x)
Nonpreference (incl. private bill cases) *	36,057	25,961		1.2	1.5	7	1.72
Natives of Western Hemisphere, their spouses and	100000		1	1		100	
children 6	102,529	96,547	15,913	49	(x)	(x)	(x)
Catan Datana ta Maria Maria 10000 4	40.000		1	44	4.4	64	6.3
Cuban Refugee Act (Act of Nov. 1966) 4		24,554	(x)	(X) 208	(x) 171	(x)	404
Other 1	178	91	119	208	171	49	404
Exempt from numerical limitations	86,043	104,633	241,160	290,550	281.887	305,801	334,740
Immediate relatives	79,213	91,504	151,131	172,006	177,783	198,143	216,821
Wives of U.S. citizens		33,719	1	172,000	177,703	19594 715	100
Husbands of U.S. citizens	15,619	21,901	90,887	107,349	111,653	124,093	131,545
Children of U.S. citizens	18.095	22,315	26,562	29.960	31,559	35.064	40.044
Orphans.	(NA)	5,633	5,139	7,127	8,327	9.286	9.945
Parents of U.S. citizens	9,223	13,569	33,682	34,697	34,571	38,986	45,232
Parents of U.S. Citizens	9,223	13,308	33,002	34,097	34,571	30,900	40,232
Refugees	144	879	75,835	102,685	92,127	95,040	104,383
Cuban Refugee Act, Nov. 1966 *	124	879	6,021	3,274	3,460	14,288	30,152
Indochinese Refugee Act. Oct. 1977	(x)	(x)	22,497	3,122	875	166	136
Refugee-Parolee Act, Oct. 1978	ixi	(X) (X) (X)	46,058	13,409	7,657	3,766	1,720
Asylees, Refugee Act of 1980	63	(xi	1,250	2.914	5,607	5,000	5.000
Refugees, Refugee Act of 1980	1 20	126	(x)	79,965	74,528	71,820	67,375
Other refugees	(X) (X) (X) (X) 20	6-7	1 6	1	, ,,,,,	11,020	0.101
Special immigrants	1.844	2,854	3,142	3.175	2,338	2,551	2.992
Ministers of religion 2		1,231	1,529	1,734	1,540	1,853	2,060
Employees of U.S. Government abroad 3	290	1,622	1,354	529	535	479	773
Foreign medical graduates, I&NA Amendments of	290	1,022	1,354	529	535	4/9	""
1981 *	64	0.0	6.0	790	174	87	48
		(x)	(X) 259		89		111
Other special immigrants	5/	,	528	122	89	132	1111
Children born abroad to resident aliens or subse-		4					
quent to issuance of visa	3,012	3,636	4,059	3,501	3,759	3,508	3,554
Allens adjusted *	1,543	591	254	144	132	105	95
Spouses of U.S. citizens and their children, Act of		2.5	2.25	10000		10000	
April 1970	9	5,057	6,612	5,786	5,464	6,225	6,647
Investors, I&NA Amendments of 1981 2	(x)	(x)	(x)	616	128	52	40
Virgin Islands Nonimmigrants, Act of Sept. 1982	(x)	(x)	(x)	2,517	15	(x)	206
Others not subject to numerical limitation	278	112	127	120	141	177	

NO. 10. ESTIMATED REFUGEE ARRIVALS BY SELECTED COUNTRY OF CITIZENSHIP: 1982 TO 1986 [For flecal years ending in year shown; see text, section 9]

COUNTRY OF CITIZENSHIP	1983	1983	1984	1995	1983	COUNTRY OF CITIZENSHIP	1983	1983	1984	1905	1983
Tetal	4,250 100 100 20,850 500 700	2,900 	78,666 2,000 100 150 19,850 • 50 600 2,500	67,360 2,200 50 150 19,250 150 980 1,750	2,400 150 10,050 150 1,400 1,250	Hungery	2,000 9,600 6,500 2,900 2,750	950 900 1,900 2,980 5,550 3,750 1,400 23,050 150	550 2,660 150 7,200 3,950 4,250 750 24,980 500	500 3,450 250 5,250 2,850 4,500 660 25,400 450	660 3,200 300 12,900 3,600 2,000 600 22,460 360

<sup>-</sup> Represents zero. Includes those from countries other than those listed, those whose country of citizenship is unknown, and those with no country of citizenship.

Source: U.S. Dept. of Health and Human Services, Office of Refugee Resettlement, unpublished data.

<sup>-</sup> Represents zero. NA Not available.

3 From 1970 to December 1978, preference section 1.

3 Includes pouses and children.

3 Prior to 1961, conditional entrants were a 7th preference class.

4 Through 1975, includes private bill cases. No nonpreference visas issued since 1978. 1988 data represent prior contested cases.

5 No visas issued since 1978. 1988 data represent prior contested cases.

5 Beginning 1980, includes private bill cases.

6 Under sections 244 and 249, immigration and Naturalization Act.

Source: U.S. Immigration and Naturalization Service, Statistical Yearbook, annual.

#### No. 11. IMMIGRANTS ADMITTED AS PERMANENT RESIDENTS UNDER REFUGEE ACTS, BY COUNTR OF BIRTH: 1961 TO 1986

[For flexal years ending in year shown; see text, section 9. Covers immigrants who were allowed to enter U.S. under 1953 Rigee Relief Act and later acts; Hungarian paroless under July 1958 Act; refugee-escapes paroless under July 1980 Act; condition entries by refugees under Oct. 1955 Act; Cuban paroless under Nov. 1986 Act; beginning 1978, indochina refugees under Act Oct. 1977; beginning 1980, refugee-paroless under the Act of Oct. 1978, and asyless under the Act of March 1980; and beginn 1981, refugees under the Act of March 1980]

COUNTRY OF BIRTH	1961- 1970, total	1971- 1980, total	1961- 1980, total	1986	COUNTRY OF BIRTH	1961- 1970, total	1971- 1980, total	1961- 1960, total	19
Total Europe <sup>1</sup>	55,235	539,447 71,858 185	554,026 71,083 182	104,383 11,858 53	Asia 1 Cembodia China: Mainland	l, · -	210,683 7,739	436,183 68,936	13,
Bulgeria	1,799 5,709	1,238 3,646 143	513 3,601 287	134 841 104	Talwan Indonesia Japan	7,658 554	13,760 222 58	5,317 913 91	1
Greece Hungary Italy	586 4,044	478 4,358 346	800 1,616 177	27 543 24	Korea	7	21,690 150,266 16,865	99 96,643 216,079 48,105	7 23 13
Netherlands Poland Portugal	3,197	5,882 21	7 14,596 18	3,949	North America Cuba Other N. America	132,068 131,557	252,633 251,514 1,119	34,515 32,458 2,057	31, 30,
Romenia Soviet Union Spain	7,158 671 4,114	6,812 31,309 5,317	12,979 35,318 378	4,308 1,654 114	South America	123 5,486	1,244 2,901	927	2
YugoslaviaOther Europe	18,299	11,297 818	186 425	32 85	Other		36	37	

Represents zero.
 <sup>1</sup> Through 1970, Turkey included in Europe; thereafter, included in Asia.
 Source: U.S. Immigration and Naturalization Service, Statistical Yearbook, annual; and releases.

## No. 12. REFUGEE ARRIVALS BY SELECTED AREA OF CITIZENSHIP AND STATE: 1980 TO 1986 [For flood years ending in years shown; see text, section 9]

	800	THEAST A	BIA <sup>1</sup>	East Eu-			SOUT	HEAST AS	IA <sup>1</sup>	East	l
STATE	1980	1983	1986	rope */ Soviet Union, 1983	Other, <sup>a</sup> 1898	STATE	1983	1963	1898	Eu- rope */ Soviet Union, 1898	Oil
U.S	100,727	4 49,863	45,301	9,077	7,204	MO	1,713	629	713	189	
AL	853	206	267	14	4	MT	540	31	.33	3	l
***	1	24	39	1 14	12	NE	741	74	128	41	1
		871	657	150	133	NV	719	183	131	27	ı
_=	1,112		137			NH	130	143	46	15	1
		114		18	2	l			400	٠	1
CA	48,540	16,107	15,168	1,811	3,066	NJ	1,613	507	436	300	ľ
∞	2.792					NM	1,274	271	128		ł
		539	515	74	128	NY	5,938	2,165	1,946	1,602	ł
		608	521	237	38	NC	1,734	540	473	71	I
DE	. 72		30	3		ND	331	92	51	62	١
<u>pc</u>	3,191	200	107	84	125	<b>.</b>					1
FL	2,926	1,104	883	217	121	OH	2,465	778	504	156	
^^						OK	2,204	506	393	21	1
GA	2,427	1,043	823	85	120	OR	6,213	767	713	107	1
<u>H</u>		302	251	10	1 =	PA	6,689	1,744	1,300	370	1
<u>iD</u>	. 335	211	201	117	5	R1	1,132	492	371	57	ı
L	. 7,012	1,776	1,548	847	239	l				1 _	1
in	. 1,585	242	191	67	36	9C	573	61	71	]	1
			l			SD	389	38	40	53	
IA	2.837	563	751	35	6	TN	2,032	591	811	77	1
KS	1,924	803	517	7	14	TX	12,251	4,219	3,493	376	1
KY	. 790	354	387	3	18	UT	3,586	815	620	79	1
<u> </u>		725	599	5	16	VT	151	39	25	94	ı
ME	. 278	214	150	83	36					l	1
		l		l	l	VA	3,153	1,211	1,177	30	1
MD	. 1,257	548	502	170	317	WA	7,972	2,443	2,100	285	1
MA	.  3,748	2,520	1,941	293	87	I WV	213	22	13	6	i
MI		362	491	495	142	l wi	2,492	420	737	41	1
MN		1,480	1,938	69	82	WY	113	6	9	3	ı
MS	. 436	128	137	1 4	1				l		•

Represents zero.
 <sup>1</sup> Vietnem, Lace, and Cambodis.
 <sup>2</sup> Czechoelovskia, Hungery, Poland, and Roments.
 Adghanistan, Iran, Iran, and Ethiopia.
 <sup>4</sup> Includes those in Guam and whose destination is unknown.

Source: U.S. Dept. of Health and Human Services, Office of Refugee Resettlement, Report to the Congress, annual.

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idented. As of July 1, includes Armed Forces abroad. For derivation of estimates, see text, eacton 1, For Absorbed Colonial Times (Colonial Plantator) Statistica, Colonial Times to 1970, sentes A29-16 and A39-4
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VEAR AND BEX	Total, all ages	Under 5 years	5-13 years	14-17 years	18-21 years	22-24 years	26-20 years	30-34 years	36-39 years	40-44 years	45-54 years	55-64 years	66-74 years	years and over	16 years and over	18 years and over	21 years and over	65 years and over	Median (yr)
70 70 73	180,671	17.186	90000	948	82.00		10,836		46.0	9000		8880	9923	2.02.0 2.03.0 2.03.0 2.03.0 2.03.0 3.00.0 3.	148,070 67,040 040,040	116,146	08.127 08.127 08.138	22 80 107 22 80 107	85.83
	230 520 234 700 237 700	1000000	00000	9107	1000	8800	98798	9999		0416	11111	10000 0 1000 0 1000	1046	0000	72,00	8827 2088 1088 1088	3889 7845		88855
8.9		10,339	16.762	0.00 0.00 0.00 0.00	4.810		9,400		5 5 5	4,367 9,738	8 27	7.850		1,00	86.76	98,996	167,087	20,173	E 28
98	110,888 116,840	1000	9.46	7,611	8,013 7,728	90-	1,000	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	9 700	8,766 7,061	0.00	000	24.7	1007	988	84.408 86.408	78,611	000001 000011 000011	288
2828	91,352 104,898 116,668	10,000 8,415 8,040 8,788	16,203 17,986 15,203 14,695	8,536 7,816 7,286	4,745 7,275 8,663 7,800	3,286 4,986 6,370 6,419	9,000	8,079 8,879 0,180	6.408 7.160 8.969	0.00 V	10,436	8,067 9,849 1,582	7.032 8.662 9.630	25.00 25.00	82.428 74.303 89.833 96.443	59,610 70,482 85,731 91,886	56,997 64,993 79,928 86,150	8,138 11,663 15,336 17,000	88.88
SPICIENT DISTRIBUTION	123,776	8,854		7.918	7,524		1,00,1	914'0	9.470	7,316	11,737	11,774	0,081	7,880		99,898		17.360	33.0
190	0000	-4	201	97.0	200	000	-22	64	240	000	770	0-0		253	40.00			00	383
22	888	44	99	00	66	40	- 0	98	40	000	***	000	-04	***	76.7	22		===	38
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X. Net appropries. Bourse: U.S. Burseu of the Census, Current Aspublicon Asports, series P-PS, Nos. 819, 917, and 1000.

### No. 14. ESTIMATED COMPONENTS OF POPULATION CHANGE, BY RACE, 1970 TO 1986, AND PROJECTIONS, 1967 TO 2000

[includes Armed Forces overseas. Projections are for middle series (series 14). For explanation of methodology, see text section 1]

		TC	TAL (Jar	1. 1-Dec.	31)		RATE	PER 1,0	00 MID	YEAR PO	PUL
YEAR AND RACE	Popula- tion at	Net inc	rease 1	Natural	increase	Net	Net	Nati	ural inc	rease	
TEAH AND HACE	start of period (1,000)	Total (1.000)	Per- cent <sup>2</sup>	Births (1,000)	Deaths (1,000)	immigra- tion (1,000)	growth rate 1	Total	Birth rate	Death rate	in
ALL RACES		-				100			1-1		
Projections:					40.00				1.1		
1987	242,712	2.226	.92	3,748	2.121	600	9.1	6.7	15.4	8.7	1
1907											V.
1988	244,938	2,212	.90	3,758	2,141	595	9.0	6.6	15.3	8.7	1
1989	247,150	2,180	.88	3,756	2,161	585	8.8	6.4	15.1	8.7	1
1990		2,125	.85	3,731	2,180	575	8.5	6.2	14.8	8.7	
1995	259,238	1,767	.68	3.517	2.275	525	6.8	4.8	13.5	8.7	1
2000	267,498	1,522	.57	3,389	2,368	500	5.7	3.8	12.6	8.8	
WHITE		40.75	-	A		6.77		60	2.7	11/2	
1970	178,692	2,050	1.15	3,095	1,687	327	11.4	7.8	17.2	9.4	1
1975	186,955	1,459	.78	2.552	1,661	173	7.8	4.7	13.6	8.9	
1980		1,580	.81	2.899	1,739	431	8.1	5.9	14.8	8.9	L
981	196,414	1.554	.79	2,909	1.732	374	7.9	6.0	14.8	8.8	
1982	197,967	1,548	.78	2.942	1,729	334	7.8	6.1	14.8	8.7	1
902	197,907				1,729						ш
1983	199,515	1,472	.74	2,904	1,766	334	7.4	5.7	14.5	8.8	1
1984		1,476	.73	2,924	1,782	334	7.3	5.7	14.5	8.8	1
1985	202,464	1,521	.75	2,983	1,816	352	7.5	5.7	14.7	8.9	
1986	203,985	1,444	.71	2,927	1,830	346	7.1	5.4	14.3	8.9	
Projections:		45%	1	1.44	1.75		7.00	20	200	1	1
1987	205,430	1.512	.74	2.986	1,838	363	7.3	5.6	14.5	8.9	1
1988	206,943	1,494	.72	2,990	1,854	358	7.2	5.5	14.4	8.9	1
1989		1,460	.70	2.982	1,872	350	7.0	5.3	14.3	8.9	1
1000			.67			340	6.7	5.1	14.0	9.0	1
1990	209,897	1,408		2,955	1,888						1
1995		1,074	.50	2,744	1,966	296	5.0	3.6	12.7	9.1	1
2000	221,088	838	.38	2,602	2,038	273	3.8	2.5	11.7	9.2	1
BLACK	122.22	100	18.0		200	-1	12.5	100	-	1	ı
1970	22,617	424	1.87	575	226	39	18.6	15,3	25.2	9.9	1
1975	24,602	382	1.55	512	218	38	15.4	11.8	20.6	8.8	1
1980	26,680	452	1.69	590	233	75	16.8	13.2	21.9	8.7	1
1981		428	1.58	588	229	69	15.7	13.1	21.5	8.4	1
1982		424	1.54	593	227	58	15.3	13.2	21.3	8.2	П
1983		407	1.45	586	233	54	14.4	12.5	20.8	8.3	1
004									20.7		
1984		410	1.44	593	236	54	14.4	12.5		8.3	П
1985	28,802 29,224	422 420	1.47	609	244	58 57	14.6	12.6	21.0	8.4	1
	20,224	420	1,44	004	241	.57	14.3	12.3	20.5	0.2	L
Projections:	122	1	100		1 200	100	22.5			1	1
1987		430	1.45	618	249	61	14.4	12.4	20.7	8.3	1
1988	30,072	432	1.43	621	250	60	14.2	12.2	20.5	8.3	ľ.
1989	30,503	430	1.41	622	252	60	14.0	12.1	20.3	8.2	1
1990		426	1.38	620	254	60	13.7	11.8	19.9	8.1	1
1995	33,000	396	1.20	602	262	56	11.9	10.2	18.1	7.9	1
											1
2000	34,939	379	1.08	597	272	54	10.8	9.3	17.0	7.7	1

Includes oversess admissions into, less discharges from, Armed Forces and Includes for 1970-1980 "error of closure amount necessary to make the components of change add to the net change between censuses), for which figures are not a separately.

3 Percent of population at beginning of period.

4 Includes other races not shown separately.

Source: U.S. Bureau of the Census, Current Population Reports, series P-25, No. 1006 and forthcoming report.

#### No. 15. Projections of the Hispanic Population by Age and Sex: 1987 to 2000

[As of July 1, Includes Armed Forces overseas. See text, section 1 for explanation of methodology. Data are for the middle with the following assumptions about fertility (ultimate lifetime births per woman), mortality (life expectancy in 2006 immigration (yearly net immigration): 1.9 births per woman, 81.0 years, and 143,000 net immigration. These projections a consistent with those shown in tables 14 and 16]

0.000		P	OPULATIO	ON (1,000	))		PERC		PERC
AGE AND SEX	1987	1988	1989	1990	1995	2000	1990	2000	1980- 1990
Total	4,445 2,349 3,452 2,383 1,471 1,092	18,833 2,198 4,563 2,356 3,527 2,515 1,528 1,125 637 385	19,358 2,242 4,690 2,369 3,585 2,651 1,594 1,156 670 402	19,887 2,282 4,825 2,387 3,629 2,788 1,668 1,183 707 419	22,550 2,412 5,555 2,511 3,717 3,430 2,165 1,342 894 525	25,223 2,496 6,207 2,767 3,804 3,803 2,811 1,619 1,041 678	100.0 11.5 24.3 12.0 18.2 14.0 8.4 5.9 3.6 2.1	100.0 9.9 24.6 11.0 15.1 15.1 11.1 6.4 4.1 2.7	34.5 36.2 21.0 5.3 42.1 74.9 39.3 50.1 53.0 64.3
16 years old and over	12,370	12,729	13,090	13,453	15,322	17,419	67.6	69.0	37.8
Male	9,155 9,157	9,417 9,416	9,681 9,678	9,947 9,940	11,285 11,265	12,627 12,596	50.0 50.0	50.1 49.9	34.9 34.2

Source: U.S. Bureau of the Census, Current Population Reports, series P-25, No. 995.

No. 16. Projections of the Total Population by Age, Sex, and Race: 1987 to 2000

[As of July 1. Includes Armed Forces oversees. Data are for middle series. For explanation of methodology, see text, section 1. Minus sign. —) indicates decrease]

AGE, SEX, AND RACE			POPULATI	ON (1,000)			PERC	ENT		NGE
AGE, SEX, AND HACE	1987	1988	1989	1990	1995	2000	1990	2000	1980- 1990	1990-
Total population 1	243,827	246,048	248,251	250,410	260,138	268,266	100.0	100.0	9.9	7.1
Under 5 years old	18,198	18,269	18,413	18,408	17,799	16,898	7.4	6.3	11.8	-8.2
Under 5 years old	45,277	45.344	45,269	45,630	48,374	48.815	18.2	18.2	-3.4	7.0
		26,904	26,591	26,140	24,281	25,231 37,149	10.4	9.4	-13.9	-3.5
25-34 years old	43,513	43,861	44,024	43,925	40,962	37,149	17.5	13.8	16.7	-15.4
25-34 years old	34,371	35,321	36,548	37,897	42,336	43,911	15.1	16.4	46.5	15.9
45-54 years old	23,277 22,005	24,151	24,872	25,487 21,364 18,373	31,297 21,325 18,930	37,223	10.2	13.9	12.0	46.0
85-74 years old	17,646	17,873	21,544 18,129	18 373	18 020	24,158 18,243	8.5 7.3	9.0 6.8	-1.8 17.4	13.1
65-74 years old	12,185	12,527	12,863	13,187	14,834	16,639	5.3	6.2	31.2	26.2
16 years old and over	187,955	189,810	191,451	192,989	201,018	210,134	77.1	78.3	11.9	8.9
Male, total	118,939	120,054	121,159	122,243	127,123	131,191	100.0	100.0	10.2	7.3
Under 5 years old	9,314	9,351	9,426	9,426 23,377	9,118	8,661	7.7	6.6	12.0	-8.1 7.1
5-17 years old	23,190	23,228	9,426 23,190 13,440	23,377	24,787	25,027	19.1	19.1	-3.2	7.1
18-24 years old	13,824	13,598	13,440	13,216	12,290	12,770	10.8	9.7	-13.8	-3.4
25-34 years old	16,000	22,032 17,466	22,126 18,094	22,078 18,785	20,579 21,104	18,662	18.1 15.4	14.2	17.8	- 15.5 16.8
45 54 years old	11,314	11,750	12,104	12,406	15,292	21,945 18,296	10.1	13.9	47.7 12.8	47.5
55-64 years old	10.356	10,273	10,170	10 103	10,149	11,557	8.3	8.8	8	14.4
65-74 years old	7.809	7,923	8,052	12,406 10,103 8,171	8.476	8,242	6.7	6.3	20.3	.9
Male, total Under 5 years old 5-17 years old 18-24 years old 25-34 years old 35-44 years old 45-54 years old 55-64 years old 75 years old 75 years old	4,305	4,432	4,559	4,681	8,476 5,326	6,032	3.8	4.6	30.9	28.9
16 years old and over	90,333	91,255	92,070	92,834	96,834	101,392	75.9	77.3	12.4	9.2
Female, total Under 5 years old 5-17 years old 18-24 years old	124,888	125,995	127,092	128,167	133,016	137,076	100.0	100.0	9.7	7.0
Under 5 years old	8,884	8,918	8,987 22,079	8,982 22,253	8,681 23,587	8,237 23,788	7.0	6.0	11.7	-8.3
5-17 years old	22,087	22,115	22,079	22,253	23,587	23,788	17.4	17.4	-3.7	6.9
18-24 years old	13,531	13,307	13,150	12,924	11,991	12,461	10.1	9.1	-14.0	-3.6
25-34 years old	21,667	21,829	21,897	21,848	20,384	18,487	17.0	13.5	15.7	-15.4
35-44 years old	17,391	17,854	18,455	19,112	21,233	21,966	14.9	16.0	45.4	14.9
45-54 years old	11,962	12,401	12,768	13,081	16,005	18,927	10.2	13.8	11.3	11.9
65-74 years old	0.837	9 949	10,077	11,260	11,175	12,601	8.0	7.3	15.1	-2.0
10-24 years old	7,881	9,949 8,094	10,077 8,304	8,505	10,454 9,507	10,607	6.6	7.7	31.3	24.7
16 years old and over		98,554	99,381	100,155	104,184	108,742	78.1	79.3	11.5	8.6
White, total. Under 5 years old. 5-17 years old. 18-24 years old. 25-34 years old. 35-44 years old. 45-54 years old.	206,190	207,696	209,178	210,616	216,820	221,514	100.0	100.0	7.7	5.2
Under 5 years old	14,733	14,787	14,899	14,893	14,251	13,324	7.1	6.0	10.4	-10.5
5-17 years old	36,533	36,469 22,105	36,317	36,537	38,493	38,569	17.3	17,4	-6.3	5.6
18-24 years old	22,526	22,105	21,775 36,798	21,330	14,251 38,493 19,452 33,680	19,996	10.1	9.0	-16.7	-6.2
25-34 years old	30,543	36,749	31,223	36,620 32,306	35,635	36,574	17.4	13.5	13.6	-18.1 13.2
45-54 years old	20,073	20,838	21,450	21,950	26,879	31,618	10.4	14.3	9.8	44.0
55-64 years old	19 377	19,138	18,852	18,637	18,327	20,667	8.8	9.3	-4.5	10.9
65-74 years old	15.804	15,983	16,188	16,380	16,681	15,811	7.8	7.1	16.1	-3.5
55-64 years old	11,071	11,375	11,675	11,965	13,421	14,965	5.7	6.8	30.2	25.1
16 years old and over	161,122	162,390	163,468	164,465	169,665	175,579	78.1	79.3	9.6	6.8
Male Female	100,918	101,689	102,448	103,184	106,365	108,774	49.0	49.1	8.0	5.4
Female	105,272	106,007	106,730	107,432	110,455	112,739	51.0	50.9	7.4	4.9
Black, total  Under 5 years old. 5-17 years old 18-24 years old 25-34 years old 35-44 years old 45-54 years old 55-64 years old 56-64 years old	29,857	30,287	30,719	31,148	33,199	35,129	100.0	100.0	15.8	12.8
Under 5 years old	2,744	2,769	2,806	2.814	2,790	2,748	9.0	7.8	13.7	-2.3
5-17 years old	7,020	7,082	7,095	7,170	7,697	7,895	23.0	22.5	2.5	10.1
16-24 years old	3,902	3,853 5,562	3,845	3,813	3,703	3,924 5,264	12.2	11.2	-5.4 31.2	-7.4
35-44 years old	3,660	3,826	5,639 4,010	5,685	5,534 5,041	5,481	18.3 13.5	15.6	52.9	30.2
45-54 years old	2 492	2,558	2,620	2,686	3,261	4,106	8.6	11.7	17.4	52.9
55-64 years old	2 123	2,336	2,145	2,156	2,288	2,578	6.9	7.3	12.1	19.6
65-74 years old	1,516	1,545	1,576	1,608	1,762	1,848	5.2	5.3	19.0	14.9
75 years old and over	931	956	981	1,005	1,122	1,283	3.2	3.7	33.1	27.7
16 years old and over	21,239	21,592	21,920	22,226	23,860	25,708	71.4	73.2	19.2	15.7
Male Female	14,203	14,414 15,874	14,625	14,835	15,840 17,359	16,787 18,342	47.6 52.4	47.8 52.2	16.2	13.2

<sup>1</sup> includes other races not shown separately.

Source: U.S. Bureau of the Census, Current Population Reports, series P-25, forthcoming report.

No. 17. RESIDENT POPULATION, BY SEX, RACE, RESIDENCE, AND MEDIAN AGE: 1790 TO 1986

[In thousands, except as Indicated, Excludes Armed Forces abroad. For definition of median, see Guide to Tabular Presentation. See also Historical Statistics, Colonial Times to 1970, series A 73-81 and A 143-149]

	SE	EX		RAC	E		RESIDE	NCE 1	MEDIA	AN AGE (	years)
DATE		20.0		Ble	ack		Said !		All		
	Male	Female	White	Number	Percent	Other	Urban	Rural	races	White	Black
CONTERMINOUS U.S. 9		1.0	-		70	1.0		APC.		UI.	
1790 (Aug. 2)	(NA)	(NA)	3,172	757	19.3	(NA)	202	3,728	(NA)	(NA)	(NA
1800 (Aug. 4)	(NA)	(NA)	4,306	1,002	18.9	(NA)	322	4,986	(NA)	16.0	(NA
1810 (Aug. 6)	(NA)	(NA)	5,862	1,378	19.0	(NA)	525	6,714	(NA)	16.0	(NA
1820 (Aug. 7)	4,897	4,742	7,867	1,772	18.4	(NA)	693	8,945	16.7	16.5	17.
1830 (June 1)	6,532	6,334	10,537	2,329	18.1	(NA)	1,127	11,739	17.2	17.2	16.
1840 (June 1)	8,689	8,381	14,196	2,874	16.8	(NA)	1,845	15,224	17.8	17.9	17.
1850 (June 1)	11,838	11,354	19,553	3,639	15.7	(NA)	3,544	19,648	18.9	19.2	17.
1860 (June 1)	16,085	15,358	26,923	4,442	14.1	79	6,217	25,227	19.4	19.7	17.
1870 (June 1)	19,494	19,065	33,589	4,880	12.7	89	9,902	28,656	20.2	20.4	18.
1880 (June 1)	25,519	24,637	43,403	6,581	13.1	172	14,130	36,026	20.9	21.4	18.
1890 (June 1)	32,237	30,711	55,101	7,489	11.9	358	22,106	40,841	22.0	22.5	17.
1900 (June 1)	38,816	37,178	66,809	8,834	11.6	351	30,160	45,835	22.9	23.4	19.
1910 (Apr. 15)	47,332	44,640	81,732	9,828	10.7	413	41,999	49,973	24.1	24.5	20.
1920 (Jan. 1)	53,900	51,810	94,821	10,463	9.9	427	54,158	51,553	25.3	25.6	22.
1930 (Apr. 1)	62,137	60,638	110,287	11,891	9.7	597	68,955	53,820	26.4	26.9	23.
1940 (Apr. 1)	66,062	65,608	118,215	12,866	9.8	589	74,424	57,246	29.0	29.5	25.
1950 (Apr. 1)	74,833	75,864	134,942	15,042	10.0	713	96,468	54,230	30.2	30.8	26.
UNITED STATES	1797				-		400				1
1950 (Apr. 1)	75,187	76,139	135,150	15,045	9.9	1,131	96,847	54,479	30.2	30.7	26.
1960 (Apr. 1)	88,331	90,992	158.832	18,872	10.5	1,620	125,269	54,054	29.5	30.3	23.
1970 (Apr. 1) 3	98,926	104,309	178,098	22,581	11.1	2,557	149,325	53,887	28.0	28.9	22
1980 (Apr. 1) 4	110,053	116,493	194,713	26,683	11.8	5.150	167,051	59,495	30.0	30.9	24.
1982 (July 1) *	112,772	119,224	198,321	27,636	11.9	6,039	(NA)	(NA)	30.6	31.5	25.
1983 (July 1) 5	113,919	120,365	199,849	28,055	12.0	6,379	(NA)	(NA)	30.9	31.8	26.
1984 (July 1) s	115,022	121,455	201,290	28,457	12.0	6,730	(NA)	(NA)	31.2	32.1	26
1005 / h.h. 1) 5	116,161	122,579	202,765	28,878	12.1	7,097	(NA)	(NA)	31.5	32.4	26
1986 (July 1) s	117,360	123,718	204,301	29,306	12.2	7,471	(NA)	(NA)	31.8	32.7	26

NA Not available. <sup>1</sup> Beginning 1980, current definition. For explanation of change, see text, section 1. <sup>2</sup> Excludes Alex and Hawali. <sup>2</sup> The revised 1970 resident population count to 203,302,031; which incorporates changes due to errors found at tabulations were completed. The race and sex data shown here reflect the official 1970 census count while the residence come from the tabulated count; see text, section 1. <sup>4</sup> The race data shown for April 1, 1980 have been modified; see text.

No. 16. RATIO OF MALES TO FEMALES, BY AGE GROUP, 1920 TO 1986, AND BY RACE, 1986

[Represents number of males per 100 females. Total resident population]

	1920	1983	1940	1920	1983	1970	1983	1983	11	963 (July 1	i)
AGE	(Jan. 1)	(Apr. 1)	Apr.	(Apr. 1)	(Apr. 1)	Apri (Apri	(Apr. 1)	(July 1)	Total 1	White	84
All ages	102.1 97.3 105.1 115.2	*102.5 102.8 98.4 101.8 109.1 100.5	100.7 103.0 98.9 98.5 105.2 95.5	98.8 103.7 98.2 98.4 100.1 89.6	97.1 103.4 98.7 95.7 95.7 82.8	94.5 103.9 96.7 95.5 91.6 72.1	94.5 104.6 101.9 97.4 90.7 87.6	94.5 104.8 102.2 96.5 91.5 67.9	94.5 104.9 102.3 96.7 91.6 68.1	95.5 105.4 102.9 100.7 98.0 68.0	1

<sup>&</sup>lt;sup>1</sup> Includes other races, not shown separately. <sup>2</sup> Includes "age not reported."

NO. 19. HISPANIC POPULATION, BY AGE AND SEX: 1980 AND 1986

[In thousands, except percent. 1980, as of April; 1980, as of March. Hispanic persons may be of any race]

ITEM	Total, all years	Under 5 years	5–9 years	10-14 years					35-39 years					
1980, total	14,609 7,280 7,329 18,091 9,035 9,057	1,663 848 815 1,967 1,003 964	1,537 763 764 1,815 903 912	1,475 747 728 1,712 896 816	827 780 1,636 801	1,586 819 767 1,932 1,034 897	1,376 697 679 1,882 947 935	1,129 558 570 1,594 846 748	854 416 438 1,278 637 641	712 345 367 932 442 488	622 300 321 803 377 428	564 270 294 651 315 334	454 217 237 517 221 295	32 14 17 45 22 23
1980, total Male Female 1980, total Male Female	100.0 100.0 100.0 100.0 100.0	11.4 11.6 11.1 10.9 11.1 10.6	10.5 10.8 10.3 10.0 10.0	9.9	11.0 11.4 10.6 9.0 8.9 9.2	10.9 11.3 10.5 10.7 11.4 9.9	9.4 9.6 9.3 10.4 10.5 10.3	7.8	5.8 5.7 6.0 7.1 7.1	4.9 4.7 5.0 5.2 4.9 5.4	4.3 4.1 4.4 4.4 4.2 4.7	3.9 3.7 4.0 3.6 3.5 3.7	2.9	

Source: U.S. Bureau of the Census, 1860 Census of Population, vol. 1, chapter B (PC80-1-B); Current Population series P-30, No. 416; and unpublished data.

Source of tables 17 and 18: U.S. Bureau of the Census, U.S. Cansus of Population: 1830, vol. II, 1840, vol. II, part 1; 1950, vol. II, part 1; 1950, vol. II, part 1; 1970, vol. III, part 1; 1970, vol. I

NO. 20. MESIDENT MOPULATION, BY AGE, SEX, AND HACE: 19/U TO 1950

ğ.	1508	#88 88 88 88	<b>88</b> 2 888288	98882	288 260	828888 758888	88 88888	P B
	Seek Supply Supp	18,972 8,367 11,605 18,272 1,544	28,546 10,306 15,245 15,246 20,316 2,002 2,002 1,243	82.82 22.82.72 22.67.92 85.63	26,173 11,823 17,360	26.297 10.648 15.648 15.648 15.44	et 170.25 et 170.25 e 20.25	emors found
Forces o	16 and and over	141,26 67,347 73,820 126,520 14,063	171,196 80,179 80,429 11,041 12,031,77 12,622 17,431 17,43	174,517 176,822 176,965 180,982	166.248 96.777 96.472	36.185 7.05.282 1.07.02 1.05.71 1.05.71	80 80 80 80 80 80 80 80 80 80 80 80 80 8	due to e
ss Armed	18-24 years	28,714 11,583 12,131 20,865 2,721	22.00 2.00 2.00 2.00 2.00 2.00 2.00 2.0	82.22.82 85.01.82 85.02.28 85.03.00 85.00	27,738 13,863 13,806	22,836 11,566 1,371 2,904 2,004		96,733 is
Exchud	14-17 years	18,080 7,782 13,579 2,073	2.452 2.452 2.452 2.452 2.350 2.11 2.350 1.156 1.156	86.27.4. 80.07.4.4. 80.07.4.4. 80.07.4.4.	14,797 7,579 7,218	12.044 6.177 7.2867 2.245 1.138	6.7. <b>4.0</b> .0.0.7.	8
of July 1. Excludes 1 A119-134]	5-13 yeers	30,007 17,967 17,171 5,000	# 55 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	88888 44688 41088 11088 11088	15.541 14.806 14.806	24.45 12.56 12.56 1.7.7 1.38 1.38 1.38 1.38 1.38 1.38 1.38 1.38	6.1 6.2 6.2 6.0 6.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7	e difference
8 8	75 years and over	7,530 2,927 4,603 6,972	25.00 2.20 2.20 2.20 2.20 2.20 2.20 2.20	5 5 5 5 5 5 5 5 5 5 5 7 5 7 5 7 5 7 5 7	11,847 4,178 7,989	10,788 3,775 8,886 904 878	64 <b>4 9 9 8</b> 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	203,302,031; the
ed population of 1970;	66-74 years	12,448 5,446 7,002 11,300 1,043	15.04 1.046 1.344 1.344 1.777	10.00 10.00	7. 2.2. 8.2. 1.0. 1.0. 1.0. 1.0. 1.0. 1.0. 1.0. 1	5.52 2.53 2.74 2.64 2.88 2.88 2.88	46 K 46 K K K K K K K K K K K K K K K K	is 203,30
eetimete nie/ Times	19-06 19-06	2004 2004 2006 2007 2007 2007 2007 2007 2007 2007	1.0.4.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2	0.376 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	5.007 5.007 5.000	64.8 64.8 64.8 64.8 7.8 7.8 7.8 7.	44 44448	1500
besed on itcs, Color	36-58 year	5.210 5.210 9.021	1.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	94.8- 94.8- 96.4- 96.8-	42. 4444.0	population
San	15-05 15-05	11,111 5,351 5,750 10,019 990	11,716 8,080 10,300 10,300 1,135 1,1	11.816 11.213 12.032 10.043	5,280 5,280 5,007	24.24 26.24 1.15 7.15 7.18	00 44440 00 46440	resident
# 1; oth	15-48 45-48	12, 124 6,866 6,269 10,868 1,124	207.2 200.2 200.4	0.11111 822111 8341	11,927 5,617 6,110	10,274 10,281 12,282 10,705 10,705	04 48484 00 80004	1970
See also	40 da year	11,288 5,823 6,196 10,633 1,199	25.70 80.7.0 1.0.1.0 1.0.1.0 1.7.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	12,019 13,136 13,136 14,061 14,065	27.7. 200. 200. 200. 200. 200. 200. 200.	2,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4	88 99896 92 909-0	Į.
d population e Presentation.	1.00k	11,113 5,416 5,807 9,749 1,196	12.00 12.00 12.00 12.00 12.00 10.00	14,361 15,569 18,166 16,832 17,708	16,723 0,256 0,467	16,060 8,029 1,036 1,106	8.0 % % % % % % % % % % % % % % % % % % %	Source The
ated por	30-34 years	11,487 5,560 5,836 10,000 1,254	17.66. 1.66. 1.66. 1.66. 1.60.	18.20 19.21 20.20 20.20 20.20 20.20	10,367 10,407	17,54 84,64 1,46 1,32 82,54	8.7. <b></b>	Official
orume to Tabu	25-29 years	11.850 0.850 11.850 14.29	4 9,705 9,705 9,858 8,858 1,042 1,242 1,242 1,242	202.202 202.202 202.202 202.203 203.7.53	22,010 11,026 10,864	6.00 0.4. 2.00 0.4. 2.00 0.4. 2.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	00 0000 00 14000	<u>.</u>
beed on	20-24 years	16,383 7,926 6,458 14,327 1,816	21,219 10,060 10,065 10,072 10,102 10,103 10	21,587 21,587 21,489 21,327 21,000	20,417 10,232 10,166	18.94 8.533 8.413 1.358 1.358 1.456	60 80 80 80 80 80 80 80 80 80 80 80 80 80	
medien, s	15-19 years	19,0841 9,6413 16,412 2,426	21,186 10,755 10,413 17,681 2,000 8,673 3,007 1,500 1,500 1,500	20,501 19,867 19,274 16,786 18,552	6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0	15.206 2.758 2.740 1.401 1.363	400 K 4 K 60	a though
. 1970 and 16 definition of r	51-07 41-07	20,204 10,506 10,206 17,724 2,812	25.00 20.00	18,312 18,172 17,912 17,511 17,101	8.077	14.00 14.00 14.00 14.00 17.00	0.0 37.000 0.1 34.000	DOE TO
1	5.00 K	19,000 10,175 9,794 16,941 2,749	4.05.0 4.05.0 4.05.0 4.05.0 5.	16.080 16.020 16.147 16.822	7.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	13.976 7.172 6.604 1.364 1.319	6.7 4.7 4.8 6.0 6.0 6.0 7.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8	othe
e Indice	Under 5 years	17,163 6,750 8,413 14,464 2,434	2002 414.65 414.65 414.60 62.65 63.6	16,931 17,296 17,660 17,830 18,017	16,128 0,274 8,864	14,675 7,527 7,148 2,721 1,380	40 KCCC0	Includes
e page	TORE Y	96,926 104,309 178,099 22,581	228 546 110.063 118.463 194.713 94.824 96.736 25.663 12.612 14.071	229,637 231,966 224,264 236,477 236,741	241,078 117,360 123,718	204.301 80.806 104.483 28.306 13.882 15.414	6000 6000 6000 6000 6000 6000 6000 600	
(in thousands, except as Indios	YEAR, BEX, AND PACE	1970, total 1 1 Mole Fernado White Black		2000 2000 2000 2000 2000 2000 2000 200	1980, total 1 Majo Fornalo	# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1670 1680 1680 1680 1680 1680 1680 1680 168	X Not applicable.

release of the official series. The race data shown for April 1, 1980 have been modified. See text, section 1 for explanation. Source: U.S. Bureau of the Cenaus, Carrent Population Reports, series P-25, Nos. 670 and 1000.

#### No. 21. RESIDENT POPULATION, 1950 TO 1986, A

[1869-1866, as of Apr. 1; beginning 1861, as of July 1. Insofar as possible, population shown for all years is that of present area of Sta See *Historical Statistics, Colonial Times to 1970*, series A 72, for population by regic

REGION,					P	OPULATION	4					RA
DIVISION, AND STATE	1950			15	980						1986,	
OR OTHER	(1,000)	1960 (1,000)	1970 (1,000)	Total (1,000)	Percent urban	(1,000)	1982 (1,000)	1983 (1,000)	1984 (1,000)	1985 (1,000)	prel. (1,000)	19
U.S	151,326	179,323	203,302	226,546	73.7	229,637	231,996	234,264	236,477	238,741	241,078	(
Region: Northeast Midwest South	39,478 44,461 47,197	44,678 51,619 54,973	49,061 56,589 62,812	49,135 58,866 75,372	70.2 70.5 66.9	49,257 59,005 77,058	49,310 58,956 78,488	49,506 58,935 79,727	49,686 59,099 80,779	49,827 59,204 81,885	50,017 59,313 82,988	-
West	20,190 9,314 914 533 378 4,691 792 2,007	28,053 10,509 969 607 390 5,149 859 2,535	34,838 11,848 994 738 445 5,689 950 3,032	43,172 12,348 1,125 921 511 5,737 947 3,108	83.9 75.1 47.5 52.2 33.8 83.8 87.0 78.8	44,317 12,417 1,135 937 516 5,753 952 3,123	45,242 12,432 1,139 948 520 5,744 953 3,127	46,116 12,489 1,147 959 526 5,762 955 3,140	46,913 12,571 1,158 978 530 5,792 960 3,153	47,824 12,657 1,165 999 535 5,819 967 3,171	48,760 12,737 1,173 1,027 541 5,832 975 3,189	
NY	30,164 14,830 4,835 10,498	34,168 16,782 6,067 11,319	37,213 18,241 7,171 11,801	36,787 17,558 7,365 11,864	80,6 84.6 89.0 69.3	36,841 17,557 7,406 11,878	36,878 17,569 7,427 11,882	37,018 17,660 7,464 11,894	37,115 17,713 7,511 11,890	37,170 17,746 7,561 11,863	37,280 17,772 7,619 11,888	(
E.N.C. OH. IN. IL. WI	30,399 7,947 3,934 8,712 6,372 3,435	36,225 9,706 4,662 10,081 7,823 3,952	40,262 10,657 5,195 11,110 8,882 4,418	41,682 10,798 5,490 11,427 9,262 4,706	73.3 73.3 64.2 83.3 70.7 64.2	41,711 10,801 5,490 11,474 9,211 4,736	41,606 10,777 5,485 11,479 9,119 4,747	41,514 10,742 5,476 11,492 9,056 4,749	41,586 10,744 5,493 11,524 9,062 4,764	41,649 10,747 5,500 11,537 9,088 4,776	41,737 10,752 5,504 11,552 9,145 4,785	
W.N.C MN IA MO ND SD NE KS	14,061 2,982 2,621 3,955 620 653 1,326 1,905	15,394 3,414 2,758 4,320 632 681 1,411 2,179	16,327 3,806 2,825 4,678 618 666 1,485 2,249	17,183 4,076 2,914 4,917 653 691 1,570 2,364	63.9 66.9 58.6 68.1 48.8 46.4 62.9 66.7	17,295 4,112 2,918 4,939 661 692 1,583 2,389	17,350 4,133 2,908 4,943 672 695 1,590 2,410	17,421 4,146 2,905 4,965 681 699 1,597 2,428	17,513 4,164 2,904 5,005 687 705 1,605 2,442	17,556 4,192 2,881 5,035 685 708 1,605 2,449	17,576 4,214 2,851 5,066 679 708 1,598 2,460	
S.A	21,182 318 2,343 802 3,319 2,006 4,062 2,117 3,445 2,771	25,972 446 3,101 764 3,967 1,860 4,556 2,383 3,943 4,952	30,678 548 3,924 757 4,651 1,744 5,084 2,591 4,588 6,791	36,959 594 4,217 638 5,347 1,950 5,882 3,122 5,463 9,746	67.1 70.6 80.3 100.0 66.0 36.2 48.0 54.1 62.4 84.3	37,797 597 4,256 633 5,443 1,961 5,958 3,186 5,570 10,193	38,316 600 4,272 627 5,490 1,962 6,019 3,220 5,654 10,472	38,876 606 4,299 624 5,559 1,964 6,081 3,253 5,736 10,753	39,531 614 4,348 624 5,636 1,952 6,170 3,296 5,844 11,046	40,212 622 4,393 623 5,702 1,937 6,262 3,335 5,975 11,364	40,916 633 4,463 626 5,787 1,918 6,333 3,377 6,104 11,675	
KYAL	11,477 2,945 3,292 3,062 2,179	12,050 3,038 3,567 3,267 2,178	12,808 3,221 3,926 3,444 2,217	14,666 3,661 4,591 3,894 2,521	55.7 50.9 60.4 60.0 47.3	14,787 3,675 4,639 3,928 2,545	14,873 3,695 4,666 3,944 2,567	14,953 3,715 4,691 3,964 2,583	15,044 3,724 4,729 3,992 2,599	15,133 3,729 4,767 4,022 2,614	15,209 3,729 4,803 4,052 2,625	
W.S.CARAR	14,538 1,910 2,684 2,233 7,711	16,951 1,786 3,257 2,328 9,580	19,326 1,923 3,645 2,559 11,199	23,747 2,286 4,206 3,025 14,229	73.4 51.6 68.6 67.3 79.6	24,475 2,300 4,300 3,108 14,766	25,299 2,308 4,383 3,233 15,376	25,897 2,326 4,442 3,312 15,818	26,204 2,347 4,462 3,312 16,083	26,540 2,360 4,486 3,306 16,389	26,864 2,372 4,501 3,305 16,685	
Mt	5,075 591 589 291 1,325 681 750 689 160	6,855 675 667 330 1,754 951 1,302 891 285	8,289 694 713 332 2,210 1,017 1,775 1,059 489	11,373 787 944 470 2,890 1,303 2,718 1,461 800	76.4 52.9 54.0 62.7 80.6 72.1 83.8 84.4 85.3	11,750 796 964 494 2,984 1,335 2,816 1,516 846	12,068 805 978 510 3,072 1,369 2,898 1,559 878	12,341 816 988 516 3,148 1,402 2,977 1,596 897	12,566 824 1,000 513 3,190 1,427 3,073 1,624 917	12,799 825 1,004 510 3,234 1,451 3,193 1,645 937	13,023 819 1,002 507 3,267 1,479 3,319 1,665 963	
Pac WA OR CA AK HI	15,115 2,379 1,521 10,586 129 500	21,198 2,853 1,769 15,717 226 633	26,549 3,413 2,092 19,971 303 770	31,800 4,132 2,633 23,668 402 965	86.6 73.5 67.9 91.3 64.3 86.5	32,566 4,237 2,669 24,265 415 980	33,174 4,279 2,669 24,783 446 998	33,774 4,304 2,660 25,308 483 1,019	34,348 4,350 2,676 25,780 505 1,036	35,026 4,408 2,686 26,358 522 1,051	35,737 4,462 2,698 26,981 534 1,062	
PR	2,211	2,350	2,712	3,197	66.8	3,245	3,262	3,265	3,269	3,282	3,274	

X Not applicable. Z Less then .05 percent. <sup>1</sup>For U.S., population of U.S. has been divided by total land area. State and Puerto Rico, population at given census has been divided by land area as then constituted.

#### PERCENT URBAN, 1980-STATES AND PUERTO RICO

for area figures of States, see table 318. For composition of regions, see fig. I, inside front cover. Minus sign (—) indicates decrease, and A 165–196 and A 202–203 for population, density, and residence by States]

	RA	NK			PERCENT	CHANGE		POPUL	ATION PER	SQ. MILE	OF LAND	AREA <sup>1</sup>	REGION,
1960	1970	1960	1986	1950- 1960	1960- 1970	1970- 1980	1980- 1986	1950	1960	1970	1980	1986	DIVISION, AND STATI OR OTHER AREA
(x)	(x)	(X)	(x)	18.5	13.4	11.4	6.4	42.6	50.6	257.4	64.0	68.1	U.S.
8888	SSSS	8888	8888	13.2 16.1 16.5 38.9	9.8 9.6 14.3 24.2	4.0 20.0 23.9	1.8 .8 10.1 12.9	241.2 58.8 53.7 11.5	273.4 68.6 62.8 16.0	300.4 75.2 71.9 19.9	301.9 78.3 86.3 24.6	307.3 78.9 95.1 27.8	Region: Northeas Midwest. South. West.
(X) 36 45 47 9 39 25	(x) 38 41 48 10 39 24	(x) 38 42 48 11 40 25	(x) 38 40 48 12 42 28	12.8 6.1 13.8 3.2 9.8 8.5 26.3	12.7 2.6 21.6 14.1 10.5 10.6 19.6	4.2 13.2 24.8 15.0 .8 3 2.5	3.1 4.3 11.5 5.8 1.7 2.9 2.6	147.5 29.4 59.1 40.7 596.2 748.5 409.7	166.8 31.3 67.2 42.0 657.3 819.3 520.6	188.1 32.1 81.7 47.9 727.0 902.5 623.6	196.0 36.3 102.4 55.2 733.3 897.8 637.8	202.1 37.9 114.2 58.3 745.4 924.1 654.5	N.E. ME NH VT MA RI CT
(X) 1 8 3	(x) 2 8 3	(X) 2 9 4	(x) 2 9 4	13,3 13,2 25,5 7,8	8.9 8.7 18.2 4.3	-1.1 -3.7 2.7 .5	1.3 1.2 3.5 2	300.1 309.3 642.8 233.1	340,2 350.6 805.5 251.4	370.8 381.3 953.1 262.3	368.9 370.6 986.2 264.3	373.8 375.1 1,020.3 264.8	M.A. NY NJ PA
(X) 5 11 4 7 15	(X) 6 11 5 7 16	(X) 6 12 5 8 16	(X) 7 14 6 8 17	19.2 22.1 18.5 15.7 22.8 15.1	11.1 9.8 11.4 10.2 13.5 11.8	3.5 1.3 5.7 2.8 4.3 6.5	4 4 2 1.1 -1.3 1.7	124.1 193.8 108.7 155.8 111.7 62.8	148.2 236.6 128.8 160.4 137.7 72.6	164.9 260.0 143.9 199.4 156.2 81.1	170.8 263.3 152.8 205.3 162.6 86.5	171.1 262.2 153.2 207.6 160.6 87.9	E.N.C. OH IN IL MI
(X) 18 24 13 44 40 34 28	(x) 19 25 13 45 44 35 28	(x) 21 27 15 46 45 35 32	(X) 21 29 15 46 45 36 32	9.5 14.5 5.2 9.2 2.1 4.3 6.5 14.3	6.1 11.5 2.4 8.3 -2.2 -2.2 5.2 3.2	5.2 7.1 3.1 5.1 5.7 3.7 5.7 5.7	2.3 3.4 -2.2 3.0 4.1 2.5 1.8 4.1	27.5 37.3 46.8 57.1 8.8 8.5 17.3 23.2	30.3 43.1 49.2 62.6 9.1 9.0 18.4 26.6	32.1 48.0 50.5 67.8 8.9 8.8 19.4 27.5	33.8 51.2 52.1 71.3 9.4 9.1 20.5 28.9	34.6 53.0 50.9 73.5 9.8 9.3 20.8 30.1	W.N.C. MN IA MO ND SD NE KS
(X) 46 21 (X) 14 30 12 26 16	(X) 46 18 (X) 14 34 12 26 15	(x) 47 18 (x) 14 34 10 24 13	(x) 47 19 (x) 13 34 10 24 11	22.6 40.3 32.3 -4.8 19.5 -7.2 12.2 12.5 14.5 78.7	18.1 22.9 26.5 9 17.2 -6.2 11.6 8.7 16.4 37.1	20.5 8.4 7.5 -15.6 11.8 15.7 20.5 19.1 43.5	10.7 6.5 5.8 -1.9 8.2 -1.6 7.7 8.2 11.7	79.0 160.8 237.1 13,151 83.2 83.3 82.7 69.9 58.9 51.1	97.1 225.2 313.5 12,524 99.6 77.2 93.2 78.7 67.8 91.5	114.9 276.5 396.6 12,402 116.9 72.5 104.1 85.7 79.0 125.5	138.4 307.6 428.7 10,132 134.7 80.8 120.4 103.4 94.1 180.0	153.3 327.5 453.7 9,936 145.8 79.5 129.7 111.8 105.1 215.6	S.A.  DE MD  DC  VA  WV  NC  SC  GA  FL
(x) 22 17 19 29	(x) 23 17 21 29	(x) 23 17 22 31	(x) 23 16 22 31	5.0 3.2 8.4 6.7 (-2)	6.3 6.0 10.1 5.4 1.8	14.5 13.7 16.9 13.1 13.7	3.7 1.9 4.6 4.1 4.1	63.8 73.9 78.8 59.9 46.1	67.2 76.2 86.2 64.2 46.0	71.5 81.2 94.9 67.9 46.9	92.3 111.6 76.7 53.4	94.0 116.7 79.8 55.6	E.S.C. KY TN AL MS
(x) 31 20 27 6	(x) 32 20 27 4	(x) 33 19 26 3	(x) 33 18 26 3	16.6 -6.5 21.4 4.3 24.2	14.0 7.7 11.9 9.9 16.9	22.9 18.9 15.4 18.2 27.1	13.1 3.8 7.0 9.2 17.3	33.8 36.3 59.4 32.4 29.3	39.5 34.2 72.2 33.8 36.4	45.2 37.0 81.0 37.2 42.7	55.6 43.9 94.5 44.1 54.3	62.9 45.6 101.1 48.1 63.7	W.S.C. AR LA OK TX
(X) 41 42 48 33 37 35 38 49	(x) 43 42 49 30 37 33 36 47	(X) 44 41 49 28 37 29 36 43	(x) 44 41 50 27 37 25 35 43	35.1 14.2 13.3 13.6 32.4 39.6 73.7 29.3 78.2	20.9 2.8 6.9 .6 26.0 6.9 36.3 18.9 71.6	37.2 13.3 32.4 41.3 30.8 28.1 53.1 37.9 63.8	14.5 4.1 6.2 8.0 13.1 13.5 22.1 14.0 20.3	5.9 4.1 7.1 3.0 12.8 5.6 6.6 8.4 1.5	8.0 4.6 8.1 3.4 16.9 7.8 11.5 10.8 2.6	9.7 4.8 8.6 3.4 21.3 8.4 15.6 12.9 4.4	13.3 5.4 11.5 4.8 27.9 10.7 23.9 17.8 7.3	15.2 5.6 12.2 5.2 31.5 12.2 29.2 20.3 8.8	Mt. MT ID WY CO NM AZ UT NV
(X) 23 32 32 50 43	(x) 22 31 1 50 40	(x) 20 30 1 50 39	(X) 20 30 1 49 39	40.2 19.9 16.3 48.5 75.8 26.2	25.2 19.6 18.3 27.1 34.1 21.6	19.8 21.1 25.9 18.5 32.8 25.3	12.4 8.0 2.5 14.0 32.8 10.1	16.8 35.6 15.8 67.5 2 78.0	23.8 42.8 18.4 100.4 .4 98.5	* 29.7 51.2 21.7 127.6 *.5 119.6	35.5 62.1 27.4 151.4 .7 150.1	39.9 67.1 28.0 172.6 .9 165.3	Pac. WA OR CA AK HI
(x)	(x)	(x)	(x)	6.3	15.4	17,9	2,4	645.8	686.4	792.8	924.1	946.5	PR

<sup>\*</sup>Land area for Alaska corrected after 1970 final reports were issued.

#### No. 22. Population, By Size-Class of States: 1970 to 1986

[As of April 1, except 1980, as of July 1. Includes District of Columbia. Gross area comprises land and water]

		1970				1980				1898	
		Popu	istion		Popu	dation	Groe	8 8F06	Ī	Popu	letio
POPULATION SIZE-CLASS	Num- ber of States	Total (1,000)	Percent of total	Num- ber of States	Total (1,000)	Percent of total	Total (1,000 sq. mi.)	Percent of total	Num- ber of States	Total (1,000)	Per
Total	51	203,302	180.0	51	226,546	100.0	3,619	100.0	51	241,078	1
Over 10 million	12 7	82,990 38,813 46,746 16,743 9,005 9,016	40.8 19.1 23.0 8.2 4.4 4.4	6 8 12 7 5	69,543 54,292 47,654 18,328 7,408 9,323	39.5 24.0 21.0 8.1 3.3 4.1	618 322 577 555 341 1,208	17.1 8.9 15.9 15.3 9.4 33.3	7 8 13 5 8 10	107,304 51,389 51,466 13,007 10,927 6,965	

Source: U.S. Bureau of the Census, 1880 Census of Population, vol. 1, chapter A (PC80-1-A); and Current Population Reg. series P-25, No. 1010.

### No. 23. U.S. RESIDENT POPULATION, BY REGION AND DIVISION, 1980 TO 1986, AND PROJECTION 1990 TO 2000

[As of April 1, except beginning 1980, as of July 1. For composition of divisions, see fig. I, inside front cover]

			POPUL	ATION (	millions)					PERCEN	T DISTE	RIBUTION	•
REGION AND DIVISION	1960	1970	1980	1986	1990	1995	2000	1960	1970	1980	1986	1990	1995
United States	179.3	203.3	226.5	241.1	249.9	259.6	267.7	100.0	100.0	100.0	100.0	100.0	100.0
Northeast	44.7	49.1	49.1	50.0	50.6	51.3	51.8	24.9	24.1	21.7	20.7	20.2	19.8
New England	10.5	11.8	12.3	12.7	13.1	13.5	13.8	5.9	5.8	5.5	5.3	5.2	5.2
Middle Atlantic	34.2	37.2	36.8	37.3	37.5	37.8	38.0	19.1	18.3	16.2	15.5	15.0	14.6
Midwest	51.6	56.6	58.9	59.3	59.8	59.9	59.6	28.8	27.8	26.0	24.6	23.9	23.1
East North Central		40.3	41.7	41.7	42.1	42.0	41.7	20.2	19.8	18.4	17.3	16.8	16.2
West North Central		16.3	17.2	17.6	17.7	17.8	17.9	8.6	8.0	7.6	7.3	7.1	6.9 35.6
South	55.0	62.8	75.4	83.0	87.3	92.4	96.9	30.7	30.9	33.3	34.4	34.9	
South Atlantic			37.0	40.9	43.7	47.1	50.0	14.5	15.1	16.3	17.0	17.5	18.1
East South Central	12.1	12.8	14.7	15.2	15.6	16.0	16.3	6.7	6.3	6.5	6.3	6.2	6.2
West South Central	17.0	19.3		26.9	27.9	29.3	30.6	9.5 15.6	9.5	10.5	20.2	11.2	
Vest	28.1		43.2	48.8 13.0	52.3		16.0	3.8	17.1	19.1		20.9	21.6
Mountain	21.2	8.3 26.5	31.8	35.7	14.0	15.1	43.4	11.8	13.1	14.0	14.8	15.3	15.8

Source: U.S. Bureau of the Census, Census of Population: 1970, vol. I; 1980 Census of Population, vol. 1, chapter A (PCII A); Current Population Reports, series P-25, No. 1010 and forthcoming report.

#### No. 24. Mobility Status of the Population, by Selected Characteristics: 1985-1986

[As of March. For persons 1 year old and over. Excludes members of the Armed Forces except those living off post or with families on post. Based on Current Population Survey; see text, section 1 and Appendix III. For composition of regions, see inside front cover]

				PERCEN	T DISTRIB	IUTION	
		Fad I	M	overs (diffe	erent hou	se in U.S	5.)
AGE AND REGION	Total (1,000)	Non- movers		L-ray	Diff	erent cou	inty
277.77		(same house)	Total	Same	Total	Same State	Differ- ent State
Total	232,998	81.4	18.0	11.3	6.7	3.7	3.0
1-4 years old	14,370	72.4	26.9	17.8	9.1	4.8	4.3
-9 years old	17,113	79.3	20.2	13.6	6.7	3.6	3.0
0-14 years old	16,687	84.0	15.6	10.5	5.0	2.7	2.4
5-19 years old	18,274	82.8	16.5	10.1	6.5	3.3	3.2
20-24 years old	19,948	63.6	35.2	22.2	13.1	7.5	5.6
5-29 years old	21,619	66.3	32.8	20.4	12.5	7.0	5.4
0-34 years old	20,434	76.9	22.5	14.4	8.1	4.2	3.9
5-44 years old	32,508 22,662	83.8 89.7	15.7	9.7 6.1	6.0	3.3	2.6
55-64 years old		92.4	7.4	3.9	3.5	2.3	1.6
35-74 years old	16,881	95.4	4.5	2.5	2.0	1.0	1.0
75 years old and over		94.5	5.4	3.2	2.3	1.2	1.0
lortheast		87.2	12.4	7.7	4.7	2.7	2.0
Aidwest		82.7	17.1	10.9	6.1	3.5	2.6
South		80.0	19.6	12.0	7.6	4.1	3.5
West	46,990	76.4	22.5	14.5	8.0	4.4	3.6

Source: U.S. Bureau of the Census, Current Population Reports, series P-20, forthcoming report.

#### NO. 25. COMPONENTS OF POPULATION CHANGE—STATES: 1970-1980 AND 1980-1986

Ends, except percent. Total resident population. For explanation of methodology, see source. For composition of see fig. 1, inside front cover. Minus sign (-) indicates decrease or net outmigration. See also Historical Statistics, Times to 1970, series C 25-75]

		APRII	L 1, 1970	TO APRIL	1, 1980			APRIL 1,	1980 TO J	ULY 1, 198	6
DIVISION, AND	Net c	hange			Net	Error	Net c	hange			Net
STATE	Num- ber	Per- cent 1	Births	Deaths	total migra- tion <sup>2</sup>	of clo- sure <sup>3</sup>	Num- ber	Per- cent 1	Births	Deaths	total migra- tion <sup>2</sup>
d States	23,244	11.4	33,244	19,279	4,516	4,763	14,532	6.4	22,922	12,633	4,244
	75 2,275 12,559 8,334	20.0 20.0 23.9	6,661 9,032 11,221 6,330	4,750 5,308 6,210 3,010	-2,888 -2,703 5,992 4,115	1,052 1,255 1,557 899	881 448 7,616 5,587	1.8 .8 10.1 12.9	4,232 5,735 7,888 5,066	2,965 3,270 4,274 2,123	-386 -2,017 4,002 2,645
mpshire	501 131 183 67 48 -3 75	4.2 13.2 24.8 15.0 .8 3 2.5	1,607 161 122 72 737 123 391	1,128 106 74 43 550 92 262	-241 52 117 27 -263 -53 -121	265 24 19 11 124 20 67	388 49 106 29 95 28 81	3.1 4.3 11.5 5.8 1.7 2.9 2.6	1,060 104 89 50 480 79 259	715 68 50 28 340 58 171	43 67 67 - 45
lantic rk sey vania	-426 -683 194 63	-1.1 -3.7 2.7 .5	5,055 2,481 981 1,593	3,622 1,722 670 1,230	-2,647 -1,820 -275 -551	787 378 157 252	493 214 255 24	1.3 1.2 3.5 .2	3,172 1,554 624 995	2,250 1,059 431 760	-429 -281 -62 -210
h Central	1,419 140 295 316 380 288	3.5 1.3 5.7 2.8 4.3 6.5	6,454 1,676 865 1,790 1,441 682	3,702 987 480 1,066 763 406	-2,220 -779 -206 -649 -496 -90	887 230 116 241 198 102	55 -45 13 126 -117 79	.1 4 .2 1.1 -1.3 1.7	3,994 1,015 516 1,139 863 460	2,276 609 297 637 477 256	-1,663 -452 -206 -377 -503 -125
th Central	856 270 88 239 35 25 64 115	5.2 7.1 3.1 5.1 5.7 3.7 5.7 5.7	2,579 595 432 728 107 117 246 354	1,607 332 284 502 56 66 148 220	-484 -80 -122 -92 -31 -41 -47 -71	368 88 62 104 14 15 34 51	393 138 -63 149 26 17 28 97	2.3 3.4 -2.2 3.0 4.1 2.5 1.8 4.1	1,741 421 274 476 76 79 165 252	994 211 171 308 35 41 92 137	-354 -77 -166 -18 -18 -20 -46 -18
entic d d of Columbia rginia arolina arolina	6,280 46 293 -118 695 205 797 531 875 2,955	20.5 8.4 7.5 - 15.6 14.9 11.8 15.7 20.5 19.1 43.5	5,149 88 568 109 748 290 863 498 862 1,121	3,071 49 329 77 404 197 466 240 427 883	3,440 -6 -36 -164 239 71 278 210 329 2,519	762 12 90 14 112 40 121 63 111 198	3,956 38 246 -12 440 -31 451 255 641 1,928	10.7 6.5 5.8 - 1.9 6.2 - 1.6 7.7 6.2 11.7 19.8	3,554 56 401 59 511 164 536 321 574 931	2,158 30 219 42 273 120 316 163 287 707	2,561 13 65 - 29 202 - 74 230 96 354 1,704
h Central y see a ppi	1,858 440 665 450 304	14.5 13.7 16.9 13.1 13.7	2,301 568 664 615 454	1,302 334 391 344 233	556 131 297 97 31	303 75 95 81 52	542 68 212 159 104	3.7 1.9 4.6 4.1 4.1	1,419 345 416 377 281	848 212 261 226 149	-26 -66 56 -27
ith Central	4,421 363 561 466 3,031	22.9 18.9 15.4 18.2 27.1	3,772 349 717 445 2,261	1,838 217 344 272 1,005	1,995 184 100 230 1,481	492 47 88 63 294	3,117 86 295 280 2,456	13.1 3.8 7.0 9.2 17.3	2,916 221 514 342 1,839	1,268 145 227 182 714	1,469 10 8 120 1,331
	3,083 92 231 137 680 286 943 402 312	37.2 13.3 32.4 41.3 30.8 28.1 53.1 37.9 63.8	1,837 126 166 73 415 224 405 329 99	716 67 65 31 181 81 173 75 46	1,730 16 110 85 385 116 656 119 243	236 17 20 10 61 27 55 30 16	1,650 32 58 38 377 176 601 204 163	14.5 4.1 6.2 8.0 13.1 13.5 22.1 14.0 20.3	1,451 88 117 64 336 170 338 248 90	525 42 44 20 124 58 143 54 40	724 -14 -15 -6 165 64 405 10
ia.	5,251 719 542 3,697 99 195	19.8 21.1 25.9 18.5 32.8 25.3	4,493 548 351 3,354 78 163	2,292 303 205 1,725 15 43	2,385 388 341 1,573 28 55	664 86 55 495 9 20	3,938 330 65 3,313 132 98	12.4 8.0 2.5 14.0 32.8 10.1	3,615 433 256 2,739 73 116	1,598 207 141 1,204 12 33	1,921 105 -45 1,778 71

to 1980 based on 1970 population; 1980 to 1983 based on 1980 population, rises net immigration from abroad, net interregional, interdivisional, or interstate migration, and movement of persons in J Forces.

3 For meaning of "error of closure"; see text, section 1.

U.S. Bureau of the Census, Current Population Reports, series P-25, No. 957 and unpublished data.

#### NO. 25. RESIDENT POPULATION, BY AGE AND STATE: 1986

[In thousands, except percent. As of July 1, includes Armed Forces stationed in area. See text, section 1 for basis of estimation of methodology, contact source. For composition of regions, see fig. I, inside front cover. See Histor Statistics, Colonial Times to 1970, series A 204–209 for decennial census data]

100	5 11	1	/eg. 1	11.21		1	100			75	16	PERC
REGION, DIVISION, AND STATE	Total	Under 5 years	5-17 years	18-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	years and over	years and over	Under 18 years
U.S	241,078	18,128	45,143	27,739	42,784	33,068	22,814	22,229	17,325	11,847	185,249	26.2
Region: Northeast Midwest South West	59,313	3,353 4,394 6,318 4,063	8,731 11,363 15,930 9,119	5,737 6,822 9,702 5,478	8,423 10,427 14,579 9,355	6,915 7,859 11,245 7,049	4,969 5,568 7,847 4,431	5,191 5,487 7,471 4,080	3,962 4,282 5,931 3,150	2,736 3,112 3,964 2,035	39,480 45,421 63,337 37,012	24.2 26.6 26.8 27.0
M. Eng	12,737 1,173 1,027 541 5,832 975 3,189	848 82 73 40 381 63 209	2,180 220 187 100 960 164 549	1,512 138 122 67 705 116 363	2,247 196 187 100 1,065 171 528	1,795 162 154 78 809 129 463	1,208 109 95 48 545 88 323	1,250 109 89 44 574 102 331	987 89 69 36 458 83 252	710 67 50 28 335 59 171	10,103 908 799 418 4,668 777 2,532	23.8 25.8 25.3 25.9 23.0 23.3 23.8
NYPA	37,280 17,772 7,619 11,888	2,505 1,230 499 776	6,551 3,145 1,332 2,074	4,226 2,034 863 1,328	6,176 2,961 1,233 1,983	5,120 2,472 1,098 1,550	3,760 1,814 796 1,150	3,942 1,833 819 1,290	2,974 1,329 597 1,049	2,026 954 384 688	29,377 13,946 6,030 9,400	24.3 24.6 24.0 24.0
E. No. Cent OH IN IL MI	10,752 5,504 11,552	3,061 779 393 871 661 357	8,069 2,075 1,084 2,187 1,809 914	4,823 1,215 646 1,317 1,083 563	7,333 1,850 965 2,050 1,625 842	5,574 1,424 732 1,555 1,237 625	3,949 1,040 523 1,104 849 434	3,902 1,050 505 1,081 841 427	2,978 791 386 818 629 354	2,048 529 271 568 410 270	31,942 8,243 4,203 8,849 6,982 3,665	26.7 26.5 26.8 26.5 27.0 26.6
W. No. Cent	17,576 4,214 2,851 5,066 679 708 1,598 2,460	1,334 324 204 370 58 60 125 193	3,294 786 543 939 132 138 302 453	1,998 487 322 570 80 81 182 276	3,094 772 493 860 126 120 281 441	2,286 576 358 662 83 84 204 319	1,618 385 258 490 57 62 143 223	1,584 358 258 481 56 64 143 225	1,304 290 226 389 49 54 116 180	1,064 236 189 305 39 45 101 150	13,479 3,234 2,191 3,910 510 531 1,217 1,885	26.3 26.3 26.2 25.8 27.9 27.9 26.7 26.3
So All  DE  MD  DC  VA  WV  NC  SC  GA  FL	40,916 633 4,463 626 5,787 1,918 6,333 3,377 6,104 11,675	2,880 45 323 46 408 122 132 432 255 468 782	7,373 115 788 91 1,030 382 1,192 682 1,245 1,848	4,761 78 539 71 717 214 767 425 744 1,207	7,071 114 796 132 1,064 321 1,126 605 1,082 1,831	5,644 84 671 90 867 255 873 456 871 1,475	3,986 62 454 59 579 179 625 312 585 1,131	3,946 63 419 60 516 184 587 287 501 1,329	3,193 45 292 46 373 155 450 226 372 1,233	2,062 27 181 31 233 106 281 129 236 838	31,909 492 3,493 504 4,527 1,477 4,913 2,550 4,594 9,359	25.1 25.3 24.9 22.0 24.9 26.3 25.6 27.8 28.1 22.5
E. So. Cent KY TN AL MS	15,209 3,729 4,803 4,052 2,625	1,104 264 327 295 218	3,071 745 923 820 583	1,804 448 553 478 324	2,593 647 833 690 423	2,002 497 665 527 314	1,444 351 476 385 233	1,343 329 437 361 216	1,093 263 349 297 183	757 185 240 200 131	11,532 2,840 3,705 3,071 1,916	27.4 27.0 26.0 27.5 30.5
W. So. Cent AR LA OK TX	26,864 2,372 4,501 3,305 16,685	2,335 173 400 267 1,495	5,486 472 947 632 3,435	3,138 271 552 378 1,937	4,916 369 821 580 3,146	3,599 304 576 442 2,277	2,416 224 392 309 1,492	2,182 216 359 286 1,320	1,646 200 276 233 937	1,146 143 178 178 646	19,897 1,803 3,302 2,506 12,287	29.1 27.2 29.9 27.2 29.5
Mt	13,023 819 1,002 507 3,267 1,479 3,319 1,665 963	1,147 68 88 47 267 135 282 188 73	2,626 163 223 107 599 309 629 431 167	1,486 89 110 56 375 176 378 198 104	2,461 145 171 111 679 258 591 306 196	1,807 113 141 73 510 202 438 190 140	1,134 74 85 40 295 134 292 117 97	1,025 68 72 31 248 122 301 99 85	823 60 67 25 175 89 258 81 69	511 40 45 17 119 55 152 53 31	9,645 613 724 368 2,499 1,084 2,507 1,100 750	29.0 28.2 31.0 30.5 26.5 30.0 27.4 37.5 24.5
Pac. WA. OR. CA. AK.	35,737 4,462 2,698 26,981 534 1,062	2,916 339 192 2,235 60 90	6,491 817 494 4,874 111 196	3,991 489 280 3,028 66 129	6,894 861 512 5,215 109 196	5,242 683 407 3,907 90 155	3,297 398 234 2,523 48 94	3,055 356 217 2,352 31 99	2,327 314 215 1,719 13 66	1,524 206 147 1,129 5 37	27,367 3,442 2,093 20,647 378 807	26, 25, 25, 26, 32, 26

Source: U.S. Bureau of the Census, Current Population Reports, series P-25, forthcoming report.

#### No. 27. STATE POPULATION PROJECTIONS: 1987 TO 2010

Refy 1. For explanation of methodology, see text, section 1. For composition of regions, see fig. I, inside front cover. Minus sign (—) indicates decrease] ——

DIVISION, AND			7	OTAL (1,00	00)				RANK			CENT
STATE	1987	1988	1989	1990	1995	2000	2010	1990	1995	2000	1980- 1990	1990- 2000
	243,308	245,529	247,732	249,891	259,619	267,747	262,055	(x)	(x)	(x)	10.3	7.1
st	50,140 59,450 84,060	50,278 59,574 85,133	50,425 59,685 86,209	50,577 59,777 87,276	51,293 59,867 92,366	51,810 59,596 96,919	52,496 59,018 104,919	8888	8888	8888	2.9 1.5 15.8	2.4 3 11.0
	12,820	12,906	51,413	13,078	56,093 13,466	13,775	65,622	(x)	(x)	(x)	5.9	13.7 5.3 4.5
	1,184 1,058 547 5,836 982 3,212	1,193 1,088 552 5,849 989 3,235	1,203 1,116 557 5,863 996 3,257	1,212 1,142 562 5,880 1,002 3,279	1,247 1,251 579 5,985 1,029 3,376	1,271 1,333 591 6,087 1,049 3,445	1,308 1,455 608 6,255 1,085 3,532	38 39 49 13 43 28	39 38 49 13 43 27	41 39 49 13 42 27	7.8 24.1 9.9 2.5 5.8 5.5	4.5 16.7 5.1 3.5 4.6 5.1
	37,320 17,759 7,687 11,874	37,372 17,755 7,756 11,860	37,433 17,761 7,827 11,844	37,499 17,773 7,899 11,827	37,827 17,886 8,252 11,689	38,035 17,986 8,546 11,503	38,253 18,139 8,960 11,134	(x) 2 9 5	(x) 3 9 5	(x) 3 9 6	1.9 1.2 7.3 3	1.4 1.2 8.2 -2.7
	41,836 10,767 5,518 11,569 9,191 4,791	41,923 10,779 5,531 11,584 9,231 4,797	41,997 10,787 5,542 11,599 9,266 4,803	42,055 10,791 5,550 11,612 9,293 4,808	42,041 10,742 5,545 11,625 9,318 4,811	41,746 10,629 5,502 11,580 9,250 4,784	41,111 10,397 5,409 11,495 9,097 4,713	(x) 7 14 6 8 17	(x) 7 14 6 8 19	(x) 7 14 5 8 19	1 1.1 1.6 .3 2.2	7 -1.5 9 5
	17,614 4,243 2,826 5,100 674 707 1,595 2,469	17,652 4,271 2,803 5,132 669 707 1,593 2,477	17,688 4,298 2,780 5,163 664 708 1,590 2,485	17,722 4,324 2,758 5,192 660 708 1,588 2,492	17,825 4,426 2,652 5,304 643 711 1,574 2,515	17,850 4,490 2,549 5,383 629 714 1,556 2,529	17,907 4,578 2,382 5,521 611 722 1,529 2,564	(x) 21 30 15 47 45 37 32	(x) 21 31 15 47 45 37 32	(x) 22 31 15 48 46 37 33	3.1 6.1 -5.3 5.6 1.1 2.5 1.2 5.4	3.8 -7.6 3.7 -4.7 -2.0
	41,628 641 4,532 621 5,883 1,902 6,422 3,420 6,244 11,962	42,337 649 4,599 617 5,977 1,886 6,512 3,464 6,384 12,249	43,044 658 4,665 615 6,068 1,871 6,602 3,507 6,524 12,535	43,742 666 4,729 614 6,157 1,856 6,690 3,549 6,663 12,818	47,058 702 5,025 620 6,551 1,786 7,106 3,740 7,338 14,189	50,002 734 5,274 634 6,877 1,722 7,483 3,906 7,957 15,415	55,110 790 5,688 672 7,410 1,617 8,154 4,205 9,045 17,530	(x) 46 18 (x) 12 34 10 25 11	(x) 46 17 (x) 12 36 11 25 10 4	(x) 45 16 (x) 12 36 11 24 10 4	18.4 12.0 12.1 -3.8 15.2 -4.8 13.7 13.7 22.0 31.5	14.3 10.3 11.5 3.3 11.7 -7.3 11.8 10.1 19.4 20.3
	15,310 3,733 4,848 4,086 2,643	15,408 3,738 4,891 4,119 2,661	15,505 3,742 4,933 4,150 2,680	15,597 3,745 4,972 4,181 2,699	15,979 3,745 5,135 4,307 2,792	16,285 3,733 5,266 4,410 2,877	16,847 3,710 5,500 4,609 3,028	(x) 24 16 22 31	(x) 24 16 22 30	(x) 26 17 23 30	6.3 2.3 8.3 7.4 7.1	5.5 5.5 6.6
	27,122 2,386 4,504 3,295 16,937	27,388 2,400 4,507 3,288 17,192	27,660 2,414 4,510 3,285 17,451	27,937 2,427 4,513 3,285 17,712	29,329 2,482 4,517 3,318 19,012	30,632 2,529 4,516 3,376 20,211	32,961 2,624 4,545 3,511 22,281	(x) 33 20 27 3	(x) 33 20 28 2	(x) 32 21 28 2	17.8 6.1 7.3 8.6 24.5	9.6 4.2 .1 2.6 14.1
	13,271 814 1,006 506 3,308 1,518 3,432 1,694 993	13,517 811 1,009 505 3,350 1,557 3,542 1,722 1,021	13,759 808 1,013 503 3,393 1,595 3,649 1,750 1,049	13,995 805 1,017 502 3,434 1,632 3,752 1,776 1,076	15,082 798 1,034 495 3,637 1,809 4,218 1,893 1,198	16,022 794 1,047 469 3,813 1,968 4,618 1,991 1,303	17,679 794 1,079 487 4,098 2,248 5,319 2,171 1,484	(x) 44 42 50 26 36 23 35 41	(x) 44 42 50 26 35 23 34 41	(X) 44 43 50 25 35 20 34 40	23.1 2.4 7.7 6.9 18.8 25.3 38.0 21.6 34.4	14.5 -1.4 3.0 -2.6 11.0 20.5 23.1 12.1 21.1
	36,387 4,514 2,716 27,531 544 1,081	37,027 4,564 2,733 28,074 554 1,101	37,654 4,612 2,750 28,607 565 1,121	38,265 4,657 2,766 29,126 576 1,141	41,011 4,841 2,828 31,463 636 1,243	43,400 4,991 2,877 33,500 687 1,345	47,943 5,282 2,991 37,347 765 1,559	(x) 19 29 1 48 40	(x) 18 29 1 48 40	(x) 18 29 1 47 38	20.3 12.7 5.0 23.1 43.4 18.2	13.4 7.2 4.0 15.0 19.2 17.9

xt applicable

e: U.S. Bureau of the Census, Current Population Reports, series P-25, forthcoming report.

No. 28. WHITE AND BLACK POPULATION PROJECTIONS, BY STATE: 1986 TO 2000

[As of July 1. For explanation of methodology, see text, section 1. For composition of regions, see fig. I, inside front cover]

			WHIT	E					BLA	CK		
REGION, DIVISION, AND STATE		Numbe	r (1,000)		to	ent of tal lation		Number	(1,000)		to	ent of tal lation
	1988	1989	1990	2000	1990	2000	1988	1989	1990	2000	1990	200
U.S	207,326	208,808	210,247	221,144	84.1	82.6	30,165	30,597	31,026	35,006	12.4	13.
Region:	100	107	1.55		-		11,000				100	10
Northeast	43,634	43,672	43,714	43,880	86.4	84.7	5,565	5,635	5,705	6,363	11.3	12
Midwest	52,696	52,709	52,705	51,687 76,252	88.2 79.5	86.7 78.7	5,862 15,925	5,929	5,995 16,379	6,542	10.0	11.
South	67,761	68,556 43,871	69,343 44,486	49,326	85.1	83.0	2,812	16,153 2,880	2,947	18,546	18.8	19.
***************************************	100	10,011	44,400	40,020	00.1	00.0	2,012	2,000	2,041	0,000	5.0	0.
N.E	12,131	12,197	12,263	12,769	93.8	92.7	584	594	605	702	4.6	5.
ME	1,179	1,188 1,096	1,197	1,252	98.7 98.2	98.5 97.5	7	7	4	4	.3	1.3
NH	546	550	1,122 555	580	98.7	98.2	2	2	7 2	10	.6	1
MA	5,470	5,475	5,482	5,595	93.2	91.9	275	280	284	327	4.8	5.
Al	933	939	943	974	94.1	92.9	37	37	38	45	3.8	4
CT	2,933	2,948	2,964	3,069	90.4	89.1	259	264	269	313	8.2	9.
			1.12	44.4			4444					1
N.	31,504	31,475 14,375	31,451 14,338 6,531	31,110 14,062 6,855	83.9	81.8	4,982	5,040	5,100	5,661	13.6	14.
NY	14,418	6,492	6 534	6.955	80.7 82.7	78.2 80.2	2,791 1,089	2,824	2,858 1,134	3,180 1,349	16.1	17.
PA	10.631	10,608	10,582	10,193	89.5	88.6	1,101	1,105	1,108	1,131	9.4	9.
	10.00	1.10	P. San	111111111			15650	100	No.		100	1
E.N.C	36,272	36,267	36,247	35,281	86.2	84.5	4,997	5,056	5,113	5,584	12.2	13.
QH	9,516	9,510	9,501	9,226	88.0	86.8	1,166	1,177	1,188	1,274	11.0	12
N	5,024	5,027	5,028	4,922 9,173	90,6 81.3	89.5 79.2	458	1,851	469 1,869	513 2,029	8.4 16.1	17.
		9,456 7,770	9,443	7,543	83.7	81.5	1,832	1,337	1,355	1,497	14.6	16
MI	4,503	4,502	4,501	4,417	93.6	92.3	222	227	231	273	4.8	16.
			1	55.23	100			52.		100	100	
W.N.C	16,424	16,442	16,457	16,405	92.9	91.9	865	874	882	958	5.0	5.
MN	4,096	2,704	4,138 2,681	4,250 2,462	95.7 97.2	94.7 96.6	64 50	66 51	67 52	77 58	1.6	2
MO	4.527	4,551	4,573	4,705	88.1	87.4	549	554	559	600	10.8	11
ND		631	627	592	95.0	94.0	3	3	3	4	.5	7
SD	644	643	642	635	90,7	89,0	2	2	2	2	.3	
NE	1,516	1,513	1,510	1,470	95.1	94.5	53	54	54	58	3.4	3
KS	2,278	2,283	2,286	2,292	91.7	90.6	142	144	145	158	5.8	6
SA	32,814	33,332	33,842	38,277	77.4	76.6	8,850	9,007	9,164	10,673	21.0	21
DE	519	524	528	561	79.4	76.5	120	123	126	155	18.9	21
MD	3,291	3,322	3,352	3,597	70.9	68.2	1,176	1,205	1,233	1,469	26.1	2
DC	183	184	184	193	30.0	30.5	426	423	421	430	68.6	6
VA	1,820	4,775 1,806	1,792	5,346 1,664	78.6 96.5	77.7 96.6	1,136 57	1,154	1,171	1,332	19.0	11
NC	4,937	5,005	5,071	5,653	75.8	75.5	1 445	1,463	1 480	1,641	22.1	9
SC		2,421	2,451	2,694	69.1	69.0	1,445	1,055	1,480 1,067	1,170	30.1	3
GA	4,604	2,421 4,704	4,803	5,698	72.1	71.6	1,716	1,752	1,789	2,151	26.9	2
FL	10,360	10,591	10,820	12,870	84.4	83.5	1,732	1,778	1,823	2,279	14.2	1
Eec	12.235	40.004	40.004	40 700	70.0	70.5	2 070	2.000	2 400	2004	20.0	1
E.S.C.		12,301 3,443	12,364	12,782	79.3 92.0	78.5 91.5	3,070 276	3,096 278	3,122	3,354	7.5	
TN	4,066	4,097	4,127	3,414 4,331	83.0	82.2	792	801	810	887	16.3	1
AL	3,032	3,054	3.076	3,225	73.6	73.1	1,055	1,063	1,071	1,136	25.6	1
MS	1,695	1,706	1,717	1,812	63.6	63.0	946	954	962	1,037	35.6	1.
w.s.c	22,713	22,924	23,137	25,192	82.8	82.2	4.006	4,049	4,093	4,520	14.6	
AR	1,989	2,000	2,011	20,192	82.9	82.8	384	385	387	398	15.9	
<b>A</b>	3,080	3,073	3,065	2,093 2,978	67.9	65.9	1,362	1,371	1,380	1,452	30.6	
OK.	2,803	2,795	2,789	2,810	84.9	83.2	222	222	223	231	6.8	1
TX	14,841	15,056	15,272	17,311	86.2	85.7	2,037	2,071	2,104	2,439	11.9	
Mr.	12,462	12,672	40.000		92.0				356	432		1
MT	758	755	12,876 752	14,572 734	93.4	90.9 92.5	340	348	350	432	2.5	1
ID.	982	986	989	1,013	97.3	96.7	4	4	4	6	4	
WY	487	485	483	467	96.3	95.4	4	4	4	4	.8	
00		3,174	3,211	3,535 1,711	93.5	92.7	128	130	133	156	3.9	1
NM	1,371	1,404	1,436	1,711	88.0	87.0	27	28	29	34	1.7	
ŬT	3,184	3,278 1,667	3,369 1,692	4,108	89.8 95.2	89.0 94.4	94	98	99	123	2.7	
NV	899	922	944	1,879	87.8	86.3	69	72	74	94	6.9	
	1 1 2 2	100	201	100	170	1000	- 33	100	10.73	3.7	730	
Pac	30,772	31,199	31,609	34,754	82.6	80.1	2,473	2,532	2,591	3,123	6.8	
WA	4,178	4.216	4,251	4,488	91.3	89.9	113	113	114	116	2.4	
OR.	2,584	2,596 23,570	2,607	2,674	94.3	92.9	43	2,335	2,392	2,909	1.6	
AK	431	439	23,920	26,641	77.5	79.5 75.6	2,278	2,335	2,392	2,909	3.4	
H	372	379	447 385	432	33.7	32.1	20	21	21	24	1.8	

Source: U.S. Bureau of the Census, Current Population Reports, series P-25, forthcoming report.

No. 29. Population Projections, By AGE—States: 1990 and 2000

[In thousands. As of July 1. For explanation of methodology, see text, section 1. For composition of regions, see fig. I, inside front cover]

			19	90					20	000		
REGION, DIVISION, AND STATE	Under 5 years	5-17 years	18-24 years	25-44 years	45-64 years	65 years and over	Under 5 years	5-17 years	18-24 years	25-44 years	45-64 years	65 years and over
U.S	18,408	45,629	25,897	81,555	46,842	31,559	16,898	48,815	24,987	80,793	61,373	34,882
Region: Northeast	1			12.30	14.55		1746	-		1.77	1	
Midwest	3,387	8,513	5,123	16,300	10,166	7,088	3,003	9,004	4,421	15,854	12,179	7,348
South	6,401	11,114	6,112 9,248	19,203 28,131	11,120	7,735 10,946	3,820 6,089	11,167	5,535 9,226	17,626 28,950	13,535	7,913
West	4,126	9,781	5,415	17,921	9,228	5,790	3,985	11,064	5.806	18,363	13,393	6,811
	1	100	6.535	1000	7.7		2.7	1000		10,000	100	- The second
N.E.	876	2,151	1,369	4,363	2,516	1,801	789	2,384	1,184	4,340	3,195	1,883
ME	87	218	124	393	226	164	76	234	109	385	295	172
VT	85	199	122	399 193	207 98	130	82 38	247 112	114 54	431 186	309	149
MA	384	931	627	1,982	1,122	834	344	1,024	534	1 946	1,383	855
RI	65	163	108	325	190	151	59	177	97	1,946	239	152
СТ	212	539	328	1,071	672	456	190	591	277	1,066	837	485
M.A.	2511	6,362	3,753	11,937	7,650	5,267	2,214	6,620	9 997			
NY	1,198	3,048	1,821	5,690	3,626	2,391	1,078	3,111	1,594	11,514 5,533	<b>8,984</b> 4,199	5,465 2,472
NJ.	541	1,320	773	2,547	1,648	1,069	504	1,533	677	2,626	2.032	1,175
PA	772	1,993	1,159	3,700	2,376	1,827	632	1,977	966	3,356	2,753	1,819
ENC	3,150	7,824	4,362	13,568	7,867	5,284	2,681	7,835	3,852	12,501		5,400
OH	790	1 993	1,107	3,435	2.065	1,401	671	1,960	962	3,152	9,477	1,440
IN	414	1,993	581	3,435 1,783	2,065 1,037	692	353	1,029	514	1,635	1,254	717
L	889	2,142 1,746	1,190	3,766	2,180	1.445	768	2,179	1,081	3,498	2,596	1,459
MI WI	694	1,746	1,000	3,044	1,708	1,101	588	1,759	855	2,832	2,090	1,126
WI	363	899	484	1,541	876	645	300	908	440	1,385	1,094	657
W.N.C	1,344	3,290	1,749	5,635	3,253	2,451	1,139	3,333	1,683	5,124	4,059	2,514
MN	336	795	430	1,439	774	550	289	849	412	1,339	1,021	578
A	202	513	265	855	507	415	157	465	237	703	591	397
MO	382	948	510	1,629	995	727	336	995	492	1,552	1,245	764
ND	50	132	68 68	210	112	89	39	118	68	178	140	86
NE	124	142 299	156	499	125 286	101	103	143 295	72 148	194 441	153 342	102
KS	193	461	251	788	453	345	166	467	252	718	567	359
	1000	1			1.3	2.22	1.33	1000	0.000		1.63	
S.A.	2,991	7,591	4,595	14,101	8,506	5,957	2,918	8,637	4,547	15,002	11,714	7,183
MD	334	815	71 498	1,631	128 922	528	316	132 951	67 459	1,709	1,232	607
DC	31	90	69	226	118	80	28	83	66	229	144	83
VA	426	1,059	693	2,129	1,174	676	403	1,204	662	2,215	1,603	790
wv	124	345	185	581	355	267	101	300	154	491	422	255
NCSC	447	1,188	761	2,180	1,293	821	431	1,292	742	2,283	1,746	989
GA	263	1,297	407 749	1,157	1,202	396	248	720	403	1,183	888	465
FL	810	1,997	1,162	3,748	2.672	678 2,429	531 813	1,525	785 1,210	2,523 4,141	1,764 3,752	3,068
24.0	0.000	1155	0.00	100	1000	1000	200	327	1000	100	100	15.00
E.S.C	1,130	3,006	1,663	4,919	2,916	1,964	1,014	2,997	1,585	1,088	3,776	2,148
KY	270	709	403	1,194	698 965	470	234	672	368	1,088	877	494
AL	332	905 812	525 441	1,611	780	635 528	301 276	903	498 421	1,582	1,273	709 584
MS	220	580	295	802	473	330	204	587	297	806	622	361
was		22.		200	1440		-		1000		125	100
W.S.C	2,281	5,625 469	2,989	9,111	4,906	3,025	2,157	5,945	3,095	9,183	6,776	3,478
LA.	377	947	238 485	1,449	464 776	361 480	154 320	467 909	230 468	1,312	600 989	385 518
OK	241	632	330	1,039	616	426	212	626	336	960	792	450
TX	1,488	3,577	1,936	5,902	3,050	1,758	1,471	3,944	2,060	6,218	4,394	2,125
	1,183	2,818	1,443		2,382				1,602			
MT	60	160	75	4,667 262	146	1,503	1,150	3,162	75	4,744	3,550	1,816
ID.	86	223	99	322	170	116	77	214	103	292	240	121
WY	44	107	50	182	76	42	37	100	52	150	110	41
0	256	630	361	1,268	595	326	238	686	377	1,237	887	386
NM AZ	146	341 709	168 385	1,187	280	165 496	151	418	188	588	1.024	203 655
ŬT.	210	463	196	526	670 236	144	313 211	878 504	251	1,313		165
NV	73	184	108	388	209	113	72	214	121	422	345	140
	200	1000	100		1000	2.55	100	15 56 1	100	100	1	1.00
Pac WA	2,943	6,963	3,972 470	1,631	6,846 831	4,287 552	<b>2,836</b> 291	7,903 872	4,204	13,619	9,843	4,995
WA OR CA AK	196	841 496	259	956	487	371	170	507	475 257	852	718	372
CA	2,289	5,292	3,036	10,061	5,234	3,213	2,242	6,160	3,242	10,569	7,465	3,822
AK	54	122	70	222	87	22	59	142	76	249	132	29
HI	72	212	137	384	207	128	74	222	154	429	289	177

Source: U.S. Bureau of the Census, Current Population Reports, series P-25, forthcoming report.

#### No. 30. METROPOLITAN AND NONMETROPOLITAN AREA POPULATION: 1950 TO 1986

[Metropolitan areas as defined by Office of Management and Budget as of year shown, except as noted. See headnote, table 31]

ITEM	1980	1980	1970	1990 <sup>1</sup> (SMSA's)	1889 <sup>1</sup> (MSA's and CMSA's)	1985 <sup>2</sup> (MSA's and CMSA's)	1990 <sup>2</sup> (MSA's and CMSA's)
Metropolitan areas: Number of areas Population (1,000) Percent change over previous year shown Percent of total U.S. population Land area, percent of U.S. land area Nonmetropolitan areas, population (1,000)	84,854 3 22.0 56.1 5.9	212 112,885 33.0 63.0 8.7 66,438	243 139,480 23.6 66.6 10.9 63,822	318 169,431 21.5 74.8 16.0 57,115	281 172,335 (x) 76.1 16.2 54,211	281 182,558 5.9 76.5 16.2 56,140	261 184,713 1.2 76.6 16.2 56,323

X Not applicable. SMSA-standard metropolitan statistical area, Areas are as defined June 30, 1981. See headnote, table 31. Percent change from 1940.

### No. 31. Number and Population of Metropolitan Areas, by Population Size-Class in 1980: 1970 to 1986

[As of Aprill 1; except 1998, as of July 1. Data exclude Puerto Rico. CMSA-consolidated metropolitan statistical area. PMSA-primary metropolitan statistical area. PMSA-primary metropolitan statistical area. Areas are as defined by U.S. Office of Management and Budget, June 30, 1987. For definitions, see Appendix III. See also Historical Statistics, Colonial Times to 1970, series A 264–275.

		CMS	A'S AND M	SA'S			MSA	S AND PM	SA'S	
				Popul 19					Popul 19	ation, 86
LEVEL AND POPULATION SIZE-CLASS OF METROPOLITAN AREA IN <b>1980</b>	Num- ber, 1987	Population, 1970 (mil.)	Population, 1980 (mil.)	Total (mil.)	Per- cent in each class	Num- ber, 1987	Population, 1970 (mil.)	Population, 1980 (mil.)	Total (mil.)	Per- cent in each class
Total, all metropolitan areas Level A (1,000,000 or more) 2,500,000 or more 1,000,000-2,499,999 Level B (250,000-999,999) 500,000-999,999 250,000-499,999 Level C (100,000-249,999) Level D (less than 100,000)	35 12 23 90 33 57	155.8 100.1 67.6 32.4 37.5 20.4 17.1 15.8 2.4	172.3 107.8 71.5 36.3 43.1 23.3 19.8 18.6 2.8	184.7 115.3 76.1 39.2 46.4 25.2 21.2 20.0 3.0	100.0 62.4 41.2 21.2 25.1 13.6 11.5 10.8	332 41 9 32 115 43 72 141 35	155.8 86.4 42.0 44.4 48.3 26.9 21.5 18.6 2.6	172.3 92.6 42.4 50.2 55.0 30.3 24.7 21.8 3.0	184.7 99.1 44.4 54.7 59.1 32.6 26.5 23.3 3.2	100.0 53.7 24.0 29.6 32.0 17.7 14.3 12.6

Source of tables 30 and 31: U.S. Bureau of the Census, U.S. Census of Population: 1950, 1960, and 1970; 1960 Census of Population, vol. I, chapter A (PC80-1-A) and Supplementary Report, Metropolitan Statistical Areas (PC80-S1-18); and pres release (CB87-116).

### No. 32. IMMIGRANTS ADMITTED BY SELECTED COUNTRY OF BIRTH AND METROPOLITAN AREA OF INTENDED RESIDENCE: 1986

[For year ending September 30, includes Puerto Rico, includes new arrivals and persons adjusting their status. MSA-metropolitic statistical area and PMSA-primary metropolitical statistical area as defined by U.S. Office of Management and Budget, June 3 1985. See text, section 1, and Appendix III]

METROPOLITAN AREA OF INTENDED RESIDENCE	Total 4	Mexi- co	Philip- pines	South Korea	Cuba	Viet- nam	India	Domini- can Repub- lic	China: Main- land	Ja
Total 2	601,708	66,533	52,558	35,776	33,114	29,993	26,227	26,175	25,106	19,1
New York, NY PMSA	94,827	544	1,872	2.813	878	612	3,100	16,538	7,024	9.
Los Angeles-Long Beach, CA PMSA	62.771	11,723	7,611	5,111	2,202	3,064	1,204	39	2,552	1
Chicago, IL PMSA	21,661	4,061	2,514	1,419	413	325	2,496	77	621	1 3
Chicago, IL PMSA	20,841	98	168	35	13,154	28	78	411	64	1
San Francisco, CA PMSA Washington, DC-MD-VA MSA	16,436	512	3.614	427	51	1.183	255	5	3,193	
Washington, DC-MD-VA MSA	15,805	91	784	1,719	99	935	980	186	631	1
Anaheim-Santa Ana, CA PMSA	13,270	1,900	938	1,076	239	2,850	436	4	355	1
San Jose, CA PMSA	12,321	1,007	2,032	544	17	2,492	626	3	635	1
Oakland, CA PMSA	10,117	657	2,357	435	22	659	448	3	823	1
San Diego, CA MSA	9,895	3,080	2,086	195	57	931	90	9	152	1
Newark, NJ PMSA	9,874	24	437	295	1,009	110	706	300	183	1
Boston, MA PMSA	9,656	25	155	217	100	608	397	495	763	1
Jersey City, NJ PMSA	8,305	18	474	114	2,863	113	718	762	87	1
Bergen-Passaic, NJ PMSA	8,087	55	360	547	239	54	621	1,080	102	1
Nassau-Suffolk, NY PMSA	7,846	47	227	399	69	91	548	630	367	1
Philadelphia, PA-NJ PMSA		41	457	1,093	29	431	689	48	275	1
Houston, TX PMSA	7,229	2,136	290	208	195	799	454	34	177	1
Honolulu, HI MSA	6,305	20	3,309	836	1	289	14	1	577	1
Dallas, TX PMSA		1,651	197	291	140	377	392	9	65	
Detroit, MI PMSA	5,293	96	446	382	30	85	541	5	126	1

Includes other countries, not shown separately.
Includes other metropolitan areas, not shown separately.
Source: U.S. Immigration and Naturalization Service, Statistical Yearbook, annual.

#### VO. 33. METROPOLITAN AND NONMETROPOLITAN AREA POPULATION-STATES: 1970 TO 1986

and 1998, as of April 1; 1996 as of July 1. Excludes Armed Forces abroad. Refers to 261 metropolitan statistical areas and tonacidated metropolitan statistical areas as defined by U.S. Office of Management and Budget, June 30, 1997; see smalls. For explanation of average annual percent change, see Guide to Tabular Presentation. For composition of regions, fig. I, inside front cover. Minus sign (-) indicates decrease)

		METRO	POLITAN A	REA PO	PULATIO	ON.			NONMETR	OPOLITAN	AREA I	POPULA	TION	
GION, ON, AND TATE		Total (1,000)		anr	rage nual cent inge	Perce Sta			Total (1,000)		Ave and periodia	ual cent	Perce Sta	
	1970	1980	1986	1970- 1980	1980- 1986	1970	1986	1970	1980	1986	1970- 1980	1980- 1986	1970	1986
S	155,832	172,335	184,713	1.0	1,1	76.7	76.6	47,470	54,211	56,323	1.3	.6	23.3	23.4
E	40.740	40.004	****						****					
heast	43,742 40,487	43,291 41,580	44,036 42,066	1	.3	89.2 71.5	88.0 70.9	5,318 16,103	5,844 17,286	5,982 17,248	.9	4	10.8 28.5 32.7	12.0
h	42,282	51,489	57,819	2.0	1.9	71.5 67.3	70.9 69.7	20,531	17,286 23,883	25,164	1.5	.8	32.7	30.3
	29,320	35,975	40,791	2.0	2.0	84.2	83.7	5,518	7,198	7,930	2.7	1.5	15.8	16.3
	9,822 365	10,020	10,276	.2	7	82.9 36.8	80.7	2,026	2,329	2,461 750	1.4	.6	17.1	19.3 63.9
	404	404 511	424 579	1.0	2.0	54.8	36.1 56.4	628 333	720 410	448	2.1	1.4	63.2 45.2 77.7	43.6
	99	115	125	1.5	1.2	22.3	23.1	346	396	416	1.4	1.4	77.7	76.9
-	5,266 868	5,231 878	5,293	-:1	2	92.6 91.4	90.8	423 82	506	539 73	1.8 -1.7	1.0	7.4 8.6	9.2
	2,819	2,879	2,953	.2	A	93.0	92.6	213	228	236	.7	.5	7.0	7.4
	33,921	33,272	33,760	-2	2	91.2	90.6	3.293	3,515	3,521	.7	1	8.8	9.4
	16,647	15,869	16,082	2 5	.2	91.3	90.5	1,594	1,689	1,690	.6	-	8.8	9.5
	7,171	7,365 10,038	7,620 10,059	1	.5	100.0 85.6	100.0 84.6	1,698	1,826	1,830	.7	1 5	14.4	15.4
	1		5.5			1	100	0.00					12.00	6.00
ent	31,621 8,565	32,204 8 521	32,256 8,475	1	1	78.5 80.4	77.3 78.8	8,642 2,092	9,479 2,277 1,771	9,482	.9	-	21.5 19.6	21.2
	3,551	8,521 3,719	8,475 3,743	.5	.1	68.4	68.0	1,644 1,986 1,521	1,771	2,277 1,760	.7 .5 1.6	1	31.6	32.0
****	9,125 7,361	9,339 7,481	9,520 7,334	2	.3	82.1 82.9	82.4 80.2	1,986	2,088 1,782	2,033 1,811	1.5	-4	17.9 17.1	17.6
******	3,019	3,145	3,184	.4	.1 .3 3 2	68.3	66.5	1,399	1,561	1,601	1.1	3	31.7	33.5
Cent	8,867	9,376	9,810	.6	.7	54.3	55.8	7,461 1,373	7,807	7,767	.5	1	45.7	44.2
	2,434	2,621	2,772 1,222	.7	.9	63.9	65.8		1,455	1,442	.6	1	36.1	34.2
	1,154 3,170	1,223	3,336	.6	.5	40.8 67.8	42.9 65.9	1,671	1,691	1,730	1.1	6	59.2 32.2	57.1
	196	234	253	1.8	1.2 1.7	31.7	37.3	422	418	426	1	.4	68.3	34.1 62.7
-	155 650	180 708	200 750	1.5	1.7	23.2 43.8	28.2 46.9	512 835	511 862	508 848	3	1 3	76.8 56.2	71.8 53.1
	1,109	1,184	1,279	.9	1.2	49.3	52.0	1,140	1,180	1,182	.3	17	50.7	48.0
	22,051	26,777	30,081	1.9	1.9	71.9	73.5	8,628	10,183	10,833	1.7	1.0	28.1	26.5
	386	398	418	1.9 .3 .7	.8	70,4	73.5 66.0	162	196	215	1.9	1.5	29.6	34.0
***************************************	3,668	3,920 638	4,147 626	-1.7	3	93.5	92.9	255	297	317	1.5	1.0	6.5	7.1
	3,279	3,745	4,138	1.3	1.6	70.5	71.5	1,373	1,601	1,650	1.5	-5	29.5	28.5
	683 2,755	718 3,204	702 3,484	1.5	13	39.1	36.6	1,061	1,232 2,678	1,217	1.5	10	60.9 45.8	63.4 45.0
-	1,504	1,865	2,033	1.5	1.3	54.2 58.0	55.0 60.2	2,330 1,087	1,256	2,847 1,343	1.4 1.4 1.5	1.0	42.0	39.8
-	2,807 6,213	3,403 8,885	3,922 10,613	1.9	2.3	61.2 91.5	64.3 90.9	1,781	2,060 862	2,182 1,063	1.5	3.3	38.8 8.5	35.7
	0,213	6,865	10,613	3.6	2.8	91.5	90.9	578	862	1,063	4.0	3,3	750	1
Cent	6,913 1,550	7,903	8,287	1.3	.8 .8 .9	54.0 48.1	54.5	5,895	6,763	2,033	1.7	4 5 3	46.0 51.9	45.5
-	2,630	1,677	1,695 3,207	1.5	.8	67.0	45.5 66.8	1,671 1,296	1,984	1,596	1.7	.5	33.0	54.5 33.2
	2,169	2,462 716	2,597 788	1.3	1.5	63.0 25.5	64.1 30.0	1,275 1,653	1,432	1,455	1.2	3	37.0 74.5	70.0
-	364	/16		2.4	1.5	25.5	30.0	1,003	1,804	1,637	.8	11 32	/4.5	1
Cent	13,318	16,809 885	19,451	2.3	2.3	68.9	72.4	6,008	6,938	7,410	1.4	1.1	31.1 62.0	60.7
	2,439	2,892	3,110	1.9	1.2	38.0 66.9	39.3 69.1	1,193	1,401	1,439	1.6	.4	33.1	30.9
	1,432	1,724	1,935	1.9	1.8	56.0	58.5	1,127	1,301	1,370	1.4	.8	44.0	41.5
-	8,716	11,307	13,472	2.6	2.8	77.8	80.7	2,483	2,922	3,209	1,6	1.5	22.2	19.
	5,155	7,263	8,486	3.4	2.5	62.2	65.2	3,135	4,110	4,497	2.7	1.4	37.8	75.6
	169	189	200	1.1	1.8	24.4 15.7	24.4 19.4	525 601	598 771	619 809		.6	75.6 84.3 67.6	80.7
	108	141	146	2.7	.6	32.4	28,8	225	329	361	3.8	1.5	67.6	71.2
	1,772	2,326 609	2,665 704	2.7		80.2 44.8	81.6 47.6	438 562	563 694	602 776		1.1	19.8	18.4
-	1,323	2,040	2,503	4.3	3.3	74.5	75.4	453	678	777	4.0	2.2	25.5	23.4
-	822 394	1,128	1,282	3.2		77.6	77.0 82.5	238 94	333 144	384 169	3.4	2.3		17.5
	0.00	of JETT	100	1 3	1	9.52	55,5		1500	1.0	110		1	1
	24,165	28,712 3,322	32,305 3,615		1.9	91.0 80.6	90.4 81.0	2,383 661	3,088 810	3,433 848	2.0	1.7	19.4	19.0
	1,415	1,763	1,818	2.2	5	67.7	67.4	676	870	880	2.5	.2		32.6
meeting.	19,241	22,689 174	25,820		2.1	96,3	95.7	730 176	979 227	1,161		27	3.7 58.2	56.0
	631	763	817	1.9	1.1	81.9	76.9	139	202	246		3.1	18.1	23.

Represents or rounds to zero.

ros: U.S. Bureau of the Consus, press release (CS 87-116), and unpublished data.

## No. 34. METROPOLITAN STATISTICAL AREAS—POPULATION, 1970 TO 1986, AND SELECTED CHARACTERISTICS, 980

[1979 and 1998, as of April 1; 1985 and 1996 as of July 1. Covers 20 consolidated metropolitan statistical areas (CMSAs), their 71 component primary metropolitan statistical areas (PMSAs), and the remaining 111 MSA's with 250,000 and over population as defined by the U.S. Office of Management and Budget as of June 30, 1987. Figures for 1970 include corrections. Rank based on unrounded figures for CMSAs and MSAs only. For definitions and components of all MSAs, see Appendix II. For explanation of average annual percent change, see Guide to Tabular Presentation. Minus sign (—) indicates decrease]

			1960				RA	NK.		RAGE
METROPOLITAN STATISTICAL AREA	1970	1.0	Perc	cent-	1985	1986	7			CENT
METHOP OUT AN ENTITIONE ANEX	(1,000)	Total (1,000)	Black	His- panic <sup>1</sup>	(1,000)	(1,000)	1980	1986	1970- 1980	1980
Albany-Schenectady-Troy, NY MSA Albuquerque, NM MSA Allentown-Bethiehem, PA-NJ MSA Appleton-Oshkosh-Neenah, WI MSA Allanta, GA MSA Allantic City, NJ MSA Augusta, GA-SC MSA Austin, TX MSA Baltimore, MD MSA Baltimore, MD MSA	811 316 594 277 1,684 235 291 360 330 2,089	836 420 635 291 2,138 276 346 346 347 403 2,200	3.7 2.3 1.4 2 24.6 14.2 30.9 9.4 5.2 25.5	1.0 36.8 2.4 .5 1.1 3.2 1.5 17.6 21.6	839 465 651 305 2,469 294 380 480 2,252	844 474 657 308 2,561 297 390 726 494 2,280	46 80 54 107 16 113 95 63 84	48 75 55 113 13 115 90 53 73 18	.3 2.8 .7 .5 2.4 1.6 1.7 4.0 2.0	1 2 1 1 4 3
Baton Rouge, LA MSA Beaumont-Port Arthur, TX MSA Binghamton, NY MSA Birmingham, AL MSA Boston-Lawrence-Salem, MA-NH CMSA Boston, MA PMSA Brockton, MA PMSA Lawrence-Haverhill, MA-NH PMSA Lowell, MA-NH PMSA Nashua, NH PMSA Salem-Gloucester, MA PMSA	376 348 268 794 3,939 2,887 163 301 225 100 263	494 375 263 884 3,972 2,806 183 339 243 143 256	27.8 21.8 1.3 27.2 4.4 5.8 3.2 .8 .8	1.7 3.4 .7 .6 2.3 2.4 1.5 3.8 2.2 .8	543 380 262 905 4,052 2,832 186 362 253 159 259	546 376 262 911 4,056 2,824 188 368 368 254 163 259	69 88 123 42 7 (X) (X) (X) (X) (X)	68 94 125 44 7 (X) (X) (X) (X)	2.7 .8 2 1.1 3 1.2 1.2 .8 3.5 2	1 2 6
Srownsville-Harlingen, TX MSA.  Sulfalo-Niagara Falls, NY CMSA.  Bulfalo, NY PMSA.  Niagara Falls, NY PMSA.  Canton, OH MSA.  Charleston, SC MSA.  Charleston, WY MSA.  Charlote-Gastonia-Rock Hill, NC-SC MSA.	140 1,349 1,113 236 394 336 257	210 1,243 1,015 227 404 430 270	9.2 10.1 4.9 6.0 31.0 5.1	77.1 1.3 1.4 .8 .9 1.5	252 1,185 968 217 401 477 269	257 1,182 965 217 400 486 266	138 29 (x) (x) 83 77 118	128 33 (x) (x) 86 74 122	4.1 8 9 4 .3 2.5	3 [ [ ] ] ]
MSA hattanooga, TN-GA MSA	840 371	971 427	20.0	.8	1,053 425	1,065 426	36 78	35 82	1.4	(-1
Chicago-Gary-Lake County (IL), IL-IN-WI CMSA. Aurora-Elgin, IL PMSA. Chicago, IL PMSA. Chicago, IL PMSA. Joilet, IL PMSA. Joilet, IL PMSA. Joilet, IL PMSA. Joinet, III PMSA. Joinet,	7,779 277 6,093 633 274 118 383 1,613 1,387 226	7,937 316 6,060 643 355 123 440 1,660 1,401 259	19.6 4.4 22.3 19.7 8.9 2.3 6.4 11.2 12.4 4.7	8.6 8.6 7.3 4.0 2.9 4.8 .6	8,080 336 6,170 620 365 121 469 1,681 1,413 268	8,116 343 6,188 615 370 120 480 1,690 1,417 272	3 X X X X X X X X X X X X X X X X X X X	3 (X) (X) (X) (X) (X) (X) (X) (X) (X) (X)	2 13 -1 1 26 4 14 3 1	7
Cleveland-Akron-Lorain, OH CMSA Akron, OH PMSA Cleveland, OH PMSA Lorain-Elyria, OH PMSA Colorado Springs, CO MSA Columbia, SC MSA Columbia, SC MSA Columbus, GA-AL MSA Columbus, OH MSA Columbus, OH MSA Columbus, OH MSA Corpus Christi, TX MSA Dallas-For Worth, TX CMSA Dallas, TX PMSA Fort Worth-Arlington, TX PMSA	3,000 679 2,064 257 236 323 239 1,149 285 2,352 1,556 795	2,834 660 1,899 275 309 410 239 1,244 326 2,931 1,957 973	15.0 9.1 18.2 7.2 6.2 28.8 35.0 11.0 4.0 14.3 16.1 10.6	1.5 1.4 4.8 8.1 1.3 2.3 .7 48.5 8.5 9.0 7.4	2,773 645 1,857 270 367 436 248 1,287 360 3,526 2,322 1,204	2,766 645 1,850 271 380 445 251 1,299 363 3,655 2,401 1,254	11 (x) (x) (x) 105 82 131 28 99 10 (x) (x)	12 (X) (X) (X) 92 78 131 29 98 8 (X) (X)	6 3 8 .7 2.7 2.4 (z) .8 1.4 2.2 2.3 2.0	
Davenport-Rock Island-Moline, IA-IL MSA. MSA. Dayton-Springfield, OH MSA. Daytona Beach, FL MSA. Deriver, Countier, CO CMSA. Boulder-Longmont, CO PMSA. Deriver, CO PMSA. Des Moines, IA MSA. Destroit-Ann Arbor, MI CMSA. Ann Arbor, MI PMSA. Detroit, MI PMSA. Erie, PA MSA. Erie, PA MSA. Erie, PA MSA. Erie, PA MSA. Evans-ville, IN-XY MSA.	363 975 169 1,238 132 1,106 340 4,788 234 4,554 359 264 215 255	384 942 259 1,618 190 1,429 368 4,753 265 4,488 480 260 275 276	4.4 12.6 11.2 4.8 9 5.3 3.8 19.4 10.7 19.9 3.8 4.4 6.5	3.0 .7 1.6 10.7 5.4 11.4 1.3 1.6 1.5 1.6 61.9 .7 2.0	377 931 311 1,828 213 1,615 380 4,592 262 4,330 549 279 264 282	371 934 321 1,847 214 1,633 381 4,601 266 4,335 562 279 263	86 39 124 21 (x) (x) 89 6 (x) (x) 70 111	95 42 110 22 (x) (x) 91 6 (x) (x) 67 120 123	.6 3 4.2 2.7 3.6 2.6 8 1 1.2 1 2.9 6.5 2.5 8	
Fresno, CA MSA.	212 105 446 335 413	247 205 450 354 515	30.6 8.0 17.5 7.5 4.9	3.7 2.8 1.7 1.5 29.3	256 267 434 352 576	281 259 279 435 356 588	114 127 140 73 93 67	118 127 121 80 101 64	1.5 6.7 .1 .6 2.2	

# 34. METROPOLITAN STATISTICAL AREAS—POPULATION, 1970 TO 1986, AND SELECTED CHARACTERISTICS, 1980—Continued

[See headnote, p. 28]

			1980				RAN	K		RAGE
OUTAN STATISTICAL AREA	1970		Perc	cent-	1985	1986			PER	CENT
ACTION STATISTICAL AREA	(1,000)	Total (1,000)	Black	His- panic <sup>1</sup>	(1,000)	(1,000)	1980	1986	1970- 1980	1980- 1986
s, MI MSA	539	602	5.3	2.3	634	649	56	58	13	1.2
partanburg, SC MSA ebanon-Carlisle, PA MSA v Britain-Middletown, CT	743 473 510	852 569 555	19.0 17.1 6.2	.7 .8 1.1	894 600 574	900 606 577	44 59 62	45 61 65	1.4 1.8 .8	1.0
PMSA T PMSA n, CT PMSA n, CT PMSA MSA	1,000 70 711 74 145 631	1,014 74 716 82 142 763	7.1 1.4 8.6 5.3 3.4 2.2	4.3 1.5 4.8 1.7 5.0 7.2	1,037 76 734 84 144 811	1,044 76 739 84 144 817	35 (X) (X) (X) (X) 47	36 (X) (X) (X) (X) 49	.1 .5 .1 1.0 -2 1.9	.5 .6 .5 .5 .2 1.1
veston-Brazoria, TX CMSA TX PMSA TX PMSA TX PMSA ISHland, WV-KY-OH MSA IN MSA FL MSA FL MSA FL MSA FRINGSOrt-Bristol, TN-VA	2,169 108 170 1,891 307 1,111 289 613	3,101 170 196 2,736 336 1,167 362 722	18.2 7.8 18.5 18.8 2.2 13.5 41.3 21.6	14.5 13.4 12.0 14.7 .5 .8 .8	3,606 187 214 3,205 331 1,203 388 825	3,634 189 215 3,231 328 1,213 392 853	9 (x) (x) (x) 97 30 92 50	9 (x) (x) 108 32 89 47	3.6 4.5 1.4 3.7 .9 .5 2.3 1.6	2.5 1.7 1.5 2.7 4 .6 1.3 2.7
	374	434	2.1	.5	442	443	76	79	1.5	A
PA MSA MO-KS MSA 4 MSA 1 MSA nter Havon, FL MSA 1 MSA L Lansing, MI MSA NY MSA lyette, KY MSA forth Little Rock, AR MSA	263 1,373 477 229 320 378 273 267 381	265 1,433 566 322 362 420 463 318 474	1.3 12.6 6.1 15.0 1.9 5.6 10.0 11.0	2.3 .6 3.0 2.5 3.1 7.6 .7	256 1,499 589 368 387 417 551 330 499	254 1,518 591 377 394 425 570 332 506	121 25 60 101 91 81 72 103 71	130 25 63 93 88 83 66 107 72	1.7 3.4 1.2 1.0 5.3 1.7 2.2	6 .9 .7 2.5 1.3 .2 3.3 .7
Anaheim-Riverside, CA santa Ana, CA PMSA. set-Long Boach, CA PMSA. untura, CA PMSA. SA PMSA SA PMSA SA PMSA SA MSA MSA SA MSA MSA MSA SA MSA MSA MSA SA MSA MSA SA MSA MSA MSA MSA MSA MSA MSA MSA MSA M	9,981 1,421 7,042 378 1,139 907 235 290 182	11,498 1,933 7,478 529 1,558 957 264 324 283	9.2 1.3 12.6 2.1 5.0 12.6 33.6 1.8	24.0 14.8 27.6 21.4 18.6 .6 .9 1.0 81.3	12,759 2,127 8,131 601 1,901 964 280 341 356	13,075 2,167 6,296 611 2,001 963 282 345 366	2 (X) (X) (X) (X) 38 122 100 110	2 (x) (x) (x) (x) 40 117 102 96	1,4 3,1 .6 3,4 3,1 .5 1,2 1,1 4,4	2.1 1.8 1.7 2.3 4.0 .1 1.1 1.0 4.1
itusville-Palm Bay, FL N-AR-MS MSA	230 834	273 913	8.7 39.9	2.0	348 950	361 960	116	99 41	1.7	4.5
auderdale, FL CMSA	1,888	2,644	14.9	23.5	2,865	2,912	12	11	3.4	1.5
erdale-Hollywood-Pompano FL PMSA leah, FL PMSA lacine, WI CMSA , WI PMSA II PMSA SL Paul, MN-WI MSA MSA N MSA	620 1,268 1,575 1,404 171 1,962 377 195 226 699 489 243 1,100	1,018 1,626 1,570 1,397 173 2,137 444 266 273 851 500 251 1,256	11.2 17.2 10.5 10.8 8.0 2.3 28.6 1.2 34.7 16.1 10.5 3.5 32.6	4.0 35.7 2.6 2.5 4.2 1.0 15.0 15.0 9 .7 3.7 1.9	1,120 1,745 1,551 1,380 172 2,262 465 304 295 911 509 258 1,330	1,142 1,770 1,552 1,380 172 2,295 470 317 299 931 512 260 1,334	(x) (x) 23 (x) (x) 17 74 120 117 45 68 125 27	(X) (X) 24 (X) (X) 16 76 111 114 43 70 126 27	5.0 (-z) 1 .1 .8 1.6 3.1 1.9 2.0 2 .3 1.3	1.8 1.4 - 2 1 1.1 .9 2.8 1.5 1.4 .4 .5
orthern New Jersey-Long NY-NJ-CT CMSA issaic, NJ PMSA I-Miltord, CT PMSA CT PMSA y, NJ PMSA -Somerset-Hunterdon, NJ	18,193 1,358 444 136 608	17,539 1,293 439 170 557	16.1 7.1 8.3 2.6 12.6	11.7 7.0 7.1 1.9 26.1	17,918 1,300 443 183 557	17,968 1,298 444 186 553	(X) (X) (X) (X)	XXXX	4 5 1 2.2 9	.1 .2 1.4 1
NOcean, NJ PMSA uffolk, NY PMSA NY PMSA UJ PMSA CT PMSA Ountly, NY PMSA CT PMSA	852 670 2,556 9,077 1,937 128 222 206	886 849 2,606 8,275 1,879 127 260 199	5.3 6.2 6.2 23.1 21.7 8.9 6.2 8.4	4.4 2.5 3.9 17.7 6.9 4.1 4.3 3.7	931 913 2,630 8,472 1,889 128 276 197	950 935 2,635 8,473 1,889 128 282 195	SSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	SSSSSSS	.4 2.4 2 9 3 1 1.6 4	1.1 1.5 2 .4 .1 .1 1.3 -3
nia Beach-Newport News, Ny, OK MSA	1,059	1,160	26.1	1.6	1,280	1,310 983	31 43	28 38	.9	1.9

stee at end of table.

## No. 34. METROPOLITAN STATISTICAL AREAS—POPULATION, 1970 TO 1986, AND SELECTED CHARACTERISTICS, 1980—Continued

[See headnote, p. 28]

			1980				RAN	K	AVE	RAG
METROPOLITAN STATISTICAL AREA	1970		Perc	ent-	1985	1986			PER	
METHOPOLITAL STATISTICAL AREA	(1,000)	Total (1,000)	Black	His- panic I	(1,000)	(1,000)	1980	1986	1970- 1980	19
Omaha, NE-IA MSA	556	585	7.5	2.0	611	614	57	59	.5	Г
Orlando, FL MSA	453	700	12.9	3.7	863	898	51	46	4.3	1
Pensacola, FL MSA	243	290 366	16.7	1.6	328 347	337	109	106	1.8	
Peoria, IL MSA Philadelphia-Wilmington-Trenton, PA-NJ-	342	300	6.0	.9	34/	340	90	103	.7	1
DE-MD CMSA	5,749	5,681	18.2	2.6	5,787	5,833	4	5	1	
Philadelphia PA-N.I PMSA	4 824	4,717	18.8	2.5	4,791	4,826	(x)	(x)	2	1
Viscland Milhella Bridgeton, N.I. PMSA	304 121	308 133	18.0 15.0	3.4 9.4	317 135	321 135	(x)	(x)	.9	1
Trenton, NJ PMSA	499	523	14.0	1.6	543	551	(X) (X) (X)	(X) (X) (X) (X)	.5	1
Phoenix. AZ MSA	9/1	1,509	3.2	13.2	1,817	1,900	24	21	4.4	1
Pittsburgh-Beaver Valley, PA CMSA	2.556	2.423	7.5	.5	2.334	2,316	13	15	5	
Beaver County, PA PMSA	208	204	5.6	.5	195	193	(x)	(x)	2	1
Pittsburgh, PA PMSA	2,348	2,219	7.7	.5	2,139	2,123	(x) (x) 26	(X) (X) 26	6	
Portland-Vancouver, OH-WA CMSA	1,047	1,298	2.6	2.0	1,350	1,364 1,153	26	26	2.1 1.9	1
Vancouver WA PMSA	128	192	.9	1.6	207	211	(x)	(x)	4.0	1
Vancouver, WA PMSA	222	245	7.0	2.4	254	257	(x) (x) 129	(x) (x) 129	1.0	ı
Providence-Pawtucket-Fall River, RI-MA	0.21.5				2 440			100	1 1	1
CMSAFall River, MA-RI PMSA	1,065 152	1,083	23	1.8	1,100	1,108	33 (x)	34 (x)	.2	
Pawtucket-Woonsocket-Attleboro, RI-	102	137	.3	1.0	157	156	(×)	(*)		1
MA PMSA	301	307	.8	2.0	314	317	(x)	(x)	.2	1
Providence, RI PMSA	612	619	3.6	2.1	629	634	(x)	(x)	.1	l l
Raleigh-Durham, NC MSA	446	561	26.1	.8	631	651	61	56	2.3	1
Reading, PA MSA.  Richmond-Petersburg, VA MSA.  Rochester, NY MSA.  Rockford, IL MSA.	296	313	2.5	2.9	319	321	104	109	.5	ı
Richmond-Petersburg, VA MSA	676 962	761 971	29.1	2.0	801 976	810 980	48 37	50 39	1.2	1
Rockford II MSA	272	280	7.6	2.4	280	280	112	119	.1	
Sacramento, CA MSA	848	1,100	5.6	9.6	1,256	1,291	32	30	2.6	
Saginaw-Bay City-Midland, MI MSA	401	422	8.9	3.9	405	404	79	85	.5	1
Sacramento, CA MSA Saginaw-Bay City-Midland, MI MSA St. Louis, MO-IL MSA Salem, OR MSA	2,429	2,377	17.2	4.5	2,422	2,438	14	124	2.9	1
Salinas-Sesside-Monterey CA MSA	247	290	6.5	25.9	329	262 340	126 108	104	1.6	1
Salt Lake City-Ogden, UT MSA	684	910	.9	4.9	1,025	1,041	41	37	2.9	1
San Antonio, TX MSA	888	1,072	6.8	44.9	1,242	1,276	34	31	1.9	1
Salem, OH MSA. Salinas-Seaside-Moniterey, CA MSA. Salt Lake City-Ogden, UT MSA. San Antonio, TX MSA. San Diego, CA MSA. San Francisco-Oakland-San Jose, CA	1,358	1,862	5.6	14.8	2,133	2,201	19	19	3,2	1
CMSA	4,754	5,368	8.7	12.3	5,803	5,878	5	4	1.2	1
Oakland CA PMSA	1 628	1,762	15.0	10.5	1,910	1,934		(x)	.8	1
San Francisco, CA PMSA San Jose, CA PMSA Santa Cruz, CA PMSA	1,482	1,489	8.6	11,1	1,570	1,588	XXXX	(x) (x)	(z) 2.0	1
San Jose, CA PMSA	1,065	1,295	3.4	17.5	1,397	1,402	(x)	(x)	4.2	
Santa Rosa-Petaluma CA PMSA	124	300	1.2	14.7	213 334	344	(x)	(x)	3.8	
Santa Rosa-Petaluma, CA PMSA Vallejo-Fairfield-Napa, CA PMSA	251	334	8.6	10.0	378	392	(x) (x)	(x) (x)	2.9	
Conta Darbara Conta Maria Lamana CA		120.1	1		16.0	1 1 2 2 2	1.7	3.5	100	1
MSA MSA MSA Scranton-Wilkes-Barre, PA MSA Seattle-Tacoma, WA CMSA Seattle, WA PMSA Tacoma, WA PMSA Tacoma, WA PMSA Tacoma, WA PMSA Tacoma, WA PMSA	264	299	2.6	18.5	331	339	106	105	1.2	1
Scranton-Wilkes-Barre, PA MSA	696	729	.6	.4	724	726	49	54	.5	1
Seattle-Tacoma, WA CMSA	1,837	2,093	4.2	2.1	2,251 1,725	2,285	18	17	1.3	1
Tacoma WA PMSA	1,425	1,607	3.6 6.1	2.0	526	1,751 533	(x) (x) 98	(x) (x) 97	1.6	1
		333	33.2	1.5	363	365	98	97	1.2	1
		342	1.3	1.4	357	357	96	100	1.7	1
Springfield, MA MSA	528	515	5.5	4.6	517	518	66	69	2	1
Stracuse NY MSA	291 637	347 643	5.5 4.8	19.2	415 649	433 649	94 53	81 57	1.8	
Springfield, MA MSA. Stockton, CA MSA. Syracuse, NY MSA. Tampa-St. Petersburg-Clearwater, FL MSA.	007	043	4.0		040	040	33	3,		
MŠA	1,106	1,614	9.2	5.0	1,871	1,914	22	20	3.8	
Toledo, OH MSA	606	617	10.6	2.7	611	611	55	60	.2	
Toledo, OH MSA	352	531	2.8	21.0	585	602	64	62	4.1	
Tulsa OK MSA	526	657	7.8	1.5	728	734	52	52	2.2	
Utica-Rome, NY MSA	340 188	320 246	1.4	29.8	317 280	315 287	102	112	6 2.7	
Visalia-Tulare-Porterville, CA MSA Washington, DC-MD-VA MSA	3,040	3.251	26.8	2.9	3,494	3,563	8	10	.7	
West Palm Reach-Roca Raton-Delray		10000	17.0	63	1	11172310		1.40		
Beach, FL MSA	349	577	13.4	4.9	724	756	58	51	5,0	
Worcester MA MSA	417	442	7.4	3.0	466 404	470 408	75 85	77 84	.6	
Beach, FL MSA. Wichita, KS MSA. Worcester, MA MSA. York, PA MSA.	330	381	2.6	.9	393	398	87	87	1.5	
Youngstown-Warren, OH MSA	537	531	10.5	1.3	514	510	65	71	-3	

X Not applicable. Z Less than .05 percent. <sup>1</sup> Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, 1980 Census of Population, Supplementary Report, Metropolitan Statistical Area S1-18) and General Population Characteristics (PC80-1-B); and press release (CB87-116).

## 35. RESIDENT POPULATION IN COUNTIES WITHIN 50 MILES OF COASTAL SHORELINES: 1960 TO 1985

population as of April 1, except 1995, estimated as of July 1. Excludes Assaka and Hewell. Covers 611 counties and it cities which are entirely or substantially within 50 miles of U.S. coastal shorelines. Great Lakes region includes St. River]

	Conter-		IN COASTA	1	Balance		
YEAR	minous U.S., total	Total	Atlantic	Pacific	Great Lakes	Gulf of Mexico	conter- minous U.S.
970 (1,000 sq. ml.)	2,964	469	122	118	134	94	2,498
POPULATION			l				
***************************************	178.5	92.7	41.7	16.8	26.4	7.8	85.7
***************************************	202.2 225.2	108.5	48.2	21.5	29.3	9.5	98.8
***************************************	225.2	118.4	50.7	25.4	29.8	12.6	106.7
***************************************	236.8	125.0	53.1	26.0	29.6	14.3	113.8
0	100.0	51.9	23.4	9.4	14.8	4.4	48.0
0	100.0	53.7	23.8	10.6	14.5	4.7	46.4
0	100.0	52.6	22.5	11.3	13.2	5.6	47.4
0	100.0	52.3	22.2	11.7	12.4	5.9	47.7

## B. NUMBER OF COUNTIES AND POPULATION, 1986, BY DIVISION AND PERCENT CHANGE IN COUNTY POPULATION, 1980-1986

[Covers counties and county equivalents. For composition of division, see figure I, inside front cover]

CHANGE IN POPULATION, 1809–1900	Total	New Eng- land	Mid- dle Atlen- tic	East North Cen- tral	West North Cen- tral	South Atlan- tic	East South Cen- tral	West South Cen- tral	Moun- tain	Pacific <sup>1</sup>
MBER OF COUNTIES										
		67	150	437	618	801	384	470	301	150
10.00 percent		-	-	3	13	3	2	9	13	2
.99 percent	. 281	-	7	34	154	23	15	23	21	4
.99 percent	397 391	1	23	84 91	138	47 56	36 80	36 37	21 20	8 12
cent		10	28	71	86	67	67	42	17	14
percent		20	35	86	67	110	83	67	36	iš
percent		20	24	80	57	118	86	107	47	29
9 percent		11	4	8	30	96	20	69	65	29 46
it or more		1	1	-	7	60	5	58	41	26
bution:										
10.00		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 1.3
- 10.00 percent	9.0	-	4.7	7.8	2.1	3.9	4.1	4.9	4.6 7.5	2.5
-4.99 percent		6.0	15.3	19.2	22.3	8.0	9.0	8.1	7.5	3.8
1.98 percent	12.5	1.5	18.7	20.8	13.9	9.5	16.5	7.9	7.1	7.5
percent		14.9	18.7	16.2	10.7	11.3	18.4	8.9	6.0	8.8
9 percent		29.9	23.3	19.7	10.8	16.6	25.5	14.3	12.8	11.9
I9 percent		29.9	16.0	13.7	9.2	20.0	18.1	22.8	16.7	18.1
9.99 percent		16.4	2.7	1.8	4.9	16.6	5.5	18.9	23.1	30.0
ent or more	6.6	1.5	.7	-	1.1	11.7	1.4	12.3	14.6	16.3
<b>LATION, 1986 (1,000)</b>	į .						İ			
***************************************	241.038	12,737	37,281	41.739	17,576	40,914	15,200	30.081	12.384	26,737
10.00 percent	388	-	- 1	61	79	34	19	44	141	9
.99 percent	10,267	-	2,847	4,071	2,154	435	233	214	122	191
.99 percent		297	4,334	7,989	2,007	2,182	764	474	198	365
19 percent		603	6,254	6,108	1,763	1,994	2,434	1,150	308	392 1,000
roent		4,417	6,237	11,714	2,997 3,848	1,966	2,488 5.088	1,082	1.074	1.522
percent		4,957 1,281	11,837 5,066	6,450 4,433	2,405	9.181	2,634	5,290	1.264	7.076
9 percent		1,172	663	914	2.003	10,210	1,213	10.790	5.405	20,400
tt or more		11	22	1	321	8,127	338	5,270	4,196	4,792
fbution:	1	l	1						}	
	. 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
- 10.00 percent	2	-	-	.1	.5	1.1	.1	.2	1.1	(2)
-9.99 percent	. 4.3	l -	7.8	9.8	12.3	1.1	1.5	.8	.9	.5
-4.99 percent	. 7.7	2.3	11.8	19.1	11.4	5.3	5.0	1.8	1.5	1.0
1.99 percent		4.7	16.8	14.6	10.0	4.8	16.0	4.3	2.4	1.1 2.8
percent		34.7 38.9	18.7 31.8	26.1 15.5	17.1 21.9	16.6	16.3 33.5	9.4	2.1 8.3	4.3
19 percent		10.1	13.6	10.6	13.7	22.4	17.3	19.7	9.7	19.8
9.99 percent	21.9	9.2	1.8	2.2	11.4	25.0	8.0	40.2	41.6	57.1
ent or more		1 7	1.1		1.8	19.9	2.2	19.6	32.3	13.4
	1	II		I						

emis zero. Z Lees than .05 percent. 1 Data for Kalewao County, Hewaii included in Maul. tables 35 and 38: U.S. Bureau of the Census, unpublished data.

#### No. 37. CITIES. BY POPULATION SIZE: 1980 TO 1986

[Covers incorporated places of 10,000 population or more]

POPULATION SIZE		NUMBER	OF CITIES	3		POPULAT	ION (mil.)		PERCENT OF TOTAL				
POPULATION SIZE	1980	1978	1869	1985	1990	1970	1889	1956	1985	1970	1990		
Total	1,964	1,867	2,233	2,233	91.0	105.7	113.6	126.5	100.0	100.0	100.0		
1,000,000 or more 500,000-1,000,000 250,000-500,000 100,000-250,000 50,000-100,000 25,000-50,000	16 30 79 180 366	6 20 30 97 232 455 1,127	6 16 34 116 254 529 1,278	8 15 37 122 286 583 1,302	17.5 11.1 10.8 11.4 12.5 12.7 15.1	18.8 13.0 10.5 13.9 16.2 15.7 17.6	17.5 10.9 12.3 16.8 17.5 18.4 20.1	20.0 10.0 13.3 17.9 19.6 19.4 20.4	19.2 12.2 11.8 12.5 13.7 14.0 16.5	17.8 12.3 9.9 13.1 15.3 14.9 16.7	15.4 9.6 10.8 14.8 15.4 16.2 17.7		

Source: U.S. Bureau of the Census, Census of Population: 1970 and 1980, vol. I; and unpublished data.

No. 38. CITIES WITH 100,000 INHABITANTS OR MORE IN 1986—POPULATION, 1970 TO 1986, AN LAND AREA, 1985

[Population: 1976 and 1986, as of April 1; other years, as of July 1. Data refer to municipal limits as of January 1 for 1976 1980 and as of December 31 prior to estimate date for all other years. For comments on comparability of race data for and 1980, see text, section 1. Minus sign (-) indicates decrease)

	19	70		1965		1982.	1964.		1986,	population		11
СТУ	Total popula-	Per-	Total popula-	Perc	ent—	total popu- lation	total popu- lation	Total	Rank	Percent change,	Per square	
	tion 1 (1,000)	Black *	tion (1,000)	Black	His- panic <sup>s</sup>	(1,000)	(1,000)	(1,000)		change, 1980- 1889	mile	3.8
Abliene, TX		5.8	100	6.7	12.6	106	110	112	151	12.6	1,169	
Akron, OH Albuquerque, NM	275 245	17.5 2.2	237 332	22.2 2.5	.6 33.8	232 342	227 351	222 387	68 40	-6.4 10.4	3,582 2,883	١.
Alexandria, VA	111	14.1	103	22.3	3.9	104	107	108	162	4.5	7.187	'
Allentown, PA	110	1.8	104	3.1	5.1	104	104	104	170	.6	5,963	l
Amerillo, TX Anaheim, CA	127 166	5.3	149 219	5.5 1.2	9.2 17.2	155 226	163 234	166 241	96 63	11.1 9.7	1,915	l
Anchorage, AK 5		(z) 5.9	174	5.3	3.0	204	234	235	67	34.7	5,398 136	1,1
Ann Arbor, Ml	100	6.7	108	9.3	2.1	109	108	106	163	2	4,295	<b>"</b> "
Arlington, TX	90	6	162	2.9	4.1	185	216	250	61	54.3	2,730	١.
Atlanta, GA Aurora, CO	495 75	51.3 1.2	425 150	6.6 6.9	1.4 5.0	426 184	426 208	422 218	32 71	7 37.5	3,216 3,268	Ì
Austin, TX	254	11.8	373	12.2	18.7	397	426	467	27	25.2	2.618	,
Bakersfield, CA	70	13.3	113	10.6	15.0	116	140	150	109	32.9	1,923	
Beltimore, MD Beton Rouge, LA	905 186	46.4 27.8	787 220	54.8 36.5	1.0 1.8	774 232	764 239	753 241	11 62	-4.3 9.4	9,375 3,308	
Beaumont, TX	118	30.7	118	36.6	3.5	123	123	120	139	1.5	1,625	ļ
Berkeley, CA Birminghem, AL	114 301	23.5 42.0	103 267	20.1 55.6	5.1 .8	103 283	104 280	104 276	171 55	.8 -3.2	9,551 2,781	
Boise City, ID	75	72.0	102	.5	2.3	105	107	108	180	6.0	2.562	1
Boston, MA	641	16.3	563	22.4	6.4	561	571	574	19	1.9	12,153	
Bridgeport, CT Brownsville, TX	157 53	16.3 .2	143 85	21.0	18.7 83.7	144 91	142 96	142 102	117	5	9,650 3,533	
Buffalo, NY		20.4	358	.2 28.6	2.7	348	339	325	174	20.1 9.2	7,771	İ
Ceder Rapids, IA	111	1.6	110	2.3	.9	109	109	108	161	-1.7	1,993	I
Charlotte, NC Chattanooga, TN	241 120	30.3 35.8	326 170	31.0 31.7	1.1	335 186	342 164	352 162	96	7.9 4.3	2,325 1,310	i
Chesapeake, VA	90	23.1	114	27.6	8. 9.	120	126	134	127	17.4	395	l
Chicago II	3 340	32.7	3,005	39.8	14.0	2,997	2,992	3,010	3	.1	13,194	l
Chula Vieta, CA Cincinnati, OH	68 454	27.6	106	2.0	23.4	109	113	119	141	12.6	4,466	1
Cleveland, OH	751	38.3	365 574	33.8 43.8	.8 3.1	380 559	370 547	370 536	39	-4.1 -6.6	4,740 6,783	1
Colorado Springs,		1				ļ.	٠	ı		1		l
∞	136	5.2	215	5.6	8.5	232	248	273	57	26.8	1,960	1
Columbus, GA 4	155	26.2	169	34.2	2.1	174	175	180	88	6.3	826	1
Columbus, OH Concord, CA	540 85	18.5	565 104	22.1 1.7	7.2	571 104	566 104	566 108	166	.2 2.1	3,024 3,617	i
Corpus Christi, TX.	205	5.1	234	5.1	46.6	248	261	264	58	12.6	1,582	
Delles, TX		24.9	905	29.4	12.3	944	974	1,004	8	10.9	3 097	1
Dayton, OH Denver, CO	243 515	30.5 9.1	194 493	36.9 12.0	18.8	188 506	181 505	179 505	89 23	-7.6 2.5	3,299 4,728	i
Des Moines, IA		5.7	191	6.8	1.8	192	191	192	78	.6	2,908	ł
Detroit, MI	1,514	43.7	1,203	63.1	2.4	1,157	1,127	1,088	6	-9.7	8,010	1
Durham, NC Elizabeth, NJ		38.8 15.5	108	47.1 18.2	26.7	109 107	110 107	114	149	5.1 .3	2,178 9,106	1
El Paso, TX	322	2.3	425	3.2	62.5	445	464	492	24	15.6	2.062	l
Erie, PA	129	6.6	119	9.7	1.1	118	117	115	147	-3.2	5,312	1
Eugene, OR Evaneville, IN	79 139	.8 7.3	108 130	1.1 8.8	2.1	104 130	103 130	105 129	167	2 8	2,9 <b>86</b> 3,434	1
Flint, MI	193	28.1	160	41.4	2.5	154	149	146	116	-8.8	4,452	ĺ
Fort Lauderdale,	1	ì	!	ł			l		1		1 -	
FL	140	14.8	153	21.0	4.2	154	150	149	112	-3.0	5,021	

See footnotes at and of table.

# . 38. CITIES WITH 100,000 INHABITANTS OR MORE IN 1986—POPULATION, 1970 TO 1986, AND LAND AREA, 1985—Continued

See headnote, p. 32]

TY	40.00					1982,	1984,					1985,
	Total popula- tion 1	Per- cent Black <sup>2</sup>	Total popula-	1	ent-	popu- lation	total popu- lation	Total (1,000)	Rank	Percent change, 1960-	Per square	land area * (square
	(1,000)	DIBCK -	(1,000)	Black	panic 3	(1,000)	(1,000)	1.05-1-0		1986	mile	miles)
yne, IN	178	10.6	177	14.6	2.2	173	170	173	94	- 2.6	2,921	59.2
CA	393 101	19.9 (z)	385 132	22.8	12.6 14.0	401 138	415 144	430 154	30 108	11.5 16.4	1,636	262.6 78.4
CA	166 86	9.6	248 102	9.5	23.6	257 105	273 107	285 109	53 159	14.9	3,009 4,899	94.6
Grove,	100		1	1	1000	11 (33)		1 3 3	100		200	
TX	121	(z) 3.7	125 139	5.3	13.5 6.3	128 149	131 160	135	126 91	8.1 27.1	7,662 3,146	17.6 56.1 39.4
AZ	175	52.8	152	70.8	7.1 12.8	148	143	137 126	122 135	-10.0 29.5	3,472 2,506	39.4 50.2
CA	133	(Z) 11.3	139 182	15.7	17.8	142 183	147	154 187	107	10.5	5,022 4,298	30.0
In NC	144	28.2	170	33.0	.8	172	174	177	90	3.7	2,427	72.1
VACTCA	121 158	25.4 27.9	123 136	34.3 33.9	20.5	125 136	126 136	126 138	134	2.8	2,456 7,752	51.
	93 102	1.8	94 145	5.7	20.2 74.3	96 155	99 152	102 162	176 100	8.5 11.4	2,281 8,338	19.4
1, FL	107 325	3.7	121	4.1	5.3 5.2	122	120	121	138	3	8,515	14.
HI.	1,234	25.7	368 1,611	1.2 27.6	17.6	368 1,744	1,724	372 1,729	38	1.2 7.3	4,280 3,062	87.0 564.6
ČA	116	(z) 12.1	171	7	7.9	176	179	184	83	7.7	6,751	27.2
ence,	139		143	20.7	1.0	145	150	163	97	14.7	1,405	116.3
lis, IN	737	18.0	112 701	21.8	1.4	112 708	710	113 720	150	1.0	1,401 2,045 11,522	352.0
, CA	90 97	11.2	94 110	57.3 1.5	19.2 7.4	97 114	120	103 129	172	8.9 16.9	1,522	67.3
MS Ile, FL	154 504	39.7 22.3	203 541	47.0 25.4	1.8	204 556	209 578	208 610	74	12.7	1,963	106.2 759.7
y. NJ	260 168	21.0	224	27.7	18.6	223	223	219	70	-1.8	16,627	13.2
ty, MO	507	20.4	161 448	25.3 27.4	4.9 3.3	162 445	160 443	162 441	99 29	-1.5	1,509	107.4 316.3
TN	175 93	12.7	175 114	14.6	5.9	175 118	174	173 122	93	-1.0 7.3	2,209 3,001	78.4
ity, KSity, MO TN	131 69	9.3	130	13.9	6.3	128	128	129	131	-1.1	3.654	35.3
s, NV	126	11.2	96 165	12.8	93.0 7.8	105 180	115	117	145 79	21.4 16.3	5,024 2,850	23.3 67.2
KY '	108 150	17.0	204 172	13.3	1.6	208 177	210 180	213 183	73 85	4.3 6.5	748 3,001	284.7 61.0
k, AR	132 110	25.0	178 105	32.2	.8	179 101	181	181	86 181	1.6	1,870	96.6 34.8
ch. CA	359	(z) 5.3	361	11.3	14.0	371	379	396	33	9.6	7,957	49.8
es, CA	2,812 362	17.9 23.8	2,969 299	17.0 28.2	27.5	3,022	3,097	3,259 286	52	9.8	6,996 4,689	465.9
X	149	7.3 37.3	178 117	8.2 44.5	18.8	180 119	182	186 118	143	5.0 1.3	1,803 2,383	103.4
WI	172 624	1.5	171 646	2.7	1.3	173	171	176	92	3.1	3,162	55.6
	63	1.2	162	47.6 1.2	9.1	646 182	648 206	653 251 374	15	1.0 55.2	2,403 2,739	271.6 91.8
e, WI	335 717	22.7 14.7	347 636	25.1	55.9 4.1	383 632	373 621	374 605	36 18	7.9 -4.9	10,902 6,316	34.3 95.8
lis, MN	434 190	35.4	371 200	7.7 36.2	1.3	369 205	358 205	357 203	43 75	-3.8 1.4	6,476	55.1 123.6
CA	62 133	1.9	107	2.1	10.5	114	122	133	128	24.3	6,476 1,642 4,870 1,463	27.3
on, TN	426	19.6	456	23.3	.8	455	462	474	26	4.0	988	479.5
en, CT	138 593	26.3 45.0	126 558	31.9	8.0	125	124	123	136	-2.1	6,532	18.9
, NY	7,896 1,472	21.1	7,072	55.3 25.2 31.8	19.9	7,086	7,165	7,263	21	2.7	2,781	199.4 301.5
m ugh	2,602	25.2	2,231	32.4	33.9 17.6	1,163	1,173	1,194	(x)	1.0	28,633 32,664	70.2
ttan ugh	1,539	24.7	1,428	21.7	23.5	1,423	1,456	1,478	(x)	3.5	86,577	22.2
s ugh Island	1,987	13.0	1,891	18.7	13.9	1,900	1,911	1,923	(x)	1.7	17,707	108.6
Island ugh	295	5.3	352	7.3	5.4	360	371	375	(x) 50	6.5	6,388	58.7
NO News,	382	54.2	329	58.2	18.6	321	314	316	17.23	-3.9	13,122	24.1
/A	138 308	28.4 28.3	145 267	31.5 35.2	1.8	151 267	155 280	162 275	101 56	11.6	2,476 5,185	65.3 53.0
CA	362 78	34.5	339 90	46.9 5.6	9.6	345 102	352 109	357 101	42 178	5.2 12.4	6,623 2,892	53.9 35.0
City.	100	1000	1000	1		1000	11,573	-	14.2	1	6.173	
E	368 347 64	13.7 9.9 1.8	404 343 89	14.6 12.0 3.4	2.8 2.3 27.1	428 344 97	443 348 106	446 349 114	28 45 148	10.4 1.9 28.7	738 3,517 3,149	604.1 99.3 36.3

footnotes at end of table.

No. 38. CITIES WITH 100,000 INHABITANTS OR MORE IN 1986—POPULATION, 1970 TO 1986, AN LAND AREA, 1985—Continued

[See headnote, p. 32]

	19	70		1980		1982.	1984,		1986,	population		
CITY	Total	Per-	Total	Perc	cent-	total	total	200		Percent	Per	
	tion 1 (1,000)	cent Black <sup>2</sup>	popula- tion (1,000)	Black	His- panic <sup>3</sup>	popu- lation (1,000)	population (1,000)	Total (1,000)	Rank	change, 1980- 1986	square	1
Prange, CA	77	.3	91	.9	12.4	95	97	101	180	10.2	4,438	
rlando, FL	99	29.5	128	30.0	3.9	134	137	146	115	13.7	2,416	1
xnard CA	71	6.0	111	6.1	44.4	118	124	127	133	14.7	5,162	ı
asadena CA	113	16.1	118	20.7	18.4	121	125	130	129	10.0	5,599	1
asadena, CA asadena, TX aterson, NJ	90	1	113	.8	17.0	122	119	118	144	4.9	3,090	1
aterson, NJ	145	26.9	138	34.1	28.7	139	139	139	119	.8	16,763	ı.
eoria, IL	127	11.5	124	16.7	1.4	122	117	110	158	-11.2	2,607	1
hiladelphia, PA	1,949	33.6	1,688	37.8	3.8	1,665	1,647	1,643	5	-2.7	12,080	1
eoria, IL hiladelphia, PA hoenix, AZ	584	4.8	790	4.8	14.8	824	853	894	10	13.1	2,314	1
ttsburgh, PA	520	20.2	424	24.0	В	415	403	387	35	-8.6	6,994	L
ttsburgh, PA lano, TX omona, CA ortland, OR	18	4.9	72	3.3	3.5	84	93	111	155	53.5	1,788	1
omona, CA	87	12.2	93	19.0	30.5	100	107	116	146	24.6	5,068	I.
ortland, OR	380	5.6	397	7.6	2.1	395	394	388	34	-2.3	3,417	1
ortsmouth, VA	111	39.9	105	45.1	1.0	106	108	111	157	6.1	3,712	1
ortsmouth, VA rovidence, RI ueblo, CO aleigh, NC	179	8.9	157	11.8	5.8	156	154	157	106	.3	8,317	1
Jedio, CO	97	2.1	102	2.1	35.5	101	100	101	177	4	3,040	1
aregn, NC	123	22.7	156	27.4	.9	160	170	180	87	15.4	2,325	1
		42.0	101	2.7	5.1	107	106	110	154	9.6	3,093	1
chmond, VAverside, CAoanoke, VA	140	5.2	219	51.3	1.0	218	219	218	72	7	3,622	1
anoke VA	92	19.3	171	6.9 22.0	16.2	174	182	197	76	15.3	2,659 2,364	1
ochester, NY	295	16.8	242	25.8	5.4	244	101	236	175 66	1.7	6,900	1
ockford, IL	147	8.3	140	13.2	2.9	138	137	136	124	-2.4	3,303	ı
cramento, CA	257	10.7	276	13.4	14.2	289	304	324	49	17.3	3,329	ı
Louis MO	622	40.9	453	45.6	1.2	437	429	426	31	-5.9	6 043	1
Louis, MO Paul, MN	310	3.5	270	4.9	2.9	270	266	264	59	-2.4	6,943 5,032	ı
Petersburg, FL.	216	14.8	239	17.2	1.8	241	241	239	64	3	4,283	1
It Lake City.		14.0	200		1.0	2	24.	200		_	4,200	1
UT	176	1.2	163	1.5	7.6	164	165	158	104	-2.8	1,577	L
an Antonio, TX	654	7.6	810	7.3	53.7	844	869	914	9	12.8	3,003	r
an Bernardino,		100	100		1000	1	1	34.0	100	1,000	17,222	L
CA	107	14.0	120	14.9	25.4	126	132	139	120	15.4	2,511	ı
an Diego, CA	697	7.6	876	8.9	14.9	916	960	1,015	7	16.0	3,086	
an Francisco,		144	12.1	70	1518	07.7	17.72	36.2	100	122	12000	1
CA	716	13.4	679	12.7	12.3	692	713	749	12	10.3	16,142	ı
an Jose, CA	460	2.5	629	4.6	22.3	659	686	712	14	13.1	4,204	ı
inta Ana, CA	156	4.3	204	4.0	44.5	217	225	237	65	16.1	8,642	1
ottsdale, AZ	118	44.9	142	49.0	1.3	146	145	147	114	3.6	2,585	ı
attle, WA	68 531	7.1	494	9.5	3.1	94 490	99 488	111	154	25.4	610	ı
ravenort I A	182	34.1	207		2.6			486	25	-1.5	5,816	ı
outh Bend, IN	126	14.1	110	41.1 18.3	2.4	212 108	221 107	220 107	69	6.5 -2.3	2,479	ı
okane, WA	171	1.3	171	1.6	1.5	172	173	173	164 95	-2.3	3,104	ı
ringfield II	92	8.2	100	10.8	.7	100	102	100	182	.3	2,428	1
ringfield MA	164	12.6	152	16.6	9.1	152	150	149	111	-1.9	4,713	ı
pringfield, MO	120	2.0	133	2.1	7	134	137	139	118	4.7	2,108	1
oringfield, IL oringfield, MA oringfield, MO amford, CT	109	12.3	102	15.0	5.6	104	102	101	179	-1.4	2,653	1
ening Heights.			192	,0.0	5.5	104	102	101		- 12	2,000	1
MI	61	.1	109	.2	.9	108	109	112	153	2.7	3,059	1
MIockton, CA innyvale, CA racuse, NY	110	11.0	150	10.4	22.1	162	171	183	84	22.7	4,276	1
nnyvale, CA	96	.8	107	2.4	11.5	107	111	112	152	5.2	4,792	
racuse, NY	197	10.8	170	15.7	1.7	166	164	161	102	-5.5	6,754	1
coma, WA	154	6.8	159	9.2	2.4	161	159	159	103	.3	3,325	
llahassee, FL	73	25.1	106	31.8	1.8	106	113	119	140	12.5	2,042	1
llahassee, FL mpa, FL mpe, AZ ledo, OH peka, KS	278	19.7	272	23.5	13.3	276	275	278	54	2.2	3,269	1
mpe, AZ	64	.7	107	1.8	8.2	113	118	136	123	27.6	3,527	1
ledo, OH	383	13.8	355	17.4	3.0	351	344	341	46	-3.9	4,041 2,246	
peka, KS	125	8.4	119	9.5	4.6	120	119	119	142	1	2,246	1
rrance, CA	135	(z) 3.5	130	.7	8.3	130	133	136	125	4.4	6,613	1
cson, AZ	263		339	3.7	24.9	355	367	359	41	6.0	2,859	ı
peka, KS	330	10.6	361	11.8	1.7	375	375	374	37	3.6	2,008	Г
ginia beach,	172	9.1	262	10.0	20	200	200	200	1.0	07.0		
aco TX	95	19.9			2.0	283	309	333	47	27.2	1,476 1,390 4,355	1
norman Mi	179		101	21.8	11.1	102	104	105	168	3.9	1,390	
arren, MIashington, DC	757	71.1	161 638	70.3	2.8	156 633	152	150	110	-7.0	4,355	1
aterbury CT	108		103				623	626	16	-1.9	9,984	þ
aterbury, CT	277	10.1	103 281	11.6	6.7	103	103	102	173	9	3,577	Г
inston-Salem,	211	9.7	261	10.8	3.5	290	284	289	51	2.9	2,545	þ
NC	134	34.3	143	40.2	.8	145	148	148	113	3.6	2 124	Г
orcester, MA	177	1.9	162	2.9	4.3	161	160	158	105	-2.5	2,134 4,218	ł
onkers, NY	204	6.4	195	10.5	8.7	192	191	186	82	-4.7	10,168	
	141	25.2	116	33.3	3.3	111	108	105	169	-9.4	3,034	

X Not applicable. Z Less than .05 percent. ¹ 1970 population totals include corrections made after tabulatic completed. ² Based on uncorrected tabulated data. ¹ Hispanic persons may be of any race. ² As of Dece Reflects estimates of areas annexed or detached since January 1, 1980 as provided by the municipalities. The Burer Census cannot verify, and is not responsible for, the accuracy of these data. ² Anchorage city consolidated with A Borough September 15, 1975. ² Columbus and the unincorporated balance of Muscogee County consolidated on J 1971. ¹ Lexington and Fayette County consolidated January 1, 1974.

Source: U.S. Bureau of the Census, Census of Population: 1970, vol. 1, chapters A and B; 1980 Census of Population chapters A and B; prest release (CB 87–165) (revised 11–04–87) and unpublished data.

#### POPULATION 65 YEARS OLD AND OVER, AND SOCIETAL SUPPORT RATIOS: 1960 TO 1986

a, except as indicated. As of July, includes Armed Forces overseas. The support ratio is the number of elderly persons of a specified age per 100 persons defined by age or work status)

SROUP	1960	1970	1980	1986	SUPPORT RATIO	1960	1970	1980	1986
ars and over	16.7	20,1	25.7	29.2	Persons, 65 years old and over, per				
all ages	9.2	9.8	11.3	12.1	100 persons, 18-64 years old	17	17	19	20
	6.3	7.0	8.8	9.7	Persons, 60 years old and over, per		1 77	127	
	4.8	5.5	6.8	7.7	100 persons, 20-59 years old	27	29	30	31
	3.1	3.9	4.8	5.6	Nonworkers, 65 years old and over,			7	100
	1.6	2.3	3.0	3.4	per 100 workers, 18-64 years old 1	21	22	23	22
l over	.9	1,4	2.3	2.8	Nonworkers, 60 years old and over, per 100 workers, 20-59 years old 1	28	30	31	30

a are persons not in labor force and workers are persons in divilian labor force. Labor force date are monthly of on the Current Population Survey; see tack, section 1. Data from U.S. Burseu of Labor Statistics.

Burseu of the Census, *Current Population Reports*, series P-25, No. 1000 and serier reports; and unpublished

#### 10. PERSONS 65 YEARS OLD AND OVER-CHARACTERISTICS, BY SEX: 1960 TO 1986

			MALE					FEMALE		
CHARACTERISTIC	1990	1970	1980	1986	1986	1990	1876	1986	1986	1986
million)of total population	7.5 8.6 6.9 .5	8.3 8.5 7.6 .7	9.9 9.2 9.0 .8	11.0 9.7 9.8 .9	11.3 9.9 10.2 .9	9.9 9.9 6.4 .6	11.5 11.1 10.6 .9	14.2 12.4 12.9 1.2	16.8 13.1 14.3 1.3	16.1 13.2 14.5 1.4
(percent)	2.5 1.6	3.2 2.3 1.6 1.4	3.5 2.6 1.7 1.6	3.7 2.8 1.9 1.7	3.7 2.8 1.9 1.7	3.7 2.8 1.9 1.6	3.7 3.0 2.2 2.3	4.2 3.4 2.5 3.0	4.2 3.8 2.7 3.4	4.3 3.6 2.8 3.4
poverty level: 1 4 inciders	29.7 56.5	16.6 40.0	8.4 25.3	6.0 20.8	(M) (M)	31.5 <b>60</b> .1	23.5 40.9	13.0 30.5	13.0 25.9	200
CENT DISTRIBUTION  1  SECRET.	7.3 71.7 69.0 2.7 19.4 1.7	7.5 73.1 60.9 3.2 17.1 2.3	4.9 78.0 78.1 1.9 13.5 3.6	5.3 77.2 75.0 2.2 13.6 3.7	5.1 77.2 75.3 1.9 13.7 4.0	8.5 36.8 36.0 1.6 53.1 1.5	7.7 35.6 33.9 1.7 54.4 2.3	5.9 39.5 37.9 1.7 51.2 3.4	5.1 39.9 36.3 1.6 50.7 4.3	5.2 40.0 38.3 1.7 50.5 4.4
xeeholders	12.8 2.4	79.2 14.9 2.4 3.8	* 83.0 15.7 1.3 (NA)	4 82.4 15.4 2.2 (NA)	* 82.6 15.6 1.6 (NA)	67.7 26.8 3.0 2.4	58.5 35.2 1.9 4.4	* 56.8 42.0 1.1 (NA)	* 56.7 42.1 1.1 (MA)	* 56.6 42.2 1.2 (NA)
nents: 1 sehold	(NA)	96.5 14.1 69.9 11.5 4.5	98.9 14.9 78.1 8.9	99.5 14.7 75.0 9.6 .5	99.5 14.9 75.3 9.3 .5	97.0 (NA) • 36.9 (NA) 3.0	95.0 33.8 33.9 27.4 5.0	98.7 41.0 37.9 20.8 .3	99.6 41.1 36.3 20.2	96.6 41.3 36.3 19.9
i completed: as high school gh school college	10.4 7.8	61.5 12.6 12.5 5.6 7.9	45.3 15.5 21.4 7.5 10.3	37.2 15.7 26.4 9.1 11.5	35.6 15.5 26.9 9.6 12.4	66.4 12.8 11.6 6.1 3.2	56.1 13.9 18.1 6.7 5.2	41.6 16.7 25.9 8.8 7.4	34.1 17.0 30.7 10.3 6.0	33.2 17.2 31.8 10.3 7.5
rticipation: <sup>6</sup>	31.7 1.4 66.9	25.9 .9 73.2	18.4 .6 81.0	15.3 .5 84.2	15.4 .5 84.0	10.5 .3 86.2	9.4 .3 90.3	7.6 .3 91.9	7.0 2 92.7	7.2 2 92.6

witable. <sup>1</sup> Civilian population as of March. Beginning 1990, excludes institutional population. <sup>9</sup> Includes other sum separately. <sup>9</sup> Estimated total resident population as of July 1. <sup>4</sup> Poverty status based on income in ... <sup>9</sup> Escutional three living in unrelated subternities. <sup>9</sup> Includes a small number of "spouse present" in group in Institutions (1990 and 1970) and other group quarters. <sup>9</sup> Annual averages of monthly figures. Source: U.S. or Statistics, Employment and Emirings, monthly.

ept as noted, U.S. Bureau of the Caneus, *Current Population Reports*, series P-20, No. 418 and earlier reports; tos. 57 and 59; series P-25, No. 1000; and series P-80, No. 158 and earlier reports; and unpublished data.

#### No. 41. Persons 65 Years Old and Over—Family Characteristics by Living Arrangements: 1984

(In percent, except as Indicated. Covers persons 65 years old and over who were living in communities outside of nursing hor or other institutions (olvitian noninstitutionalized population). Based on a supplement to the National Health Interview Survey; Appendix III. See also tables 42, 174, 175, and 596)

		ואט	NG-			LM	HQ-
птем	Total	Alone	With others	ITEM	Total	Alone	O#
Total (1,000)	28,433	8,397	15,836	Number of living siblings: None	20.8 21.5 18.7	25.0 23.6	,
Total Number of living children:	100.0	100.0	100.0	Two	13.8 25.4	16.7 12.5 22.2	,
None	18.7 17.7 24.7 15.4 23.4	26.9 19.3 22.6 13.5 17.7	15.0 17.0 25.6 16.4 26.1	Living children or siblings. Neither Children only Siblings only Both	4.6 15.9 14.1 65.3	7.8 17.2 19.1 55.9	,

Source: U.S. National Center for Health Statistics, unpublished data from Supplement on Aging to 1994 National Health Inten-Survey.

#### No. 42. Persons 65 Years Old and Over With Children Who Do Not Live in the Same Household—Contacts: 1984

[In percent, except as Indicated. Covers persons 65 years old and over who were living in communities outside of real homes or other institutions (civilian nominatitutionalized population). Excludes 4 million persons 65 years old and over living their children. Based on a supplement to the National Health Interview Survey; see Appendix III. See also tables 41, 17%; and 596]

		l	AGE (	BROUP		LM	NG-
FREQUENCY OF CONTACT	Total	65-74 years old	75 years old and over	75-64 years old	85 years old and over	Alone	8
Total (1,000)	17,526	11,284	6,243	5,234	1,038	6,142	81
PERCENT DISTRIBUTION	1	1	ŀ	H	1	i	l
Total	100.0	100.0	100.0	100.0	100.0	100.0	
Delly		39.8	44.3	42.6	53.2	44.5	ŀ
2 or more times per week		22.6	19.1	19.2	18.5	20.7	Į.
Weekly	20.2	20.1	20.3	21.5	14.2	18.3	ı
2 or more times per month	6.6	6.8	6.2	6.3	5.9	5.4	1
Monthly	5.0	5.2	4.6	5.0	2.9	4.7	į.
Less than monthly 1	5.5	5.6	5.4	5.5	5.3	6.3	l
Frequency of seeing child:		4	İ	H	i	ł	!
Delly	22.6	21.5	24.6	23.7	29.5	24.0	ı
2 or more times per week	17.7	17.7	17.7	17.1	20.9	19.9	1
Weekly	21.3	21.5	21.0	21.0	21.3	20.2	l
2 or more times per month	8.0	8.5	7.1	7.3	6.1	7.7	
Monthly	7.9	7.6	8.5	8.9	6.5	7.5	ı
Less than monthly 1	22.4	23.2	21.0	22.1	15.8	20.7	ł
Frequency of talking with child:		i		11	1	1	1
Delly	33.5	32.6	35.2	33.8	42.5	36.4	1
2 or more times per week	20.9	22.1	18.7	18.9	17.7	20.2	1
Weekly	21.9	21.8	22.2	23.4	15.7	20.1	1
2 or more times per month		8.0	7.4	7.5	6.7	6.3	I
Monthly	6.8	7.3	5.9	6.5	2.9	6.0	1
Less than monthly 1	9.1	8.2	10.5	9.8	14.4	11.1	1
Time for child to get to perent:	i	1		Į.		l	1
Within 10 minutes		24.6	27.2	26.8	29.8	26.2	ł
10-29 minutes	26.6	28.5	28.6	27.8	32.9	30.5	1
30-59 minutes	11.6	11.8	11.3	10.9	13.3	12.2	1
1-2 hours		13.7	12.2	13.0	8.6	12.4	
3-23 hours	13.8	14.0	13.4	14.2	9.3	12.5	
More than a day 1	7.3	7.3	7.1	7.3	6.3	6.3	

<sup>1</sup> includes unknown and other responses, not shown separately.

Source: U.S. National Conter for Health Statistics, unpublished data from Supplement on Aging to 1984 National Health Survey.

### NO. 43. SOCIAL AND ECONOMIC CHARACTERISTICS OF THE WHITE, BLACK, AND HISPANIC POPULATIONS: 1986

[As of Merch, except labor force status, annual average. Excludes members of Armed Forces except those living off post or with their families on post. Based on Current Population Survey, see text, section 1, and Appendix III]

	-		NUMBER	(1,000)				PER	RCENT D	ISTRIBUT	ION	
CHARACTERISTIC	Total	Uni		1	lispanic	2	Total	10		-	dispanic	
	popula- tion 1	White	Black	Total <sup>3</sup>	Mexi- can	Puerto Rican	popula- tion i	White	Black	Total <sup>a</sup>	Mexi- can	Puerto Rican
Total persons Under 5 years old	236,749	201,019	28,538	18,091	11,200	2,340	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years old	16,122	14,742	2,724	1,967	1,376	256	7.7	7.3	9.5	10.9	12.3	11.0
5-14 years old	33,800	27,314	5,242	3,527	2,323	521	14.3	13.6	18.4	19.5	20.7	22.3
15-44 years old	1112.782	95,268	13,845	9,253	5,726	1,178	47.6	47.4	48.5	51.1	51.1	50.3
45-64 years old	44,723	39,064	4,452	2,429	1,293	310	18.9	19.4	15.6	13.4	11.6	13.2
65 years old and over	27,321	24,629	2,273	915	481	75	11.5	12.3	8.0	5.1	4.3	3.2
YEARS OF SCHOOL COMPLETED												
Persons 25 years old				5		26.						
and over		127,269		9,030	5,178	1,113	100.0	100.0	100.0	100.0	100.0	100.0
Elementary: 0-8 years		15,967	2,929	3,327	2,151	370	13.3	12.5	19.2	36.8	41.6	33.3
High school: 1-3 years		14,382	2,811	1,326	783	244	11.9	11.3	18.5	14.7	15.1	22.0
College: 1-3 years	56,338	49,660	5,422	2,566	1,399	279 125	38.4	39.0	35.6 15.8	28.4	10.9	25.0
4 years or more		25,551	1,666	760	281	94	19.4	20.1	10.9	8.4	5.4	8.4
LABOR FORCE STATUS	20,409	20,001	1,000	700	201	94	19,4	20.1	10.9	0.4	3.4	0.4
Civilians 16 years old		155,432				1,494	100.0	100.0	100,0	100.0	100.0	100.0
and over				8,076	7,377 4,941	804	65.3	65.5	63.3	65.4	67.0	53.8
Civilian labor force	100 507	95,660	10,004	7,219	4,387	691	60.7	61.5	54.1	58.5	59.5	46.3
Employed	8 227	6,140	1,840	857	555	113	4.6	4.0	9.2	6.9	7.5	7.6
Unemployment rate *	7.0	6.0	14.5	10.6	11.2	14.0	(x)	(x)	(x)	(x)	(x)	
Not in labor force	62,752	53,631	7,335	4,268	2,436	690	34.7	34.5	36.7	34.6	33.0	46.2
FAMILY TYPE	100		100	-			100	1	- 1			1
Total families		54,991	6,921	4,206	2,494	594	100.0	100.0	100.0	100.0	100.0	100.0
With own children s		26,575	4,059	2,755	1,716	426	49.8	48.3	58.6	65.5	68.8	71.7
Married couple	50,933	45,924	3,680	2,962	1,881	300	80.1	83.5	53.2	70.4	75.4	50.5
With own children 1	24,630	21,756	1,997	1,987	1,349	200	38.8	39.6	28.9	47.2	54.1	33.7
Female householder, no			0074		400	074		***		20.0	40.4	40.0
spouse present	10,211	7,111	2,874	980	460	271	16,1	12.9	41.5	23.3	18.4	45.6 37.0
With own children 5	6,105	4,040	1,934	684	311	220	9.6	7.3	27.9	16.3	12.5	37.0
present	2,414	1,956	368	264	152	22	3.8	3.6	5.3	6.3	6.1	3.7
With own children 5	935	778	129	85	55	6	1.5	1.4	1.9	2.0	2.2	1.0
FAMILY INCOME, 1985	1000	27.67.	5050	200		100	100					
Total families	63,558	54,991	6,921	4,206	2,494	594	100.0	100.0	100.0	100.0	100.0	100.0
Less than \$5,000		2,054	934	350	165	100	4.8	3.7	13.5	8.3	6.6	16.8
\$5,000-\$9,999		4,090	1,187	712	402	150	8.5	7.5	17.1	17.0	16.2	25.3
\$10,000-\$14,999 \$15,000-\$24,999	6,495	5,332	990	626	408	76	10.2	9.7	14.3	14.9	16.4	12.7
\$25,000-\$24,999		11,367	1,517	984	616	132	20.8				17.4	10.2
\$35,000-\$34,999		10,551	993	673	431	61	18.6	19.2	14.3	16.0	11.9	7.7
\$50,000 or more	11,940	10,810	815 484	524 339	297 176	45 32	18.8 18.3	19.6	7.0	8.1	7.0	5.5
Median income (dol.) *	27,735	29,152	16,786	19,027	19,400	12,865	(x)	(x)	(x)	(x)	(x)	(x)
Persons below poverty level 7	33,064	22,860	8,926	5,236	3,220	1,011	14.0	11.4	31.3	29.0	28.8	43.3
HOUSING TENURE			120	in			1		2			1
Total occupied units	88,458	76,576	9,797	5,213	(NA)	(NA)	100.0	100.0	100.0	100.0	(NA)	(NA
Owner-occupied		51,017	4,361	2,115	(NA)	(NA)	63.8	66.6	44.5	40.6	(NA)	(NA
					(NA)	(NA)	36.2	33.4	55.5	59.4	(NA)	(NA

NA Not available. X Not applicable. 

Includes other races and persons not of Hispanic origin, not shown separately.

Includes other Hispanic subgroups not shown separately.

Total unemployment as persons of civilian labor forcs. 
Children under 18 years old.

For definition of median, see Guide to Tabular Resentation.

Source: U.S. Bureau of the Census, *Current Population Reports*, P-80, No. 154 and P-20, No. 416. Labor force date are sublished by U.S. Bureau of Labor Statistics, *Employment and Earnings*, January 1967.

### No. 44. NATIVE AND FOREIGN-BORN POPULATION, BY PLACE OF BIRTH: 1920 TO 1980

(In thousands, except percent. 1950 based on 20-percent sample; 1960 on 25-percent sample; 1970 on 15-percent as 1950 date are based on a sample from the 1980 census; use text, section 1. See source for sampling variability. See Historical Statistics, Colonial Times to 1970, series C 1-10]

				NATIV	E POPULA	TION			POREM	***
	Total			Born is Sta	n other			Born		Γ,
YEAR	popula- tion	Total	Born in State of residence	Num- ber	Per- cent of netive popula- tion	State of birth not reported	Born in outlying areas !	abroad or at sea of American parents	Num- ber	a x
1920	106,022 123,203 132,185 150,845 179,326 203,210 226,546	* 92,001 * 108,919 * 120,508 * 140,413 169,588 193,591 212,468	71,071 82,678 92,810 102,766 119,293 131,718 144,671	20,274 25,368 26,908 35,284 44,601 50,839 65,452	22.1 23.4 22.4 25.2 26.4 26.2 30.8	314 238 280 1,370 4,541 8,973 (°)	36 136 157 330 650 991 1,066	93 131 122 96 402 1,370 1,065	14,020 14,283 11,857 10,431 9,736 9,619 14,080	

 <sup>1920-1960,</sup> Includes Alaeka and Hawaii. Includes Puerto Rico.
 Pincludes some persons born abroad of American pant shown separately.
 Piace of birth was allocated to those who did not report.
 Source: U.S. Bureau of the Census, U.S. Census of Papulation: 1960, vol. II, part 2A; 1970, vol. I, parts C and D; 1980 Q of Papulation; vol. 1, chapter C (PC80-1-C) and chapter D (PC80-1-D).

No. 45. Foreign-Born Population by Country of Birth-Selected Characteristics: 191 [In percent, except as indicated. As of April 1. Based on a sample and subject to sampling variability, see text, section 1, Appendix III]

	100	Y	EAR OF I	MMIGRATI	ON		EDUCA	ATION I	OCCUPA	
COUNTRY OF BIRTH	Foreign- born				Carl.	Not a	High	College	PERS	
	persons (1,000)	1975-	1970-	1960-	Before 1960	citizen	school gradu- ates	gradu- ates <sup>2</sup>	Profes- sional specialty	S
Total *	14,079.9	23.7	15.8	22.3	38.2	49.5	53.1	15.8	12.0	
Europe *	4.743.3	8.1	7.5	19.1	65.2	27.7	51.4	12.3	12.5	-
Austria		2.7	1.8	7.6	87.9	13.0	50.2	15.1	19.8	ı
Czechoslovakia	112.7	3.3	4.3	15.0	77.4	12.6	47.7	14.7	16.0	
England		14.3	7.6	22.0	56.1	42.0	74.6	16.4	17.4	
France		13.9	7.2	23.9	55.0	35.9	74.3	22.8	17.2	1
Germany		6.2	4.4	20.6	68.8	21.4	67.3	14.9	13.4	1
Greece		12.9	19.1	27.7	40.3	35.0	40.4	9.5	8.0	1
Hungary		3.8	4.5	10.8	81.0	14.0	53.4	16.6	17.3	
Ireland	197.8	3.7	3.6	14.5	78.1	18.8	52.1	8.8	14.5	
Italy	831.9	4.0	8.1	18.2	69.8	22.6	28.6	5.3	6.1	1
Netherlands	103.1	8.3	4.4	21.2	66.1	31.8	67.6	20.3	15.7	1
Norway		6.0	2.3	9.5	82.2	22.2	48.6	11.8	16.4	
									10.8	1
Poland	418.1	6.0	5.0	14.5	74.5	22.2	40.5	10.0		
Portugal 5		21.7	23.3	34.0	21.0	61.6	22.3	3.3	2.3	
Romania	67.0	17.0	10.2	16.8	56.0	26.6	53.2	19.0	18.6	1
Scotland		5.9	4.2	17.6	72.2	28.6	68.0	9.8	12.1	
Spain	73.7	17.0	17.9	34.4	30.6	50.9	46.9	12.7	14.1	1
Sweden	77.2	7.9	2.8	8.8	80.5	23.2	48,0	11.9	19.0	١.
Yugoslavia		7,4	16.2	23.9	52.5	32.4	41.1	10.2	8.4	1
Soviet Union		21.1	3.2	5.3	70.4	27.4	47.2	15.7	15.9	1
Asia 4	2,539.8	47.0	22.4	18.1	12.5	65.2	73.0	35.9	20.3	1
China: Mainland	286.1	27.2	20.3	27.3	25.2	49.7	60.0	29.5	16.8	•
Taiwan		54.6	26.5	17.0	1.9	71.1	89.1	59.8	30.4	1
Hong Kong		34.9	27.6	30.9	6.6	61.7	80.3	42.7	19.1	1
India		43.7	33.1	19.3	3.9	76.0	88.9	66.2	42.8	
Iran		71.9	12.7	9.7	5.7	85.4	87.1	42.8	25.9	1
Israel		34.1	18.9	25.0	22.0	48.2	78.8	34.9	24.9	
Japan		31.6	13.6	22.7	32.1	56.7	78.0	24.4	13.6	1
Korea		52.3	31.6	13.0	3.1	65.4	77.8	34.2	14.7	
Philippines		34.4	29.2	22.6	13.8	55.3	74.0	41.8	20.1	1
Vietnam		90.5	7.1	2.1		88.9	62.1	12.9	8.6	
Canada	842.9	9.8	5.4		64.7	39.0			16.2	
Central America 4	042.9			20.1			61.8	14.3		1
		33.7	24.5	22.5	19.4	75.8	26.1	4.1	3.0	+
El Salvador		51.3	25.9	16.8	6.1	85.7	41.4	6.5	2.6	4
Mexico	2,199.2	33.0	24.7	21.9	20.3	76.4	21.3	3.0	2.5	
Caribbean 1		18.6	24.1	45.5	11.9	61.1	55.3	13.1	8.8	J.
Cuba	607.8	6.3	20.5	60.4	12.8	54.9	54.9	16.1	9.2	
Dominican Republic		31.0	25.8	37.2	6.1	74.5	30.1	4.3	3.1	
Haiti		33.6	31.0	30.8	4.6	73.9	64.4	13.4	8.0	
Jamaica	196.8	30.6	28.0	29.8	11.6	63.7	63.5	11.0	10.2	
Trinidad and Tobago	65.9	27.6	34.2	30.7	7.4	70.7	70.3	12.4	10.3	
South America 1	561.0	32.6	23.6	33.0	10.7	71.1	68.0	18.4	11.1	
Argentina		25.3	17.9	40.3	16.5	61.2	70.9	24.2	16.3	
Colombia	143.5	29.6	25.4	37.1	7.9	75.1	62.8	14.6	8.1	
		25.5				75.3				

<sup>&</sup>lt;sup>1</sup> For persons 25 years old and over. <sup>4</sup> Includes areas not shown separately.

Completed 4 years or more of college.
 For persons 16 years old
 Includes persons born in Azores.

Source: U.S. Bureau of the Census, 1980 Census of Population, vol. I, chapter D (PC80-1-D) and unpublic

### NO. 46. MARITAL STATUS OF THE POPULATION, BY SEX: 1970 TO 1986

i, except percent. As of March. Persons 18 years old and over. Excludes members of Armed Forces except those post or with their families on post. Based on Current Population Survey, see text, section 1 and Appendix III. See I Statistics, Colonial Times to 1970, series A 160-171, for decennial data]

IRITAL STATUS AND SEX	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
1	132.5	143.2	148.3	150.7	153.3	159.5	162.1	164.7	167.1	169.5	171.4	173.7
		25.1	27.5	29.1	30.6	32.3	33.2	34.4	35.9	36.9	36.9	37.6
	00.0	99.7	100.8	101.0	101.5	104.6	105.3	106.2	106.7	107.1	107.9	109.2
	44.0	11.9	11.9	12.0	12.4	12.7	12.8	12.7	12.8	13.2	13.5	13.4
	4.3	6.5	8.0	8.6	8.8	9.9	10.8	11.5	11.6	12.3	13.1	13.5
nt of total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	16.2	17.5	18.5	19.3	20.0	20.3	20.5	20.9	21.5	21.8	21.5	21.6
	71.7	69.6	68.0	67.0	66.2	65.5	64.9	64.5	63.9	63.2	63.0	62.9
	8.9	8.3	8.0	8.0	8.1	8.0	7.9	7.7	7.7	7.8	7.9	7.7
Barran and an and an an an an an an an an an an an an an	3.2	4.6	5.4	5.7	5.8	6.2	6.7	7.0	6.9	7.3	7.6	7.8
ytal	62.5	67.9	70.3	71.5	72.7	75.7	76.9	78.1	79.3	80.5	81.5	82.8
	1 2 2 2	14.1	15.4	16.1	17.0	18.0	18.4	19.1	19.9	20.5	20.5	20.9
		49.4	49.9	50.1	50.3	51.8	52.1	52.5	52.9	53.0	53.5	54.3
	2.1	1.8	1.9	1.9	1.9	2.0	1.9	1.9	1.9	2.1	2.1	2.2
	7.2	2.5	3.2	3.4	3.5	3.9	4.4	4.6	4.6	4.9	5.3	5.5
nt of total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	18.9	20.8	21.9	22.5	23.3	23.8	23.9	24.5	25.1	25.5	25.2	25.3
***************************************	75.0	72.8	70.9	70.1	69.2	68.4	67.8	67.2	66.6	65.8	65.7	65.5
	0.0	2.7	2.7	2.7	2.7	2.6	2.5	2.4	2.4	2.6	2.6	2.6
	2.5	3.7	4.5	4.7	4.8	5.2	5.7	5.9	5.8	6.1	6.5	6.6
INTERNATIONAL PROPERTY OF THE PROPERTY OF THE PARTY OF TH	2.0	3,1	4.5	7.1	4.0	9.2	9.7	3,0	0,0	0.1	0.0	0.0
indardized for age: 1	110	100	1.5	1				4.93		100		1
	16.5	16.6	17.2	17.9	18.6	18.7	18.9	19.5	20.1	20.8	21.1	21.5
	77.6	76.6	75.1	74.3	73.5	72.9	72.3	71.7	71.0	70.0	69.4	68.8
	3.3	2.8	2.8	2.8	2.8	2.7	2.7	2.5	2.5	2.6	2.7	2.7
	2.6	4.0	4.8	5.0	5.1	5.6	6.2	6.4	6.3	6.5	6.9	7.0
total	70.0	75.3	77.9	79.3	80.6	83.8	85.2	86.6	87.7	88.9	89.9	90.9
		11.0	12.2	13.0	13.6	14.3	14.8	15.3	16.0	16.4	16.4	16.6
	47.0	50.3	50.9	50.9	51.2	52.8	53.2	53.6	53.8	54.1	54.4	54.9
<u> </u>	9.7	10.1	10.0	10.1	10.4	10.8	10.8	10.8	10.9	11.1	11.4	11.3
		4.0	4.9	5.3	5.4	6.0	6.4	6.9	7.0	7.4	7.8	8.1
nt of total		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		14.6	15.6	16.4	16.9	17.1	17.4	17.6	18.3	18.4	18.2	18.3
***************************************	00.0				63.5		62.4	61.9			60.4	60.5
***************************************		66.7	65.3	64.2		63.0			61.4	60.8		
	13.9	13.4	12.9	12.7	13.0	12.8	12.7	12.5	12.4	12.5	12.6	12.4
***************************************	3.9	5.3	6.2	6.6	6.6	7.1	7.6	8.0	7.9	8.3	8.7	8.9
indardized for age:1											400	
		12.4	13.1	13.8	14.3	14.5	14.8	15.1	15.9	16.2	16.3	16.7
	70.8	69.2	68.0	67.0	66.3	65,9	65.3	64.7	64,1	63.4	62.8	62.5
	13.0	12.8	12.2	12.1	12.3	12.1	11.9	11.6	11.5	11.4	11.6	11.3
parameter and a series of the	4.1	5.6	6.7	7.1	7.1	7.6	8.1	8.5	8.5	8.9	9.3	9.5

ge distribution used as standard; standardization improves comparability over time by removing effects of changes in tion of population.

U.S. Bureau of the Census, Current Population Reports, series P-20, No. 418, and earlier reports.

### . PERCENT MARRIED AND DIVORCED OF THE POPULATION, BY SEX AND RACE: 1970 TO 1986

larch. Persons 18 years old and over. Excludes members of Armed Forces except those living off post or with their families on post. Based on Current Population Survey; see text, section and Appendix III]

SEX AND RACE	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
rried:					100					0.5	Field.	50
	75.3	72.8	70.9	70.1	69.2	68.4	67.8	67.2	66.6	65.8	65.7	65.5
	76.1	73.9	72.3	71.7	70.7	70.0	69.6	69.0	68.3	67.7	67.6	67.2
	66.9	62.7	59.6	57.6	55.7	54.6	53.5	53.1	52.2	50.6	50.7	51.7
Maria	68.5	66.7	65.3	64.2	63.5	63.0	62.4	61.9	61.4	60.8	60.4	60.5
	69.3	68.0	66.7	65.9	65.2	64.7	64.1	63.7	63.3	62.8	62.7	62.4
	61.7	55.5	53.5	50.3	49.0	48.7	48.1	47.3	45.7	44.5	42.7	44.5
orced:		7	1.5		1	100	165	150	114	103	15.6	-
	2.5	3.7	4.5	4.7	4.8	5.2	5.7	5.9	5.8	6.1	6.5	6.6
	2.4	3.6	4.4	4.5	4.5	5.0	5.5	5.7	5.7	6.0	6.4	6.6
	3.6	5.1	5.4	6.9	7.2	7.0	8.1	8.1	7.4	7.0	7.6	7.4
	3.9	5.3	6.2	6.6	6.6	7.1	7.6	8.0	7.9	8.3	8.7	8.9
	3.8	5.0	6.0	6.3	6.4	6.8	7.2	7.8	7.6	8.0	8.5	8.6
	5.0	7.5	8.8	9.3	8.9	9.5	10.3	9.6	10.5	11.0	11.0	11.6

s other races, not shown separately.

U.S. Bureau of the Census, Current Population Reports, series P-20, No. 416, and earlier reports.

#### NO. 48. MARITAL STATUS OF THE POPULATION, BY SEX AND AGE: 1986

[As of March. Persons 18 years old and over. Excludes members of Armed Forces except those living off post or with families on post. Based on Current Population Survey; see text, section 1, and Appendix III. See Historical Statistics, Col Times to 1970, series A 160-171, for decennial census data]

		NUMBER O	F PERSON	s (1,000)			PERCEN	IT DISTR		1
SEX AND AGE	Total	Single	Mer- ried	Wid- owed	Di- vorced	Total	Sin- gle	Mar- ried	Wid- owed	Į,
Melo	82,827	20.945	54,250	2,167	5.457	100.0	25.3	65.5	2.6	Τ
8-19 years	3,536	3,403	131	-	3	100.0	96.2	3.7	1 -	1
V-24 years	9,700	7,386	2,257	16	126	100.0	75.5	23.1	.2	1
5-29 years	10,751	4,455	5,728	11	556	100.0	41.4	53.3	.1	١
0-34 years	10,205	2,261	7,032	13 37	900	100.0	22.2	68.9 76.0	.1	1
5-39 years	9,034	1,017	7,043	37	936	100.0	11.3	76.0	.4	ı
0-44 years	8 921	586	5,502	24	610	100.0	8.5	79.5	.3	ı
5-54 years	10,970	850	9,196	157	964	100.0	5.9	83.8	1.4	ı
5-64 years	6,921 10,970 10,360 7,440	586 650 608	8,662	368	713	100.0	5.9	83.7	3.6	ı
5-74 years	7.440	388	6,030	650	342	100.0	5.2	81.0	9.1	ı
5-74 years 5 years old and over	3,832	190	2,676	661	105	100.0	5.0	68.8	22.5	ı
Female	90,891	16,606	54,945	11,250	8.091	100.0	18.3	65.5	12.4	ı
3-19 years	3.627	16, <b>805</b> 3,206	398	-	24	100.0	68.4	11.0	-	1
J-24 Y0078	1 10.160	5,880	3,964	16	310	100.0	57.9	36.9	.2 .5	ł
5-29 years	10,868	3,063	6,929	55	830	100.0	28.1	63.8	.5	1
D-34 years	10,229	1,451	7,517	83	1,176	100.0	14.2	73.5	.8	1
5–39 years	9,366	778	7,030	126	1,324	100.0	8.4	76.1	1.4	١
_44 years	7,245	397	5,513	185	1,149	100.0	5.5	76.1	2.6	1
5-54 years	11.692	552	8,895	719	1,526	100.0	4.7	76.1	6.1	1
5-64 years	11.712	459	8,236	1,967	1,050	100.0	3.9	70.3	16.8	1
5-74 yeers	9,439	412	4,837	3,687	523	100.0	4.4	51.2	36.8	1
5 years old and over	6,610	416	1.583	4,432	179	100.0	6.3	23.9	67.0	1

<sup>-</sup> Represents zero or rounds to zero.

Source: U.S. Bureau of the Census, Current Population Reports, series P-20, No. 418.

### No. 49. SINGLE (NEVER-MARRIED) PERSONS AS PERCENT OF TOTAL POPULATION, BY AGE AND SE 1970 TO 1986

[As of March. Persons 18 years old and over. Based on Current Population Survey; see headnote, table 48]

AGE			MALE					FEMALE		
AGE.	1970	1970	1980	1980	1980	1970	1975	1980	1905	
Total	18.3 92.8	20.8	20.8	25.2 97.1	25.2 96.2	13.7	14.6	17.1	18.2	
18-19 years	92.8 54.7	93.1	94.3 68.8	97.1 75.6	96.2 75.5	75.6	77.7 40.3	82.8 50.2 20.9 9.5	18.2 86.7 58.5 26.4 13.5	ł
20-24 years	19.1	59.9 22.3 11.1	33.1	75.6 36.7	41.4	35.8 10.5	13.8	20.9	26.4	•
30-34 years 35-39 years	9.4 7.2	11.1	15.9	20.8	22.2	6.2	7.5	9.5	13.5	ŀ
35-39 years	7.2	8.6	7.8	10.1	11.3	5.4	5.0	6.2	8.1	ı
40-44 years	6.3	7.2	7.1	8.6	8.5	4.9	4.8	4.8	5.3	
45-54 veers	6.3 7.5	7.2 6.3 6.5	6.1 5.3	6.3	5.9	4.9	4.6	4.8 4.7	5.3 4.6 3.7 5.1	1
55-64 years 85 years old and over	7.8	6.5	5.3	6.1	5.9	6.8	5.1	4.5 5.9	3.7	1
85 years old and over	7.5	4.7	4.9	5.3	5.1	7.7	5.8	5.9	5.1	
55-74 Vee/s	i 8.0 i	4.3	5.2	5.2	5.2	7.8	5.8	5.6	4.4 6.2	1
75 years old and over	6.6	5.5	4.2	5.3	5.0	7.5	5.8	6.3	6.2	1

Source: U.S. Bureau of the Census, Current Population Reports, series P-20, No. 418, and earlier reports.

### No. 50. Interracial Married Couples: 1970 to 1986

[in thousands. 1970 data as of April; 1980 and 1980 data as of March, 1970, persons 14 years old and over; 1986 and 1 persons 15 years old and over. 1980 and 1980 based on Current Population Survey; see headnote, table 48]

ПЕМ	1970	1980	1986	ITEM	1970	1980
Total married couples Interracial married couples All Black-White married couples Husband Black, wife White Wife Black, husband White	44,597 310 65 41 24	49,714 651 167 122 45	51,704 827 181 136 45	Other interracial married couples Husband Black Wife Black Husband White Wife White	245 8 4 139 94	484 20 14 287 163

Source: U.S. Bureau of the Census, Consus of Population: 1970, Mental Status, PC(2)-4C; Current Population Repeated P-20, No. 419, and earlier reports.

### ). \$1. MARITAL STATUS OF THE BLACK AND HISPANIC POPULATIONS: 1970 TO 1986

except as noted. Black population: Persons 18 years old and over. Hispanic population: 1970 and 1970, persons and over; thereafter, 18 and over. Except as noted, based on Current Population Survey; see headnote, table 48]

	M	JAMBER OF	F PERSON	<b>48 (1,000</b>	)		PERCEN	IT DISTRI	BUTION	
NEX AND YEAR	Total	Single	Mar- ried	Wid- owed	Di- vorced	Total	Single	Mar- ried	Wid- owed	Di- vorced
BLACK										
***************************************	12,972	2,668 3,449	8,310	1,427	567 920	100.0 100.0	20.6 24.2	64.1 58.7	11.0 10.7	4.4 6.5
***************************************	14,262 16,636	5,070	8,373 8,545	1.627	1,396	100.0	30.5	51.4	9.8	8.4
***************************************	18,607	6,439	8.611	1,791	1,764	100.0	34.6	46.3	9.6	9.5
***************************************	16,940	6,439	9,036	1,630	1,837	100.0	34.0	47.7	8.8	9.7
***************************************	5,898	1,435	3,944	307	212	100.0	24.3	66.9	5.2	3.6
***************************************	6,366	1,733	3,990	319	327	100.0	27.2	62.7	5.0	5.1
***************************************	7,416 8,325	2,540 3,149	4,051 4,217	308 324	517 636	100.0 100.0	34.3 37.8	54.6 50.7	4.2 3.9	7.0 7.8
***************************************	8,501	3,155	4.301	328	626	100.0	37.1	51.7	3.9	7.4
***************************************	٠,٠٠٠	5,.55	1,00					•	""	'''
	7,074	1,233	4,366	1,120	365	100.0	17.4	61.7	15.8	5.0
***************************************	7,894	1,718	4,383	1,202	593	100.0	21.7	55.5	15.2	7.5
***************************************	9,222	2,530	4,494	1,319	676	100.0	27.4	48.7	14.3	9.5 11.0
***************************************	10,281 10,441	3,290 3,284	4,394 4,645	1,468	1,128 1,211	100.0 100.0	32.0 31.5	42.7 44.5	14.3 12.5	11.6
***************************************	10,441	5,254	7,0-0	1,50	'	100.0	31.5		12.5	''.~
HISPANIC 1				ł					ł	l
***************************************	5,872	1,718	3,666	267	201	100.0	29.3	62.4	4.9	3.4
***************************************	7,284	2,293	4,378	298	298	100.0	31.6	60.3	4.1	4.1
***************************************	7,888	1,901	5,176	350	468	100.0	23.1	65.6	4.4	5.8
***************************************	10,848 11,600	2,769	6,799 7,153	563 535	727 872	100.0 100.0	25.5 26.2	62.7 61.7	5.1 4.6	6.7 7.5
***************************************	11,000	3,042	7,153	330	8/2	100.0	20.2	91./	4.0	/.5
	2.838	914	1.801	56	67	100.0	32.2	63.5	2.0	2.3
	3.520	1,277	2,103	42	98	100.0	36.3	59.7	1.2	2.8
***************************************	3,787	1,035	2,541	80	151	100.0	27.3	67.1	1.6	4.0
••••••	5,322	1,640	3,272	124	265	100.0	30.8	61.5	2.3	5.4
***************************************	5,754	1,848	3,466	100	336	100.0	32.1	60.3	1.7	5.9
•	3.033	804	1,894	231	134	100.0	26.5	61.5	7.8	44
***************************************	3,744	1.016	2.275	256	196	100.0	27.1	60.8	6.8	5.3
***************************************	4,101	886	2.635	291	310	100.0	21.1	64.3	7.1	7.6
***************************************	5,526	1,128	3,525	430	442	100.0	20.4	63.8	7.8	8.0
	5,846	1,195	3,683	434	534	100.0	20.4	63.0	7.4	9.1
		i.			l					

ersons may be of any race.

### /ER-MARRIED PERSONS 25-54 YEARS OLD WHO WERE DIVORCED OR SEPARATED AT TIME OF SURVEY, BY RACE, SEX, AND AGE: 1970 TO 1986

[As of March. Based on Current Population Survey; see headnote, table 48]

	EVER I	WARRIED (	(000,	PERC	ENT DIVO	RCED	PERCE	NT SEPAP	PATED
EAR, SEX, AND AGE	Total 1	White	Black	Total 1	White	Black	Total 1	White	Black
	31,304	28,189	2,817	3.3	3.1	5.5	1.8	1.1	9.4
ns	10,402	9,318	975	3.0	2.9	3.9	1.6	1.2	5.
ra	10,518	9,464	953	3.0	2.6	5.8	2.1	1.1	11.0
n	10,384	9,407	889	3.9	3.7	6.7	1.9	1.0	11.7
total	34,299	30,401	3,506	5.2	5.0	7.7	3.3	1.8	16.
n	11,590	10,220	1,236	5.0	4.7	6.6	3.8	2.1	17.0
M	11,284	9,917	1,188	5.6	5.3	8.8	3.1	1.8	16.
n	11,445	10,264	1,081	5.1	4.9	7.6	3.1	1.9	14.1
	35,326	31,422	3.062	8.2	7.9	12.6	3.0	2.3	10.4
rs	13,550	12,021	1,154	8.6	8.6	10.8	3.3	2.7	9.1
ra	11,505	10,239	1,020	6.8	8.1	16.2	2.9	2.2	10.
n	10,271	9,162	888	7.1	6.7	10.7	2.6	1.7	11.0
total	39,189	34.093	4.066	11.0	10.5	16.5	4.5	2.9	16.
n	15,694	13,650	1,591	11.6	11.2	16.5	5.4	3.6	21.
<b>0</b>	12,271	10,625	1.320	11.5	10.9	17.5	4.5	2.7	19.
<b>76</b>	11,204	9,818	1,155	9.7	9.0	15.5	3.4	2.1	14.
	38,912	34,205	3.520	10.7	10.7	13.2	3.4	2.7	11.
<b>5</b>	14,240	12.543	1,288	10.2	10.5	9.4	4.4	3.5	13.
<b>D</b>	14,352	12.644	1.254	12.2	11.9	17.0	3.0	2.5	9.
n	10.320	9.018	978	9.3	9.1	13.4	2.7	1.7	113
·	10,520	0,0.0	0,0		•	10.7		· · ·	!
total	43,111	37.212	4.412	13.9	13.4	20.7	4.5	3.3	15.
n	16,593	14,392	1,642	12.1	11.9	15.6	5.2	4.1	15.
n	15,378	13,243	1,566	16.1	15.5	24.6	4.4	3.2	14.
<b>79</b>	11.140	9.577	1.202	13.7	12.6	22.6	3.6	2.2	15.

ther races not shown separately.

<sup>\*</sup> As of April.

l. Bureau of the Census, Census of Population: 1970, PC(2)1C, Persons of Spanish Origin; Current Population s P-20, No. 418 and earlier reports; and unpublished data.

<sup>.</sup> Bureau of the Census, Current Population Reports, series P-20, No. 416, and earlier reports.

### No. 53. Divorced Persons Per 1,000 Married Persons With Spouse Present, by Sex, Race and Age: 1970 to 1986

[As of March. 1970 and 1975, persons 14 years old and over; beginning 1980, 15 years old and over. See headnote, table 4

					RA	Œ			AGE	
YEAR	Total	Male	Fe- male	SEX AND YEAR	White	Black	15-29 years	30-44 yeers	45-84 yeers	65 yea old an over
1970	47 89 100 114 114 121 128 131	35 54 79 92 91 96 103 108	60 64 120 137 137 146 153 157	Male: 1970	32 74 96 102 56 110 142 145	62 149 179 168 104 258 326 332	1 26 76 100 91 1 46 108 117 112	33 104 136 143 61 147 190	40 70 93 96 68 112 151 156	1

<sup>1 14-29</sup> years.

### No. 54. Unmarried Couples, By Selected Characteristics, 1970 to 1986, and by Marital Status of Partners, 1986

[in thousands. As of March, except 1975, as of April. An "unmarried couple" is two unrelated adults of the opposite sex sharing the same household. See headnote, table 56]

							MARIT	AL STATU	S OF FE	MAL
PRESENCE OF CHILDREN AND AGE OF HOUSEHOLDER	1970	1980	1985	1986	MARITAL STATUS OF MALE	Total	Never mar- ried	Di- vorced	Wid- owed	M ric hu be al
Unmarried couples No children under 15 yr Some children under 15 yr	523 327 196	1,589 1,159 431	1,983 1,380 603	2,220 1,558 662	Total, 1986 Never married Divorced	2,220 1,176 772	1,181 841 245	733 248 416	152 34 59	,
Under 25 yr. old	55 103 186 178	837 221 119	425 1,203 239 116	489 1,344 277 110	Widowed Married, wife absent	82 188	11 84	18 51	47 11	

<sup>&</sup>lt;sup>1</sup> Children in unmarried-couple households are under 14 years old.

No. 55. HOUSEHOLDER AND MARITAL STATUS OF POPULATION, 15 YEARS OLD AND OVER: 1986
[In thousands, except percent. As of March. See headnote, table 47]

	Total,			MALE					FEMALE		
HOUSEHOLDER AND MARITAL STATUS	15 yrs. and over 1	Total 1	20-24 years	25-44 years	45-64 years	65 yr. and over	Total 1	20-24 years	25-44 years	45-64 years	6
Total persons	184,828	88,474	9,788	36,911	21,320	11,272	96,354	10,160	37,650	23,404	10
Householder	88,458	61,038	3,215	28,347	19,159	10,094	27,420	1,862	10,062	6,792	D
Single	11,808	6,026	1,287	3,502	718	396	5,782	1,284	3,126	660	11.7
Married, spouse present	50,933	47,976	1,799	21.870	16,211	7.996	2,957	215	1,624	807	1
Married, spouse absent	4,084	1.533	66	804	509	156	2,551	200	1,428	690	
Widowed	11,363	1,664	6	58	397	1,203	9,699	11	391	2,437	81
Divorced	10.269	3,839	58	2,114	1,324	343	6,430	151	3,494	2,199	1
Not householder	96,370	27,436	6,572	8,566	2,160	1,178	68,934	8,299	27,588	16,612	
Single	36,722	20.544	6,100	4,819	540	182	16,178	4,596	2,553	351	
Married, spouse present	52,475	3,728	290	1.967	939	497	48.747	3,361	23,594	15.502	1
Married, spouse absent		1,043	102	665	201	57	791	178	396	131	ь.
Widowed	2,053	502	10	27	128	337	1,551	5	59	250	1
Divorced	3,286	1,619	70	1,088	353	104	1,667	159	986	377	
PERCENT DISTRIBUTION	1000	100	100	10000	0.00	100			11.55		L
Total persons	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	L
Householder	47.9	69.0	32.8	76.8	89.9	89.5	28.5	18.3	26.7	29.0	1
Single	6.4	6.8	13.1	9.5	3.4	3.5	6.0	12.6	8.3	2.8	
Married, spouse present	27.6	54.2	18.4	59.3	76.0	70.9	3.1	2.1	4.3	3.4	1
Married, spouse absent		1.7	.7	2.2	2.4	1.4	2.6	2.0	3.8	2.9	
Widowed	6.1	1.9	1	.2	1,9	10.7	10.1	.1	1.0	10,4	1
Divorced	5.6	4.3	.6	5.7	6.2	3.0	6.7	1.5	9.3	9.4	1
Not householder	52.1	31.0	67.1	23.2	10.1	10.5	71.5	81.7	73.3	71.0	1
Single	19.9	23.2	62.3	13.1	2.5	1.6	16.8	45.2	6.8	1.5	1
Married, spouse present	28.4	4.2	3.0	5.3	4.4	4.4	50.6	33.1	62.7	66.2	1
Married, spouse absent	1.0	1.2	1.0	1.8	.9	.5	.8	1.8	1.1	.6	
Widowed	1.1	.6	.1	.1	.6	3.0	1.6	-	.2	1.1	
Divorced	1.8	1.8	.7	2.9	1.7	.9	1.7	1.6	2.6	1.6	

Represents zero or rounds to zero.
 ¹ includes 15-19 year olds.
 Source: U.S. Bureau of the Census, Current Population Reports, series P-20, No. 418 and earlier reports.

Source of tables 53 and 54: U.S. Bureau of the Census, 1970 Census of Population, vol. II, part 48, and Current Population Reports, series P-20, No. 418 and earlier reports.

### HOUSEHOLDS, FAMILIES, SUBFAMILIES, MARRIED COUPLES, AND UNRELATED INDIVIDUALS: 1960 TO 1987

a, except as Indicated. As of March. Based on Current Population Survey; includes members of Armed Forces living with their families on post, but excludes all other members of Armed Forces; see text, section 1 and Appendix III. For I terms, see text, section 1. Minus sign (—) indicates decrease. See also Historical Statistics, Colonial Times to 1970, 8-319]

PE OF UNIT	1980	1970	1975	1980	1983	1984	1985	1985	1967	PERC CHA	
	1960	19/0	19/5	1960	1963	1994	1960	1965	196/	1970- 1980	1980- 1967
***************************************		63,401	71,120	80,776	83,918	85,407	80,788	88,458	89,479	27.4	10.4
oizo		3.14	2.94	2.76	2.73	2.71	2.69	2.67	2.68	(X) 15.7	(X 8.3
eholds		51,456	55,563	59,550	61,393	61,997	62,706	63,558	64,491		
ouple	39,254	44,728	46,951	49,112	49,908	50,090	50,350	50,933	51,537	9.8	4.9
seholder 1		1,228	1,485	1,733	2,016	2,030	2,228	2,414	2,510	41.1	44.
ouseholder 1	4,422	5,500	7,127	8,705	9,469	9,878	10,129	10,211	10,445	58.3	20.0
ouseholds		11,945	15,557	21,226	22,525	23,410	24,062	24,900	24,986	77.7	17.
eeholder	2,716	4,063	5,912	8,807	9,514	9,752	10,114	10,848	10,652	116.8	20.
ouseholder	5,179	7,882	9,645	12,419	13,011	13,658	13,968	14,252	14,336	57.6	15.
on	6,696	10,851	13,939	18,296	19,250	19,954	20,602	21,178	21,128	68.6	15.
		51,596	55,712	50,550	61,383	61,997	62,788	63,568	64,491	15.4	-8.3
izo	3.67	3.58	3.42	3.29	3.28	3.24	3.23	3.21	3.19	(x)	(×
ple	39,329	44,755	46,971	49,112	49,908	50,090	50,350	50,933	51,537	9.7	4.1
holder 1	1,275	1,239	1,499	1,733	2,016	2,030	2,228	2,414	2,510	39.9	44.
eeholder 1	4,507	5,591	7,242	8,705	9,469	9,876	10,129	10,211	10,445	55.7	20.
blemilies	207	130	149	380	440	504	526	506	506	176.9	57.
ple	75	27	20	20	39	53	46	45	37	(B)	(E
nce persons 1	47	11	14	36	43	63	85	63	77	(e)	(8 (8 48.
rence persons 1	85	91	115	304	358	388	395	397	452	234.1	48.
amillos		1,150	1,340	1,150	2,220	2,196	2,206	2,206	2,206	<u> </u>	90.
ple		617	576	582	719	722	719	726	712	-5.7	22.
1.9	115	48	69	54	146	113	116	131	123	(B)	(8
1 1 1	528	464	705	512	1,355	1,363	1,392	1,399	1,451	5.8	183.4
les	40,200	45,373	47,547	49,714	50,066	50,864	51,114	51,704	52,206	9.6	8.
ousehold		44,728	46,951	49,112	49,908	50,090	50,350	50,933	51,537	9.8	4.1
n household		645	596	602	758	775	764	771	749	-6.7	24.
vithout	2.4	1.4	1.3	1.2	1.5	1.5	1.5	1.5	1.4	(x)	(x
Eviduals		14,988	19,100	26,426	28,083	29,497	30,518	31,586	31,914	76.3	20,
ouseholders		11,945	15,557	21,226	22,525	23,410	24,082	24,900	24,868	77.7	17.
individuals		3,043	3,543	5,200	5,558	6,087	8,436	6,606	6,926	70.9	33.
		1,631	2,087	3,006	3,072	3,531	3,743	3,764	3,947	64.3	31.
	1.451	1,412	1,458	2,194	2,486	2,558	2,693	2,842	2,978	55.4	35.

ints zero. B Not shown; base less than 75,000. X Not applicable. <sup>1</sup> No spouse present. / that most of the sizable increase between 1980 and 1983 was the result of new and more definitive coding

### No. 57. Households, by Type-Projections: 1988 to 2000

a. As of July. Series A reflects the assumption that the recent moderation in marriage and divorce trends will continue torical changes spanning the last 25 years must be taken into consideration. Series A assumes a continuation of past suseholder proportions but changes in recent years are given more weight. Series Reflects assumptions intermediate intes A and C, namely changes in marriage and divorce will slow considerably, but will not cease during the next 15 as C reflects the assumption that the rapid change in marriage and divorce may have come to an end, and if proportions will remain constant for the next 15 years]

	l		FAN	MLY			NONFAMILY	
EAR AND SERIES	Total	Total	Married couple	Male house- holder <sup>1</sup>	Female house- holder 1	Total	Male house- holder	Female house- holder
A	91,987	64,810	51,306	2,514	10,900	27,177	11,815	15,362
	91,434	65,278	52,089	2,437	10,772	26,156	11,222	14,934
	90,912	65,741	52,819	2,365	10,557	25,172	10,652	14,520
8	93,622	65,403	51,521	2,816	11,266	28,219	12,403	15,816
	92,847	66,034	52,554	2,508	10,972	26,814	11,583	15,231
	92,126	66,653	53,562	2,410	10,681	25,473	10,802	14,671
B	95,243	65,964	51,704	2,723	11,538	29,279	13,008	16,270
	94,227	66,758	53,012	2,581	11,165	27,469	11,946	15,523
	93,297	67,536	54,282	2,455	10,788	25,762	10,949	14,814
A	102,785	68,219	52,178	3,276	12,765	34,566	16,102	16,463
	100,308	89,787	54,863	2,940	11,984	30,520	13,666	16,864
	98,180	71,294	57,410	2,667	11,217	28,867	11,490	15,896
<b>B</b>	110,217	70,024	52,263	3,845	13,916	40,193	19,471	20,722
	105,933	72,277	56,294	3,262	12,701	33,656	15,452	18,204
	102,440	74,449	60,090	2,865	11,515	27,991	11,985	16,006

#### pouse present.

<sup>3.</sup> Bureau of the Ceneus, Current Population Reports, series P-20, No. 417.

<sup>3.</sup> Bureau of the Census, Current Population Reports, series P-25, No. 986.

### **Population**

NO. 58. WHITE, BLACK AND HISPANIC HOUSEHOLDS BY TYPE: 1970 TO 1986

[As of Merch, except as noted. Based on Current Population Survey, except as noted; see headnote, table 56. See also //letorici Statistics, Colonial Times to 1970, series A 292-295 and A 320-334]

		NUI	MBER (1,0	00)			PERCEN	IT DISTRI	BUTION	
CHARACTERISTIC	1970	1970	1905	1980	1980	1970	1975	1660	1900	190
WHITE										
Total	86,802 46,168	<b>62,945</b> 49,334	70,766 52,243	76,338 54,400	76,576 54,991	100.0 81.6	100.0 76.4	100.0 73.8	100.0 72.2	100
Maried counts	41,100	42,951	44,751	45.643	45,924	72.5	68.2	63.2	50.6	á
Male householder 1	41,029 1,038 4,099	1,257	1,441	1,816	1.956	1.8	2.0	20	2.4	٦,
		5,126	6,052	6,941	7,111	7.2	8.1	9.6	9.2	li
ontemily households	10,435	13,612	18,522	20,926	21,566	18.4	21.6	26.2	27.8	2
Male householder	3,406	5,038	7,499	6,608	9,013	6.0	8.0	10.6	11.4	1
Female householder	7,030	8,574	11,023	12,320	12,572	12.4	13.6	15.8	18.4	10
BLACK	ı									1
Total	6,223	7,202	6,805	9,480	9,797	100.0	100.0	100.0	100.0	10
amily households	4 858	7,2 <b>62</b> 5,468	6.164	6,778	6,921	76.0	75.3	72.0	71.5	3
Married couple	3,317	3,343	3,433	3,460	3,630	53.3	46.0	40.0	36.6	3
Male householder 1	181	211	256	344	308	2.9	2.9	3.0	3.6	نے ا
leademby beyorkelds	1,386 1,367	1,915 1,793	2,495 2,402	2, <b>984</b> 2,703	2,874 2,876	21.8 22.0	26.4 24.7	29.1 28.0	31.3 28.5	2
ioniamily households	584	791	1,148	1.244	1,412	9.1	10.9	13.3	13.1	1
Female householder	803	1.002	1,256	1,450	1,464	12.0	13.8	14.6	15.4	1
HERPANIC S		.,,,,,,		','	,,,,,,	1				ľ
Total	1 2,303	(NA)	2.004	4 999	5,213	100.0	(NA)	100.0	100.0	-
amily households	2,004	<b>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</b>	3,029	4,883 3,939	4 206	67.0	1	82.2	80.7	10
Married couple	* 1,815	ins	2.282	2,824	4,206 2,982	70.1	(NA)	61.9	57.8	Š
Male householder 1	82	m	136	210	264	* 3.8	(NA)	3.7	4.3	
remain nousenoider:	• 307	(NA)	610	908	980	13.3	(NA)	16.6	18.5	1
onfamily households	298	(NA)	664	944	1,008	13.0	(144)	17.8	19.3	!
Female householder	9 150 9 148	(NA)	355 289	509 435	541 468	6.5	(NA)	9.9 7.8	10.4	1
Terres (100001000)	- 140	(104)	200	4-35	1 400	0.4	(744)	7.6	0.5	ŀ

No. 59. HOUSEHOLDS BY CHARACTERISTIC OF HOUSEHOLDER AND SIZE OF HOUSEHOLD: 1970 TO 1986

[As of March. Based on Current Population Survey; see headnote, table 56. See also Historical Statistics, Colonial Times to 187-series A 335-349]

CHARACTERISTIC OF HOUSEHOLDER AND			NUMBE	R (mil.)				PER	CENT D	STRIBU	TION	
SIZE OF HOUSEHOLD	1970	1975	1980	1984	1985	1986	1970	1975	1980	1984	1985	1
Total 1	63.4	71.1	80.8	85.4	86.8	88.5	100.0	100.0	100.0	100.0	100.0	11
age of householder:	2.0		7 -1		74.	5-0	-	-	-	-	-	Г
15-24 years old 2	4.4	5.8	6.6	5.5	5.4	5.5	6.8	8.2	8.1	6.5	6.3	1
25-29 years old	6.1	7.8	9.3	9.8	9.6	9.8	9.6	11.0	11.5	11.5	11.1	ı.
30-34 years old	5.6	7.1	9.3	10.0	10.4	10.6	8.8	10.0	11.5	11.7	12.0	1
35-44 years old	11.8	11.9	14.0	16.6	17.5	18.0	18.6	16.7	17.3	19.4	20.1	ь
45-54 years old	12.2	12.9	12.7	12.5	12.6	13.1	19.5	18.2	15.7	14.6	14.6	1
55-64 years old	10.8	11.3	12.5	13.1	13.1	12.9	17.1	15.9	15.5	15.4	15.1	п
65-74 years old	7.7	8.9	10.1	10.7	10.9	11.2	12.1	12.5	12.5	12.5	12.6	1
75 years old and over	4.8	5.4	6.4	7.2	7.3	7.4	7.6	7.6	7.9	8.4	8.4	ı
Aale	50.0	54.3	58.0	59.4	60.0	61.0	78.9	76.4	71.8	69.5	69.2	1
emale	13.4	16.8	22.8	26.0	26.8	27.4	21.1	23.6	28.2	30.5	30.8	ı
White	56.6	62.9	70.8	74.4	75.3	76.6	89.5	88.5	87.6	87.1	86.8	ı
3lack	6.2	7.3	8.6	9.2	9.5	9.8	9.8	10.2	10.6	10.8	10.9	ı
fispanic <sup>3</sup>	(NA)	(NA)	3.7	4.3	4.9	5,2	(NA)	(NA)	4.6	5.0	5.6	ı
person	10.9	13.9	18.3	20.0	20.6	21.2	17.1	19.6	22.7	23.4	23.7	ī
Male		4.9	7.0	7.5	7.9	8.3	5.5	6.9	8.7	8.8	9.1	1
Female	7.3	9.0	11.3	12.4	12.7	12.9	11.5	12.7	14.0	14.5	14.6	1
persons	18.3	21.8	25.3	26.9	27.4	27.7	28.9	30.6	31.4	31.5	31.6	1
persons	10.9	12.4	14.1	15.1	15.5	16.1	17.3	17.4	17.5	17.7	17.8	1
persons	10.0	11.1	12.7	13.6	13.6	13.8	15.8	15.6	15.7	15.9	15.7	
persons	6.5	6.4	6.1	6.1	6.1	6.3	10.3	9.0	7.5	7.1	7.0	
personu	3.5	3.1	2.5	2.4	2.3	2.1	5.6	4.3	3.1	2.8	2.6	
persons or more	3.2	2.5	1.8	1.4	1.3	1.3	5.0	3.5	2.2	1.6	1.5	

NA Not available. Includes other races, not shown separately. If 1970 and 1975, persons 14 to 24 years 6 Hepanic persons may be of any race.

Source: U.S. Bureau of the Census, Current Population Reports, series P-20, No. 419 and serier reports; and unpublishe

NA Not available. <sup>1</sup> No spouse present. <sup>2</sup> Hispanic persons may be of any race. \* As of April.

Source: U.S. Bureau of the Census, Census of Population: 1970, Persons of Spanish Origin, PC(2)-1C; Current Populatic Reports, series P-20, No. 419 and earlier reports.

/As of March. Based on Current Population Survey, see headnote, table 58. For composition of regions, see fig. I, Inside front cover)

			NUMBER OF	HOUSE !	ноиввносьв (1,000)						PERCENT DISTRIBUTION	NOLS				5	Опоментон
				F	Femily households	\$	ģ				Femily	thy households		ģ			
CANACIDADE	Total	N S	Hispanic 1	Total •	Merried couple	Female house-	femily nouse- noide	Total	Bleck	Haparic 1	Total *	Mented couple	Female house- holder a	Pouse Polds	Total	Beck	Hapenic 1
Total	997'98	9,797	812,8	999'53	80,933	10,211	24,900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	2.67	2.90	22
Ap of householder: 12-24 years old 22-29 years old 30-24 years old 45-54 years old 66-74 years old 66-74 years old 75 years old and over	5,503 9,781 10,629 17,987 13,080 12,862 11,157 7,438	82.2.2.2 2.2.2.2.2 2.2.2.2.2 2.2.2.2.2 2.2.2.2.2 2.2.2.2.2 2.2.2.2.2 2.2.2.2 2.2.2.2 2.2.2.2 2.2.2.2 2.2.2.2 2.2.2.2 2.2.2.2 2.2.2.2 2.2.2.2 2.2	546 418 71.17 107 107 107 108 108 108	3,176 6,686 8,207 14,912 10,767 9,744 6,804 3,263	2,132 6,230 11,743 11,743 8,786 8,786 1,784 1,784	x 4 4 2 5 1 5 8 8	2,32 2,423 2,423 2,332 3,100 4,43 7,17	202 203 203 244 245 445 445	202 122 203 172 122 103 103	6.00 6.00 6.00 6.00 6.00 6.00 6.00	80 108 129 129 168 168 153	24 00 20 20 20 20 20 20 20 20 20 20 20 20	7.7 12.0 13.4 13.4 15.7 11.2 0.7	9.4 12.4 12.4 12.5 17.5 17.5	2000 2000 2000 2000 2000 2000 2000 200	29 8 8 8 8 9 9 4 8 9 9 9 9 9 9 9 9 9 9 9	28.8 8.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1
Pagion: Northwest Monthwest Monthwest South West	18,562 21,647 30,311 17,736	1,831 1,822 1,822 1,822 1,822 1,822 1,822 1,822 1,822 1,822 1,823	20,1 826,1 821,2 831,2	13,176 16,771 22,163 12,429	10,422 12,613 17,711 9,966	22.22	5.367 6.077 8.128 5.308	22.28 57.28	16.7 16.7 0.0	19.7 8.0 82.1 41.3	20.7 24.8 34.9	8888 888 888 888	228 666 666 666 666	2282	8888	2288	8.8.8.8.8.9.8.9.9.9.9.9.9.9.9.9.9.9.9.9
Size of household: One persons Two persons Two persons Four persons Six persons Six persons Six persons Six persons Six persons	21,176 27,732 16,066 13,774 6,276 2,136	2,500 2,306 1,574 1,575 1,565 1,575	25.1.1.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2	2, 780 15,637 15,637 15,636 15	\$1.1.2. \$1.1.2. \$1.5.0. \$1.0.0.0. \$1.0.0. \$1.0.0. \$1.0.0. \$1.0.0. \$1.0.0. \$1.0.0. \$1.0.0. \$1.0	84 1 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	22,2 196,2 1	82 8 8 5 7 . 2 4 .	82.20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	######################################	8277878	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	8325822	2507.4BB	-484887 888888	-244322 8888883	1.02 4.4 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0
Marital status of householder: Strafe (source marital) Married, source present Married, source absent Separated Wooded Wooded	11,806 50,833 4,064 3,229 11,363	26. 26. 26. 26. 26. 26. 26. 26. 26. 26.	5.82.2 5.82.2 5.83.2 5.	2,72 2,02 2,02 3,02 3,05 4,06 6,06 4,06 6,06 1,06 1,06 1,06 1,06 1,06 1,06 1	8 888888	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	9. 2. 4. 8. 8. 8. 5. 8. 6. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8.	13.3 67.8 4.6 12.8 11.8	22.1 37.8 11.9 10.7 13.7	6.48 6.99 6.77 7.77 6.11	358832	8 <del>8</del> 8888	587.588 586.484	\$82388	2.59 2.54 2.57 2.57	258884 258884	484 <b>8</b> 42
Tenure: Owner occupied Renter occupied	56,406 32,060	4.0 8.6	2,115	45,480 18,080	39,420	4.73 87.4.8	10,919	388	158 8.8	6.68 6.4.	71.6	77.4	48	3.2	22	2.08 80.16	322
X Met anolicable 7 Lass the	8		1 History	m anoune	be of any		s Inchede	a mete hou	appoint of	F. no spous	-	No ex	Doube Dreen				

Source: U.S. Bureau of the Ceneus, Current Population Reports, series P-20, No. 419 and series P-60, No. 156. <sup>1</sup> Hispanic persons may be of any race. Z Less then .05 percent. X Not applicable.

### **Population**

No. 61. HOUSEHOLDS-STATES: 1980 TO 1986

[1980, as of April 1; 1985 and 1980, as of July 1. For definition of household, see text, section 1. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION,		(1,000)		PERSON		DIVISION		(1,000)		PERSON	
AND STATE	1980	1985	1986	1980	1986	AND STATE	1980	1985	1986	1980	1986
U.S	80,390	87,489	88,797	2.75	2.65	So. Atl	13,160	14,939	15,290	2.73	2.61
O. colonia						DE		227	232	2.79	2.66
Region:				200	12.22	MD		1,587	1,624	2.82	2.69
Northeast		18,407	18,588	2.74	2.62	DC		250	251	2.40	2.64
Midwest		21,762	21,944	2.75	2.63	****	1 1	711	710	2.79	2.66
South		29,857	30,418	2.77	2.66			2.294	2,340	2.78	2.62
West	15,574	17,463	17,847	2.71	2.67	NCSC	1.030	1,155	1,176	2.93	2.78
	5012	10000	790000	10.00	25%	GA		2,138	2,199	2.84	2.71
N. Eng	4,362	4,671	4,729	2.74	2.60	Ei	3,744	4,501	4.636	2.55	2.47
ME	395	432	439	2.75	2.59	FL	3,744	4,501	4,030	2.55	2.41
NH	323	366	379	2.75	2.62	E. So. Cent	5,051	5,437	5.504	2.83	2.70
VT	178	196	200	2.75	2.60	KY	1,263	1,344	1,355	2.82	2.67
MA	2.033	2,155	2.173	2.72	2.59	TN		1,757	1,783	2.77	2.63
RI		359	364	2.70	2.58	AL		1,444	1,464	2.84	2.71
CT		1,163	1,175	2.76	2.63	MS	827	891	902	2.97	2.84
Mid. Atl	13,109	13,735	13,859	2.74	2.62	W. So. Cent	8,276	9,481	9,624	2.80	2.73
NY	6,340	6,625	6,672	2.70	2.59	AR.		876	886	2.74	2.62
NJ		2,737	2.776	2.84	2.69	LA	1,412	1,557	1,567	2.91	2.81
PA	4,220	4,373	4,411	2.74	2.63	OK	1,119	1,253 5,796	1,255	2.62	2.56
E. No. Cent	14,654	15,207	15,343	2.78	2.66	674 6	1.00	1000	7,000	0.70	100
OH		3,965	3,998	2.76	2.63	Mt.	3,986	4,606	4,708	2.79	2.7
IN		2.011	2,026	2.77	2.64	MT	284	305	304	2.70	2.62
1		4,211	4,237	2.76	2.66	ID	324	354	356	2.85	2.76
MI	3.195	3,268	3,315	2.84	2.70	WY	166	182	182	2.78	2.74
WI	1.652	1,752	1,767	2.77	2.63	CO	1,061	1,222	1,240	2.65	2.57
**1	1,002	1,752	1,707	2.11	2.00	NM	441		523	2.90	2.78
W. No. Cent	6,205	6,556	6,600	2.68	2.58	AZ	957	1,159	1,209		2.69
		1,546	1,565	2.74	2.62	UT	449 304	368	381	3.20	2.49
MN						NV	304	300	361	2.59	2.45
IA		1,076	1,071	2.68	2.57	Date .	11,587	12,858	13,139	2.68	2.6
MO		1,895	1,916	2.67	2.58	Pac		1,691	1,723	2.61	2.5
ND		248	247	2.75	2.63	WA		1,091		2.60	2.5
SD		260	261	2.74	2.61	OR	992 8,630	9,616	1,058 9,842	2.68	2.5
NE		604	605	2.66	2.56	CA	0,030		179	2.08	2.8
KS	872	926	935	2.62	2.54	AK	131	175 330	336	3.15	3.0

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 998 and press release (CB87-65), and unput lished data.

## No. 62. HOUSEHOLDS, 1980 AND 1986, AND PERSONS IN HOUSEHOLDS, 1986, BY TYPE OF HOUSEHOLD AND PRESENCE OF CHILDREN

[As of March. Based on Current Population Survey; see headnote, table 56. Minus sign (-) indicates decrease]

			HOL	<b>SEHOLD</b>	6			SONS IN	١.
TYPE OF HOUSEHOLD AND PRESENCE OF		mber 200)	Char 1980-		Percent dis	stribution		SEHOLDS, 1980	P 94
CHILDREN	1983	1963	Num- ber (1,000)	Per- cent	1980	1983	Num- ber (mil.)	Percent distribu- tion	h
Total households	80,776	88,458	7,092	9.6	100.0	100.0	236.2	100.0	
Family households	59,550	63,558	4,006	6.7	73.7	71.9	206.1	87.2	Γ
With own children under 18	31.022	31.670	848	2.1	38.4	35.8	124.3	52.6	l
Without own children under 18		31,888	3,359	11.8	35.3	36.0	81.7	34.6	1
Married couple family		50.933	1,821	3.7	60.8	57.6	167.2	70.8	1
With own children under 18	24,961	24,630	-331	-1.3	30.9	27.8	102.3	43.3	l
Without own children under 18	24,151	26,303	2,152	8.9	29.9	29.7	65.0	27.5	1
Male householder, no spouse	1	1			. I			1	1
present		2,414	681	39.3	2.1	2.7	7.1	3.0	l
With own children under 18		935	319	51.8	.8	1.1	2.7	1.1	ı
Without own children under 18	1,117	1,479	362	32.4	1.4	1.7	4.4	1.9	1
Female householder, no spouse	i	1		1 1				l	l
present		10,211	1,506	17.3	10.8	11.5	31.7	13.4	1
With own children under 18		6,105	660	12.1	6.7	6.9	19.4	8.2	1
Without own children under 18		4,108	645	25.9	4.0	4.6	12.4	5.2	l
Nonfamily households		24,900	3,674	17.3	26.3	28.1	30.2	12.8	ı
Living alone		21,178	2,882	15.8	22.7	23.9	21.2	9.0	
Male householder		10,848	1,841	20.9	10.9	12.0	14.1	6.0	ı
Living alone	6,666	8,205	1,319	18.9	8.6	9.4	8.3	3.5	1
Female householder		14,252	1,833	14.8	15.4	16.1	16.1	6.8	I
Living alone	11,330	12,893	1,563	13.8	14.0	14.6	12.9	5.5	ı

Source: U.S. Bureau of the Census, Current Population Reports, series P-20, No. 412 and serier reports; and unpublishe

NO. 63. LIVING ARRANGEMENTS OF PERSONS 15 YEARS OLD AND OVER, BY SELECTED CHARACTERISTICS: 1986

lerch. Based on Current Population Survey which includes members of Armed Forces living off post or with families on post, but excludes other Armed Forces; see text, section 1 and Appendix III]

		ALL	RACES 1				NTE PERSO CENT LIVIN			ACK PERSO CENT LIVE	
			Percent	Iving				With			With
IE AND SEX	Total (1,000)	Alone	With	With other rela- tives	With non- rela- tives	Alone	with spouse	other rela- tives	Alone	With spouse	other rela- tives
	184,826	11.5	55.9	26.7	6.9	11.5	65.5	24.1	12.2	36.0	46.
rs old	18,274	.5	3.2	93.4	3.2		3.8	92.5	.5	1.1	96.
rs old	19,948	8.5	28.4	51.2	14.0	6.7	31.0	47.8	5.4	14.2	70.
rs old	74,561	8.7	65.8	17.8	7.6	8.8	68.5	15.1	9.2	44.7	39.
rs old	44,723	11.1	74.8	11.3	2.8	10.4	77.4	9.7	18.1	51.8	24.
ild and over	27,321	30.4	53.6	13.7	2.3	30.5	54.9	12.5	33.0	39.5	23.
eers old	16,879	24.9	62.4	10.6	2.1	24.5	64.0	9.5	31.7	45.3	19.
s old and over	10,442	39.3	39.4	16.8	2.5	40.1	40.3	17.3	36.1	29.3	30.
	89,474	9.4	58.4	26.1	7.1	9.1	60.7	25.2	12.2	40.4	26.
rs old	9.183	.5	1.5	95.1	2.9	.5	1.7	94.8	.3	.2	97.
rs old	9,788	7.0	21.3	56.7	14.9	7.4	23.3	54.0	5.5	10.8	71.
rs old	38.911	10.7	64.8	15.1	9.6	10.6	65.6	13.3	12.6	47.7	29.
ns old	21.320	9.0	80.4	7.1	3.4	8.1	82.4	6.5	18.1	62.0	11.
ild and over	11.272	14.9	75.3	7.2	2.5	14.3	78.7	8.7	23.3	59.9	113
eers old	7.440	12.7	79.2	5.7	2.4	11.8	80.4	5.4	23.0	64.0	9.
old and over	3,832	19.2	67.9	10.2	2.7	19.0	69.5	9.2	24.0	51.7	16.
<b>b</b>	96,364	13.4	53.7	25.2	4.6	13.8	58.4	24.9	12.1	32.4	51.
rs old	9,091	.6	4.9	91.0	3.5	.6	5.6	90.1	.7	1.9	96.
rs old	10,180	5.9	35.2	45.8	13.1	6.1	36.5	41.7	5.4	17.0	66.
re old	37,649	6.8	67.0	20.5	5.7	6.9	70.3	16.6	6.4	42.1	47.
rs old	23,404	13.0	89.7	15.2	2.2	12.4	72.8	12.7	18.1	43.7	36.
ild and over	16.049	41.3	38.3	18.2	2.1	41.9	39.5	16.6	39.3	25.8	31.
ears old	9.439	34.6	49.2	14.4	1.9	34.5	51.0	12.8	36.0	31.5	26.
old and over	6,610	51.0	22.8	23.6	2.4	52.2	23.4	22.0	41.5	16.7	39.

se other races not shown separately.

#### No. 64. LIVING ARRANGEMENTS OF YOUNG ADULTS: 1970 TO 1986

and 1980, as of April. Beginning 1980, as of Merch and based on Current Population Survey, see headnote, table 63]

	PERI	ONS 18-	24 YEAR	S OLD	PER	ONS 25-	34 YEAR	S OLD
LIVING ARRANGEMENTS AND SEX	1970	1983	1905	1986	1970	1985	1963	1986
al (1,000)	22,357	29,122	27,844	27,111	24,506	36,788	40,867	42,063
stribution:								
householder 1	47.3	46.4	53.6	52.8	8.0	8.7	10.8	11.1
ouseholder or spouse		26.9	24.3	24.9	62.8	72.3	67.9	65.0
ly householder		9.5	8.2	8.5	4.9	12.0	12.9	13.1
	1 466	13.2	13.8	14.0	4.3	7.0	8.6	9.2
[1,000)	10,306	14,278	13,850	13,324	11,929	13,167	29,184	20,960
stribution:	1		l		۱	1		١
householder 1	. 54.3	54.3	59.7	58.8	9.5	10.5	13.3	14.
ouseholder or spouse	30.0	21.3	16.4	17.1	79.3	68.4	80.1	58.
ly householder		11.1	9.6	9.5	6.5	15.3	16.1	16.0
	10.3	13.3	14.3	14.6	4.8	7.9	10.5	10.6
le (1,000)	11,950	14,844	14,149	13,787	12,637	18,600	20,673	21,007
householder 1	41.3	42.7	47.8	46.7	6.6	7.0	8.0	8.0
cuseholder or spouse		36.2	32.0	32.4	88.1	78.1	75.5	74.1
ly householder		8.1	6.9	7.5	3.5	8.8	9.7	9.0
-,	9.7	13.1	13.3	13.4	3.9	6.2	6.7	7.5

se unmerried college students living in domitories.

<sup>:</sup> U.S. Bureau of the Census, Current Population Reports, series P-20, forthcoming report.

U.S. Bureau of the Census, 1970 and 1980 Census of Population, PC(2)-48 and Current Population Reports, series P-III and forthcoming report.

### **Population**

NO. 65. FAMILY GROUPS WITH CHILDREN UNDER 18, BY RACE AND TYPE: 1970 TO 1986 [As of March, Based on Current Population Survey; see headnote, table 56. For definition of family types, see text, section 1]

							198	6				
			Num	ber (1,0	00)	Percer	nt distrib	ution	P	ercent, b	y type	
PRESENCE OF PARENTS AND MARITAL STATUS	1970, total (1,000)	1980, total (1,000)	Total 1	White	Black	Total 1	White	Black	All family groups	Family house- holds	Re- lated sub- fami- lies	Un- re- lated sub- fami- lies
Total with children under 18 Two-parent family groups One-parent family groups Maintained by mother Never married Spouse absent Separated Divorced Widowed Maintained by father Never married Spouse absent Divorced Widowed Michael Spouse Spouse Michael Spouse Spouse Spouse Divorced Widowed	25,823 3,808 3,415 248 1,377 962 1,109 682	32,150 25,231 6,920 6,230 1,063 1,743 1,483 2,721 703 692 63 181 340	33,939 25,010 8,930 7,842 2,276 1,724 1,506 3,294 546 1,088 205 218 571 94	22,076	4,772 2,022 2,752 2,597 1,355 546 510 561 133 155 60 40 47	100.0 73.7 26.3 23.1 6.7 5.1 4.4 9.7 1.6 3.2 .6 6.6	100.0 78.7 21.3 18.1 3.2 4.0 3.5 9.5 1.4 3.2 5.6 6.8	100.0 42.4 57.7 54.4 11.4 10.7 11.8 2.8 3.2 1.3 8 1.0	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	93.3 98.5 78.8 77.9 62.4 82.5 83.9 83.0 85.9 75.6 80.7 89.7 97.9	5.5 1.4 17.1 17.8 34.1 14.4 13.1 10.4 5.5 12.0 23.4 16.5 8.1 2.1	1.0

No. 66. FAMILIES, BY SIZE AND PRESENCE OF CHILDREN: 1980 AND 1986

n thousands, except as Indicated. As of March. Excludes members of Armed Forces except those living off post or with their families on post. Based on Current Population Survey; see text, section 1 and Appendix III. For definition of families, see text, section 1)

						1963				
			All races	, 1	w	ille	Ble	ck	Hispa	nic 4
CHARACTERISTIC	1980, total	Total <sup>a</sup>	Mer- ried cou- ple	Female house- holder <sup>8</sup>	Total *	Mer- ried cou- ple	Total <sup>a</sup>	Mar- ried cou- ple	Total <sup>a</sup>	Me de Sp
Total	59,550	63.568	50,933	10,211	54,901	45.934	6,921	6.006	4.883	2.0
ize of family:								4000	4000	_
2 persons	23,461	25,472	19.276	4.684	22,896	18.017	2.176	1.004	1.050	l a
3 persons	13 603	15,400	11.714	3,104	13.242	10.532	1,803	908	961	l š
4 persons		13.355	11.820	1,355	11.526	10.620	1,420	844	1.048	Ιă
5 persone		6,106	5,402	621	4.961	4.631	871	542	598	1 5
6 persons		2.044	1.756	262	1.574	1.441	336	195	296	l ž
7 or more persons		1.181	965	185	771	683	311	168	234	1 7
Median size (number) 5	3.29	3.21	3.27	3.02	3.15	3.22	3.55	3.68	3.87	۱ ۵
wn children under age 18:	3.20	اعتدا	3.2/	3.02	3.15	3.22	3.50	3.00	3.07	1 -
None	28,528	31,986	26,303	4,106	26,417	24,167	2.662	1.683	1.451	١,
1		13,325	9.868			8.773	1.610		936	1:
				2,857	11,353			872	986	1:
2		11,902	9,580	2,061	10,143	8,562	1,356			١.
3	4,674	4,606	3,764	778	3,735	3,256	683	341	523	1 1
4 or more	2,435	1,837	1,418	408	1,344	1,185	410	183	298	1
wn children under age 6:	1	l		1	l	1		l		١.
None		46,977	39,009	7,868	42,728	35,362	5,076	2,742	2,702	11,
<u> </u>		9,847	7,921	1,895	8,291	7,003	1,255	650	965	1
2 or more	4,047	4,734	4,003	850	3,972	3,558	589	289	550	1
PERCENT DISTRIBUTION	l		1	İ	1			1	•	ı
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	Ŀ
ize of family:	1				1			T	i	Г
2 persons	39.4	40.1	37.8	45.9	41.6	39.2	31.5	27.3	25.2	1
3 persone		24.2	23.0	30.4	24.1	22.9	26.1	24.7	23.3	1
4 persons		21.0	23.2	13.3	21.0	23.1	20.5	22.0	24.9	1
5 persons		9.6	10.6	8.1	9.1	10.1	12.6	14.7	14.2	ı
6 persons		3.2	3.4	2.6	2.9	3.1	4.9	5.3	6.6	i
7 or more persons		1.9	1.9	1.8	1.4	1.5	4.5	5.1	5.6	ı
wn children under age 18:	1 2.0	1 1.8	1.0	1.5	1.4	I 1.0	7.5	J 5.1	3.0	1
None	47.9	50.2	51.6	400		52.6	44.4	45 -	- 40	i
				40.2	51.7		41.4	45.7	34.5	1
1		21.0	19.4	26.0	20.6	19.1	23.3	21.8	52.2	1
2		18.7	18.8	20.2	18.4	18.6	19.6	18.3	23.7	ī
3		7.2	7.4	7.6	6.8	7.1	9.9	9.3	12.4	i
4 or more	. 4.1	2.9	2.8	4.0	2.4	2.5	5.9	5.0	7.1	1
wn children under age 6:	l	l	1	l		l		l		1
None		77.1	78.8	77.0	77.7	77.0	73.3	74.5	64.2	
1	. 15.9	15.5	15.8	16.6	15.1	15.2	18.1	17.7	22.7	
2 or more	. 5.8	7.4	7.8	6.4	7.2	7.7	8.5	7.8	13.0	

<sup>&</sup>lt;sup>1</sup> includes other races, not shown separately. <sup>9</sup> includes other types of families, not shown separately. <sup>9</sup> h resent. <sup>6</sup> Hispanic persons may be of any race. <sup>9</sup> For definition of median, see Guide to Tabular Pre Source of tables 65 and 66: U.S. Bureau of the Census, Current Population Reports, series P-20, No. 419 and earlier is

Represents or rounds to zero. NA Not available. <sup>1</sup> includes other races, not shown separately, divorced.

<sup>\*</sup> Includes

VO. 67. FAMILIES, BY NUMBER OF OWN CHILDREN UNDER 18 YEARS OLD: 1970 TO 1986 : as noted, as of March, and based on Current Population Survey; see headnots, table 86. See also Historical Statistics,
Colonial Times to 1970, series A 363-366)

	Num- ber of	PERCEN	T DISTRI	CHILDE		BER OF	OWN	Aver-
RACE AND YEAR	fami- lies (1,000)	All fami- lies	None	1	2	3	4 or more	age size of family
ALL FAMILIES !	51,586	100.0	44.1	18.2	17.4	10.6	9.8	3.58
	55,712	100.0	46.0	19.7	18.0	9.3	6.9	3.42
	59,550	100.0	47.9	20.9	19.3	7.8	4.1	3.29
	62,706	100.0	50.4	20.9	18.6	7.2	3.0	3.23
	63,558	100.0	50.2	21.0	18.7	7.2	2.7	3.21
WHITE FAMILIES	46.261	100.0	44.8	18.2	17.7	10.5	8.8	3.52
	49,451	100.0	47.2	19.4	18.0	9.2	6.2	3.36
	52,243	100.0	49.3	20.5	19.1	7.5	3.6	3.23
	54,400	100.0	51.8	20.5	18.3	6.8	2.6	3.16
	54,991	100.0	51.7	20.6	18.4	6.8	2.4	3.15
HISPANIC FAMILIES <sup>2</sup>	4,887	100.0	38.9	17.6	14.8	10.1	18.5	4.13
	5,498	100.0	36.8	22.0	17.0	10.6	13.6	3.90
	6,184	100.0	38.2	23.4	20.0	10.2	8.2	3.67
	6,778	100.0	42.6	23.3	19.6	9.0	5.5	3.60
	6,921	100.0	41.4	23.3	19.6	9.9	5.9	3.55
	2,447 3,029 3,939	100.0 100.0 100.0 100.0 100.0	29.8 29.4 31.2 33.9 34.5	19.5 23.1 22.4 22.9 22.2	19.4 19.7 23.0 22.0 23.7	13.3 13.4 13.4 12.2 12.4	18.1 14.5 9.9 8.9 7.1	(NA) (NA) 3.90 3.88 3.87

ot available. Includes other races, not shown separately. Plepanic persons may be of any race. April. Besed on Census of Population.

### 18. FAMILY HOUSEHOLDS WITH OWN CHILDREN UNDER AGE 18, BY TYPE OF FAMILY, 1970 TO 1986, AND BY AGE OF HOUSEHOLDER, 1986

March. Excludes members of Armed Forces except those living off post or with their femilies on post. Based on Current Population Survey, see text, section 1, and Appendix III]

								1903			
FAMILY TYPE	1979	1975	1983	1980	Total	15-24 years old	25-34 years old	35-44 years old	45-54 years old	55-64 years old	65 years old and over
By households with chil- sn (1,000)	36,731	29,944	31,022	31,112	31,670	1,915	11,510	12,371	4,671	1,067	184
cuple (1,000)seholder <sup>1</sup> (1,000)	25,532 341 2,858	25,185 478 4,301	24,961 616 5,445	24,210 888 6,006	24, <b>63</b> 0 936 6,105	1,148 73 694	6,764 281 2,445	9,791 374 2,206	3,683 150 638	913 49 105	109 8 17
RCENT DISTRIBUTION				1							
By households with chil- en	88.9	100.0 64.0 1.6 14.4	100.0 80.5 2.0 17.6	100.0 77.8 2.9 19.3	100.0 77.8 3.0 19.3	100.0 59.9 3.8 38.2	100.0 76.3 2.4 21.2	100.0 79.1 3.0 17.8	100.0 83.1 3.2 13.7	100.0 85.6 4.8 9.8	100.0 81.3 6.0 12.7
LDS WITH CHILDREN, AS A OT OF ALL FAMILY HOUSE-, BY TYPE											
By households with chil- es, total	57.1	<b>53.9</b> 53.6 32.2 <b>80.3</b>	<b>52.</b> 1 50.8 35.5 62.6	48.6 48.1 40.2 59.3	46.6 46.4 36.7 59.8	90.3 53.9 28.3 86.4	77.3 74.8 51.1 94.3	83.4 70.7 83.5	43.4 44.3 37.1 39.7	11.0 11.1 14.5 9.2	1.3 1.3 2.4 1.2

pouse present.

<sup>:</sup> U.S. Bureau of the Census, U.S. Census of Population, 1970, and Current Population Reports, series P-20, No. 419, and

t U.S. Bureau of the Census, Current Population Reports, series P-20, No. 419, and earlier reports.

### **Population**

### No. 69. CHILDREN UNDER 18 YEARS OLD, BY PRESENCE OF PARENTS: 1970 TO 1986

[As of March. Excludes persons under 18 years old who maintained households or family groups. It is likely that most of sizeable increase in children living with never merited mothers is the result of new and more definitive coding proceds introduced by the Census Bureau in 1982. Based on Current Population Survey; see headnote, table 86]

					PERCENT (	IVING WITH	<del>-</del>		
	Num-				Aother on	y			
RACE AND YEAR	(1,000)	(1,000) per-	Total	Di- vorced	Mar- ried, spouse absent	Single <sup>1</sup>	Wid- owed	Father only	Nel per
ALL RACES *									
1970	63,427 62,475	85.2 76.7 73.9 73.9	10.8 18.0 20.9 21.0	3.3 7.5 8.5 8.5	4.7 5.7 5.4 5.3	.8 2.8 5.6 5.7	2.0 2.0 1.5 1.4	1.1 1.7 2.5 2.5	
WHITE		l		l	ì	1			l
1970	52,242 50,636	89.5 82.7 80.0 79.9	7.8 13.5 15.6 15.7	3.1 7.0 8.1 8.2	2.8 3.9 4.1 4.1	2 1.0 2.1 2.3	1.7 1.7 1.3 1.2	.9 1.6 2.4 2.5	
BLACK									ļ
1970	9,479	58.5 42.2 39.5 40.6	29.5 43.9 51.0 50.6	4.6 10.9 11.3 11.1	16.3 16.2 12.4 12.0	4.4 12.8 24.8 24.9	4.2 4.0 2.5 2.6	2.3 1.9 2.9 2.4	
HISPANIC <sup>3</sup>		1				İ			
1970	5,459 6,057	77.7 75.4 67.9 66.5	(NA) 19.6 26.6 27.7	(NA) 5.9 7.3 8.6	(NA) 8.2 11.1 10.7	(NA) 4.0 6.5 7.0	(NA) 1.5 1.7 1.4	(NA) 1.5 2.2 2.7	

NA Not available. 1 Never married. 2 includes other races not shown separately. 2 Hispanic persons may be of 4 All persons under 16 years old.

Source: U.S. Bureau of the Ceneus, Current Population Reports, series P-20, No. 411 and earlier and forthcoming rep

### No. 70. FEMALE FAMILY HOUSEHOLDERS WITH NO SPOUSE PRESENT—CHARACTERISTICS, BY RAC 1970 TO 1986

[As of Merch. 1970 covers persons 14 years old and over; beginning 1980, covers persons 15 years old and over. Based o Current Population Survey; see headnote, table 66]

	11-14			WHITE					BLACK		
CHARACTERISTIC	Unit	1970	1980	1984	1985	1986	1979	1980	1984	1980	L
Female family house-											l
holder Percent of all families	1,000 Percent	<b>4,185</b> 9.1	6,062 11.6	9,784 12.6	6,941 12.8	7,111 12.9	1,349 28.3	<b>2,495</b> 40.3	<b>2,874</b> 43.1	3,884 43.7	ľ
Vedian age	Years	50.4	43.7	42.9	42.7	42.4	41.3	37.4	36.0	38.0	
Single (never married)	Percent	9.2	10.6	12.0	11.9	12.8	16.2	27.3	30.9	33.4	1
Married, spouse absent	Percent	18.5	16.9	16.6	16.0	15.6	39.7	28.6	23.4	21.1	1
Separated		11.4	13.9	13.5	13.6	13.5	33.8	26.8	21.7	19.3	1
Other		7.2 47.0	3.0 32.7	3.1 28.6	2.1	2.3 26.6	5.9 29.9	1.8 22.2	1.7 20.3	1.7 21.2	ı
Divorced		25.3	39.8	42.8	43.8	42.8	14.2	21.9	25.4	24.5	L
Presence of children under 18:											Г
No own children		52.0	41.2	43.2	43.5	43.2	33.5	28.1	33.5	34.5	1
With own children		46.0	58.8	56.8	56.5	56.8	66.6	71.9	66.6	65.5 27.5	١.
1 child 2 children		18.8	28.1 19.9	28.6	28.9 18.6	29.3	19.1	26.3 23.2	27.9 21.5	21.6	Г
3 children		15.0 7.8	7.4	19.5 5.9	6.4	19.2 5.9	14.4 12.5	11.1	11.0	10.1	ŀ
4 or more children	Percent	6.4	3.4	2.7	2.6	2.4	20.6	11.3	6.2	6.3	h
deen number of children		1.00	1.03	.96	.96	.95	1.83	1.51	1.26	1.20	1

Source: U.S. Bureau of the Census, Current Population Reports, series P-20, No. 411 and earlier and forthcoming #

### . 71. NONFAMILY HOUSEHOLDS, BY AGE OF HOUSEHOLDER AND PRESENCE OF NONRELATIVES: 1970 TO 1988

[1976, persons 14 years old and ever; 1965 and 1986, 15 years old and ever. See headnote, table 65]

	HOUSE			MALE	(1,000)	OLDER		FEMALE HOUSEHOLDER (1,000)					
ITEM	Total (1,000)	Per- cent	Total	15-24 yr. old	25-44 yr. old		65 yr. old and over	Total	15-24 yr. old	25-44 yr. old	45-64 yr. old	65 yr. old and over	
O (April), total n (living alone)	12,430 11,115 1,315	100.0 89.4 10.6	4,629 3,965 664	1571 1345 1226	1,346 1,134 212	1,395 1,263 132	1,318 1,224 94	7,801 7,150 651	1512 1328 1184	815 695 120	2,577 2,421 156	3,897 3,706 191	
10 (March), total	21,226 18,296 2,930	100.0 86.2 13.8	8,807 6,966 1,841	1,567 947 620	3,854 2,920 934	1,822 1,613 209	1,565 1,486 79	12,419 11,330 1,089	1,189 779 410	2,198 1,809 389	3,048 2,901 147	5,983 5,842 141	
iš (March), total n (living alone) tives present	24,900 21,178 3,722	100.0 85.1 14.9	10,648 8,285 2,363	1,283 735 549	5,399 3,952 1,446	2,206 1,918 288	1,761 1,681 79	14,252 12,893 1,359	1,045 654 392	3,203 2,571 631	3,235 3,031 204	6,768 6,636 132	

ione 14-24 years old.

st: U.S. Bureau of the Census, Consus of Population: 1970, vol. II, part 48; Current Population Reports, series P-20, No. I unpublished data.

#### No. 72. NONFAMILY HOUSEHOLDERS, BY MARITAL STATUS: 1970 TO 1986

isseands of persons. As of March. 1976, persons 14 years old and over; 1909 and 1996, persons 15 years old and over. Based on Current Population Survey; see headnote, table 60]

				190	<b>10</b>						19	86	
N. IS	1970	1985	Total	Under 36 yr.	35-64 yr.	65 yr. old and over	MARITAL STATUS	1970	1900	Total	Under 36 yr.	36-64 yr.	65 yr. old and over
J	4,883	3,897	10,648	4,771	4,117	1,761	Females	7,202	12,419	14,362	3,874	4,400	6,700
d	1,765 545 986 756	4,371 1,061 1,177 2,209	5,237 1,199 1,239 2,974	3,586 403 6 773	1,328 667 228 1,893	320 130 1,004 308	Single Merried <sup>1</sup> Widowed Divorced	1,808 516 4,915 844	3,302 675 6,560 1,873	3,819 759 7,069 2,606	2,446 172 19 438	939 494 1,363 1,893	435 183 5,885 438

spouse present.

st: U.S. Bureau of the Census, Current Population Reports, series P-20, No. 418 and serier reports; and unpublished data.

#### No. 73. Persons Living Alone, By Sex and Age: 1970 to 1986

[As of March. Based on Current Population Survey; see headnote, table 66]

		N	UMBER C	F PERSO	ms (1,00	0)		PE	RCENT DI	STRIBUTI	ON
SEX AND AGE	1970	1970	1980	1990	1994	1999	1980	1970	1970	1990	1905
th coxec	10,851	13,850	10,296	16,296	10,054	56,602	21,178	100.0	100.0	100.0	100.0
mers 1	556	1,111	1,728	1,303	1,300	1,324	1,350	5.1	8.0	9.4	6.0
reers	1,804	2,744	4.729	5,576	5,860	6,228	6,523	14.6	19.7	25.8	30.8
79673	3.622	4.076	4.514	4,515	4,810	4,939	4,949	33.4	29.2	24.7	23.4
B old and over	5,071	6,008	7,326	7,956	7,966	6,112	8,318	46.7	43.1	40.1	39.3
	3,532	4,918	6,006	7,451	7,529	7,022	8,296	32.5	35.3	26.1	26.1
	274	610	947	872	608	750	736	2.5	4.4	5.2	3.5
	933	1,889	2,920	3,441	3,455	3,713	3,952	6.6	12.1	16.0	16.7
<b>PERS</b>	1,152	1,329	1,613	1,714	1,779	1,845	1,918	10.6	9.5	8.8	9.1
s old and over	1,174	1,290	1,486	1,624	1,595	1,614	1,881	10.6	9.3	8.1	7.9
<b></b>	7,319	6,921	11,250	11,790	12,425	12,858	12,803	67.9	64.7	61.9	86.9
Mars 1	282	501	779	631	606	573	664	2.8	3.6	4.3	3.1
/eers	671	1,065	1,808	2,135	2,414	2,514	2,571	6.2	7.8	9.9	12.1
/96/3		2,747	2,901	2,901	3,031	3,096	3,031	22.8	19.7	15.9	14.3
s old and over	3,897	4,718	5,842	6,232	6,371	6,466	6,636	35.9	33.8	31.9	31.3

0 and 1975, persons 14-24 years old.

xx: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 418 and serier reports; and unpublished data.

### No. 74. Population in Institutions and Other Group Quarters, By Sex and Type of Quarters: 1980 to 1980

[In thousands. As of April 1. Based on sample data and subject to sampling variability; see text, section 1 and Appendix III

Historical Statistics, Colonial Times to 1970, series A 359-371, for immates of institutions]

			1970			1980
TYPE OF QUARTERS	1963	Total	Male	Fe- male	Total	Male
Total	4,902	6,788	3,436	2,349	6,733	3,153
Institutional inmates Homes for the aged and dependent Mental hospitals and residential treatment centers Correctional institutions Tuberculosis hospitals. Chronic disease hospitals (excl. TB and mental) Homes and schools for the mentally handicapped.	470 830 346 85 42	2,127 928 434 328 17 67 202	1,126 298 245 314 12 38 114	1,000 629 189 15 5 29 88	2,492 1,426 255 468 8 61 149	1,231 422 157 439 6 36 85
Homes and schools for the physically handicapped	3	23 48 4 86 10	16 26 (Z) 53 7	6 19 4 14 4	27 38 2 42 17	15 24 34 14
College dormitories Military quarters Rooming and boarding houses. Other	865	1,765 1,025 330 539	891 1,006 191 224	874 20 139 315	1,964 671 178 404	969 613 107 212

<sup>-</sup> Represents or rounds to zero. Z Fewer than 500.

### No. 75. RELIGIOUS PREFERENCE, CHURCH MEMBERSHIP AND ATTENDANCE: 1957 TO 1966

[in percent. Covers civilian noninstitutional population, 18 years old and over. Data represent averages of the combined ses several surveys during year. Data are subject to sampling variability, see source]

		RELIGIO	JS PREFER	ENCE		Church/	Persons attend-		a
YEAR	Protes- tant	Catho- lic	Jewish	Other	None	gogue mem- bers	ing church/ syne- gogue <sup>1</sup>	AGE AND REGION	* O.S.
1967 1967 1975 1980	66 67 62 61	26 25 27 28	3 3 2 2	1 3 4 2	3 2 6 7	173 173 71 69	47 43 41 40	18-29 years old	
1984 1986 1986	57 57 50	28 28 27	2 2 2	4	9	68 71 89	40 42 40	Midwest South West West 7	

<sup>&</sup>lt;sup>1</sup> Persons who attended a church or synagogue in the lest seven days. <sup>2</sup> 1952 data. <sup>3</sup> 1965 data. <sup>4</sup> ME, NH, f CT, VT, MA, NJ, PA, WV, DE, MD, and DC. <sup>5</sup> OH, IN, IL, MI, MN, WI, IA, ND, SD, KS, NE, and MO. <sup>5</sup> KY, TN, VA, N GA, FL, AL, MS, TX, AR, OK, and LA. <sup>7</sup> AZ, NM, CO, NV, MT, ID, WY, UT, CA, WA, OR, AK, and HI. Source: Gallup Opinion Poll, Princeton, NJ, "Religion in America" in *The Gallup Report*, periodic.

### No. 76. RELIGIOUS BODIES—CHURCH MEMBERSHIP, 1960 TO 1985, AND NUMBER OF CHURCH 1985

[tilembership in thousands, except as indicated. See headnote, table 77. See also Historical Statistics, Colonial Times is series H 793-799]

			MEMBER	SHIP			ŀ
RELIGIOUS BODY	1965	1970	1975	1900	1984	1960	ľ
Total	114,440	131,046	131,013	134,817	142,172	142,996	I
Members as percent of population <sup>1</sup> Average members per local church Buddhist Churches of America Eastern Churches Jews <sup>9</sup>	64 359 20 2,699 5,367	83 399 100 3,850 5,870	61 393 80 3,606 6,115	59 401 60 3,823 5,920	60 409 100 4,053 5,817	60 413 100 4,028 5,636	
Old Catholic, Polish National Catholic, and Armenian Churches. The Roman Catholic Church	590 42.105 83,889	848 48,215 71,713 449	848 48,882 71,043 372	924 50,450 73,479 161	1,024 52,266 78,702 190	1,094 52,666 79,096 191	

X Not applicable. ¹ Based on Bureau of the Census estimated total population as of July 1. º Estimates of community including those identified with Orthodox, Conservative and Reformed synagogues or temples. ¹ includes tent bodies such as "Latter-day Saints" and "Jehovah's Witnesses." ¹ Includes non-Christian bodies such as "8 "Ethical Culture Movement," and "Unitarian-Universalists."

Source: U.S. Bureau of the Census, U.S. Census of Population: 1980, vol. I, chapter D, and vol. II; Census of Population vols. I and II; and 1980 Census of Population, vol. 2 (PCSD-2-4D).

Source: National Council of the Churches of Christ in the United States of America, New York, NY, Yearbook of American Churches, annual. (Copyright.)

### No. 77. RELIGIOUS BODIES-SELECTED DATA

its latest information available from religious bodies with memberships of 50,000 or more; excludes a few groups giving. Not all groups follow same calendar year nor count membership in same way, same groups give only approximate Roman Catholics count all baptized persons, including infants; Jewish statistics are estimates of the number of persons Jewish households including as a consequence of intermembrap, approximately 7.4 percent non-Jewish persons, Eastern K. Churches Include all persons in their nationality or cultural groups; most Protestant bodies count only persons who latend full membership, and previous estimates have indicated that all but a small mining of these are over 13 years of sever, many Lutheran bodies and The Episcopal Church report all baptized persons, and not only these confirmed. Data peer in latios are "noncurrent," i.e., they are reported for 1994 or eartier. All other data are "current" and were I in 1999 or 1995]

RELIGIOUS BODY	Year	Churches reported	Member- ship (1,000)	Pastors serving partenes	Sunday school enrollment <sup>1</sup> (1,000)
<b>-</b>	🗙	345,961	142,936	325,111	56,602
is with membership of 65,802 or more	00	330,400	141,475	314,802	20,279
	∃  🖁	200,479 121,001	108,552	217,970 96,062	29,279
sthodist Episcopal Church athodist Episcopal Zion Church	1981 1984	6,800 6,057	2,210 1,202	6,050 6,050	200
Beptist Association	1984 1983 1980	1,641 5,814	225	(NA) 4,903	133
ethodiet Epiecopal Church	1980 1976	5,814	1,630 100	4,903 61	396
				1	
Lutheren Church, The	1980 1984 1984 1988	4,949 120	2,332 280	4,679 155	5/6 04A
Catholic Assyrian Church of the East, N. American Diocese Overcoming Holy Church of God	1994	24	00	54	544
Overcoming Holy Church of God	1956	300	75	300	(100)
Apostotic Church of America	1966	27	225	20	_ Z
Church of America, Diocese of the	1976		450	14,908	1,44
e of Godble Fellowships, International	1935 1980	10,761	2,083 1,486	3,400	750
Ineral Conference	1989	3,449 753	183	1,070	79
salonary Association of America	1985	1,367	226	1,500	90
Churches of America	1001	100	100	70	(044)
Esstem Orthodox Church (Diocese of N. and S. America a	nd 1971	13	_ es		
nd Mesionary Allence, The	1966	1.646	228	1,000	100
Church (Disciples of Christ)	1936	4,214	1,116	4,040	341
Churches and Churches of Christ	1986 1986	5,437	1,061	(044)	(ma)
Congregation, Inc., The		1,441	104 719	1,441	57
Methodist Episcopel Church	1986	2,340	220	2300	(04)
God, The	1978	2,036	76	1,910	1
God (Anderson, IN)	1985	2.291	186	1,924	203
God (Cleveland, TN)	1994	5,346 9,982	506	8,341	944
God in Child, The	1994 1982 1982	300	3,710	9,204 700	85
God of Prophecy, The	1985	2,051	280 74	5,976	, <u>5</u>
Jesus Christ of Latter-day Saints, The	1865	8.396	3,990	25,168	3,587
the Brethren	1866 1986	1.045	150	984 4,059	61
The Nazarane	1985 1886	4,908	522 1,604		815
of Christ	1985	13,150 360	200	(MA)	044
Innel Christian Churches, National Association of	1865	494	108	583	644
Ional Christian Churches, National Association of the Baptist Association of America	1982	1,140	225	(Aug	25
hodox Church	1982 1980 1985	28	115		(04)
nd Presbyterien Church	1985 1866	618 7,274	98 2,739	583 7,909	561
of Covenant Church, The	1866	598	2,765	502	77
al Free Church of America	1980	980	96	(AUG)	() ()
el Lutheren Churches, The Association of	1982	279	111	(14)	110
al Free Church of America	1985	1,048 2,548	72	986	111
Reptists	1866 1866	2,548 536	218 57	2,800 327	165
nited Meeting	1866	450	65	650	4
	1981	1,571	301	2,000	-
legociation of Regular Beptiet Churches	1985	875	73	(044)	[ <b>6</b> %
hadox Archdiocese of North and South America	1977 1980	535 1,019	1,960 120	610 782	
nel Church of the Foursquere Gospel	1985	1,165	176	1,264	
Winesees	1980	6,226	730		"
	1980 1985	3,416	730 5,665	(044)	Pun
pdat Fallowship	<i>1983</i> 1986	267	130 2,606	374 6,199	94A
VIII II MITCL	1860	5,817	2,500	9,199	1 00

stnotes at end of table.

### **Population**

# No. 77. RELIGIOUS BODIES—SELECTED DATA—Continued [See headnote, p. 53]

RELIGIOUS BODY	Year	Churches reported	Member- ship (1,000)	Pestors serving perishes	en
Bodies with membership of 50,000 or more—Con.					
utheran ChurchMissouri Synod, The		5,876	2,636	5,093	ł
Aennonite Church	1965	989	91	1,562	
lational Baptist Convention of America	1956	11,398	2,000	7,598	
tational Baptist Convention, U.S.A., Inc	1956	26,000	5,500	26,000	l
Valional Primitive Baptist Convention, Inc	1975	606	250	460	
forth American Old Roman Catholic Church		130	62	107	i
Orthodox Church in America	1978	440	1,000	457	}
Pentecostal Church of God	1965	1,142	90	(NA)	]
Pentecostal Holiness Church, International	1984	1,461	113	1,530	1
Tymouth Brethren	1984	1,150	98	(NA)	
Polish National Catholic Church of America		162	262	141	1
resbyterian Church in America		878	178	(NA)	1
reebyterian Church (U.S.A.)	1985	11,554	3,048	10,832	Į.
rimitive Baptists	1960	1,000	72	(NA)	l
Progressive Mational Baptist Convention, Inc	1967	655	522	(NA)	l
Reformed Church in America	1965	926	342	848	
Reorganized Church of Jesus Christ of Latter-day Saints	1985	1,101	192	16,411	1
Ioman Catholic Church, The	1985	24,251	52,655	35,155	1
tomenian Orthodox Epiecopate of America		34	60	26	1
Russian Orthodox Church Outside of Russia, TheThe	1955	81	55	92	1
Salvation Army, The	1985	1,088	428	2,553	l
Perbian Eastern Orthodox Church in the U.S.A. and Canada		78	97	57	
leventh-day Adventists		4,009	652	2,127	l
louthern Beptist Convention	1965	36,896	14,477	38,880	l
Triumph the Church and Kingdom of God in Christ (International)	1972	475	54	860	l
Itrainian Orthodox Church in the U.S.A		107	86	107	l
Initarian Universalist Association		948	172	(NA)	ı
Inited Church of Christ	1985	6,408	1,094	5,103	1
Inited Methodist Church, The	1984	37,980	9,267	21,430	l
Inited Pentecostal Church, International		3,408	500	(NA)	1
Vesleyan Church, The	1985	1,714	110	1,464	1
Visconsin Evangelical Lutheran Synod	1965	1,179	415	1,069	
Bodies with membership of less than 50,000	(x)	19,481	1,451	11,079	ı

Represents zero. NA Not available. X Not applicable. 
<sup>1</sup> Includes pupils, officers, and teachers. 
<sup>2</sup> Estate of Jewish community provided by American Jewish Yearbook.

### No. 78. RELIGIOUS TELEVISION PROGRAM VIEWING, BY SELECTED CHARACTERISTICS: 198 [In percent. As of April. Covers civilian noninstitutional population, 18 years old and over. Based on a sample of 1,571 ada subject to sampling variability; contact source]

CHARACTERISTIC	PERCENTA WATCH RE TELEVI	ELIGIOU8	Percent who don't	CHARACTERISTIC	PERCENTA WATCH RE TELEV	ELIGIOUS	١,
	Total 1	Weekly	watch		Total 1	Weekly	L
Total 3	49	25	51	Region: <sup>a</sup> East	38	17	
Age: 18-29 years old 30-49 years old	39 47	18 22	61 53	Midwest South West	38 46 62 48	21 37 21	
50 years and over Sex:	58	33	42	Education: Not high school		44	
Male	44 53	21 29	56 47	graduate High school graduate Some college College graduate	64 48 45 42	41 22 20 18	١
Rece: White Black	48 68	23 30	54 32	Religious belief: Evangelicals Nonevangelicals	79 36	46 15	

<sup>&</sup>lt;sup>1</sup> Includes those who watched religious television program 8 or more days ago. 
<sup>2</sup> Includes other races, not shown **50**;
<sup>3</sup> See footnotes 4, 5, 6, and 7; table 75.

.45

Source: Gallup Opinion Poll, Princeton, NJ, press release.

Source: National Council of the Churches of Christ in the United States of America, New York, NY, Yearbook of Americancellern Churches, annual. (Copyright.)

#### CHRISTIAN CHURCH ADHERENTS, 1980, AND JEWISH POPULATION, 1986—STATES

toh adherents were defined as "all members, including full members, their children and the estimated number of other idparts who are not considered as communicant, confirmed or full members." Data on Christen church adherents are ports of 111 church bodies and esculade 18 church bodies that reported more than 100,000 members to the Yearbook rand Canadian Churchae (see table 77): African Methodiat Episcopal Church; Progressive National Baptist Convention, and Phintible Baptist Convention of America; and in Christ, International; Church of God in Christ; Jehovah's Winesses; United Pentecostal Church international; rail Catholic Church of America; General Association of Regular Baptist Churches; Free Will Baptists; Church of God in Christ, International; Progressive of Church of Jesus Christ of Latter Day Sents; Independent in Churches; Pentecostal Church of God of America; Inc.; and Westeyen Church. Data on Jevish popular of primarily on a compilation of individual estimates made by local Jevish tederations. Additionally, most large convex completed Jevish demographic surveys from which the Jevish population can be determined. For composition of 18g, I, reside tront cover.

	CHI	STIAN JRCH NTS, 1980	POPUI	WISH LATION, 286		CHL	ISTIAN URCH NTS, 1980	POPUL	VISH LATION, 186
ON, AND	Num- ber (1,000)	Percent of popula- tion 1	Num- ber (1,000)	Percent of popula- tion <sup>1</sup>	DIVISION AND STATE	Num- ber (1,000)	Percent of popula- tion <sup>1</sup>	Num- ber (1,000)	Percent of popula- tion <sup>1</sup>
	111,736	49.3	5,814	2.5	South Atlantic	16,247	44.0	903	2.3
					Delaware	238	40.1	10	1.6
				1.7 - 21	Maryland District of Columbia	1,673	39.7 47.6	203	3.9
	27,029	55.0	3,092	6.2	Viscinia	2,221	41.5	60	1.1
	31,204	53.0	657	1.1	Virginia West Virginia	772	39.6	4	1.1
	37,516	49.8	1,068	1.3	North Carolina	3,169	53.9	14	3
	15,986	37.0	997	2.1	South Carolina	1.603	51.3	8	1.0 4.7
	73.000				Georgia	2,560	46.9	60	1.0
	7.381	59.8	417	3.3	Florida	3,707	38.0	519	4.7
	461	41.0	9	.8	East South Central	8,079	55.1	45	
hire	407	44.2	7	.7	Kentucky	1,979	54.1	12	.3
		47.7	4	.7	Tennessee	2,485	54.1	20	. 4
otts		64.0	273	4.7	Alabama	2,230	57.3	10	3
d	710	75.0	18	1.8	Mississippi	1,385	54.9	3	-1
	1.890	60.8	107	3.4	West South Central	13,189	55.5	120	
lc	19,649	53.4	2,675	7.2	Arkansas	1,282	56.1 57.2	17	1
		48.7	1,911	10.8	Louisiana	1,751	57.9	6	
	3,923	53.3	421	5.6	Oklahoma Texas	7,752	54.5	95	1
a		60.5	343	2.9	( exas	1,152	34.5	90	
entral	20,969	50.3	532	1.3	Mountain	5,241	46.1	141	1.1
		49.1	138	1.3	Montana	348	44.2	(2)	
		44.6	20	4	Idaho	472	50.0	(Z) (Z) (Z) 48	1 3
		54.7	260	2.2	Wyoming		44.0	1 725	.1
	3,932	42.5	82	.9	Colorado	1,052	36.4	48	1.5
	3.029	64.4	31	.7	New Mexico	767	58.9	6	2
entral	10,235	59.6	126	.7	Arizona	1,065	39.2	64	2.1
-		64.9	31	.8	Utah	1,097	75.1	3	2.1
		61.1	7	.2	Nevada	233	29.1	19	2.1
		53.1	65	1.3	Pacific	10,745	33.8	856	2.4
ta		73.8	1	.1	Washington		30.9	23	
ta		66.9	3		Oregon	946 8,082	35.9 34.1	814	3.2
	990	63.1	7	4	Alaska	123	30.6		3.2
		53.4	15	6	Alaska	319	33.1	8	1 5
	1,202	53.4	10	.0	nawaii	319	33.1		

<sup>1</sup> Based on U.S. Bureau of the Census data for resident population enumerated as of April 1, 1990 and 500 of July 1986.

ristian church adherente.—B. Cuinn, H. Anderson, M. Bradley, P. Goetting, and P. Shriver, *Churches and Church Mem- United States 1980*, Glenmary Research Center, Atlanta, GA, 1982 (copyright); Jewish population.—American Jewish id the American Jewish Publication Society, New York, NY, *American Jewish Year Book, 1987* (copyright).

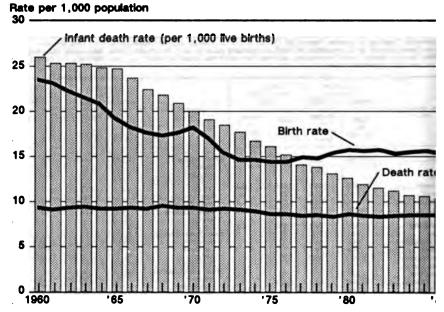
No. 80, NATIONAL NONPROFIT ASSOCIATIONS-NUMBER, BY TYPE: 1970 TO 1986

YPE	1970	1900	1900	1900	TYPE	1970	1980	1996	1996
es, commercial mental, public on, military		14,726 3,118 677 529 1,068	19,121 3,719 982 666 1,270	20,976 3,861 869 668 1,309	Public affairs	498 610 808 196 444 336	1,086 436 797 208 910 504	1,936 482 953 201 1,311 737	2,146 531 951 398 1,368 786
nd cultural		2,376 994 1,413	2,822 1,450 1,890	2,651 1,843 1,992	Labor unione	226 110 334	295 105 318	252 142 331	226 152 336

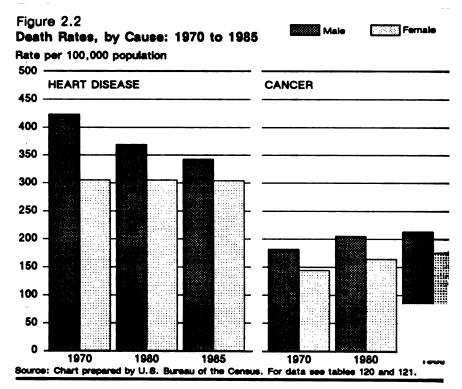
\* National and binational.

te Research Co., Detroit, Mt. Compiled from Encyclopedia of Associations, envest. (Copyright.)

Figure 2.1
Birth and Death Rates: 1960 to 1986



Source: Chart prepared by U.S. Bureau of the Census. For data see table 81.





### Section 2

### **Vital Statistics**

his section presents vital statistics—data on births; deaths; abortions; fetal deaths, including sirths; fertility; life expectancy; marriages; and divorces. Vital statistics are compiled for the ntry as a whole by the National Center for Health Statistics (NCHS) and published in its annual art, Vital Statistics of the United States, in certain reports of the Vital and Health Statistics as, and in the Monthly Vital Statistics Report. Reports in this field are also issued by the various is bureaus of vital statistics. Data on fertility, on age of persons at first marriage, and on marital us and marital history are compiled by the Bureau of the Census from its Current Population rey (CPS; see text, section 1) and published in Current Population Reports, series P-20. Data on ritions are published by the Alan Guttmacher Institute, New York, NY in selected issues of ally Planning Perspectives and by the U.S. Centers for Disease Control in the annual Abortion reliance Report—Legal Abortions.

egistration of vital events.—The registration of births, deaths, fetal deaths, and other vital nts in the United States is primarily a State and local function. The civil laws of every State ride for a continuous and permanent birth- and death-registration system. Many States also profor marriage- and divorce-registration systems. Vital events occurring to U.S. residents outside United States are not included in the data.

Irths and deaths.—The live-birth, death, and fetal- death statistics prepared by NCHS are ad on copies of vital records received from registration offices of all States, of New York City, of the District of Columbia. The annual collection of death statistics on a national basis began 900 with a national death-registration area of 10 States and the District of Columbia; a similar ual collection of birth statistics for a national birth-registration area began in 1915, also with 10 arting States and the District of Columbia. Since 1933, the birth- and death-registration areas a comprised the entire United States, including Alaska (beginning 1959) and Hawaii (beginning 0). National statistics on fetal deaths were first compiled for 1918 and annually since 1922.

rior to 1951, birth statistics came from a complete count of records received in the Public lith Service (now received in NCHS). From 1951 through 1971, they were based on a 50-pert sample of all registered births (except for a complete count in 1955 and a 20- to 50-percent spie in 1967). Beginning in 1972, they have been based on a complete count for States in the sperative Health Statistics System (for details, see the technical appendix in Vital Statistics of United States) and on a 50-percent sample of all other areas. Mortality data have been based a complete count of records for each area (except for a 50-percent sample in 1972). Beginning 970, births to, and deaths of nonresident aliens of the United States and U.S. citizens outside United States have been excluded from the data. Fetal deaths and deaths among Armed ces abroad are excluded. Data based on samples are subject to sampling error; for details, see usel issues of Vital Statistics of the United States.

lortality statistics by cause of death are compiled in accordance with World Health Organization ulations according to the International Classification of Diseases (ICD). The ICD is revised applications according to the ICD was employed beginning in 1979. Deaths prior years were classified according to the revision of the ICD in use at the time. Each revision he ICD introduces a number of discontinuities in mortality statistics; for a discussion of those ween the eighth and ninth revisions of the ICD, see Monthly Vital Statistics Report, vol. 28, No. supplement.

ome of the tables present age-adjusted death rates in addition to crude death rates. Age adjustdeath rates shown in this section were prepared using the direct method, in which age-specific th rates for a population of interest are applied to a standard population distributed by age. Age astment eliminates the differences in observed rates between points in time or among compared ulation groups that result from age differences in population composition.

sportions.—The U.S. Centers for Disease Control (CDC) collects data on abortions annually n States which have a central health agency with a statewide reporting system. The Alan Gutt-

macher Institute, New York, NY also issues data on the number of abortions based on its own surveys of hospitals and physicians. The Guttmacher Institute also publishes data on the characteristics of abortions after adjusting CDC data for changes in the number of States reporting each year.

Fertility and life expectancy.—The total fertility rate, defined as the number of births that 1,000 women would have in their lifetime if, at each year of age, they experienced the birth rates occurring in the specified year, is compiled and published by NCHS. Other data relating to social and medical factors which affect fertility rates, such as contraceptive use and birth expectations, are collected and made available by both NCHS and the Bureau of the Census. NCHS figures are based on information in birth and fetal death certificates and on the periodic National Surveys of Family Growth; Bureau of the Census data are based on decennial censuses and the CPS.

Data on life expectancy, the average remaining lifetime in years for persons who attain a given age, are computed and published by NCHS. For details, see the technical appendix in *Vital Statistics of the United States*.

Marriage and divorce.—The compilation of nationwide statistics on marriages and divorces in the United States began in 1887-1888 when the National Office of Vital Statistics prepared estimates for the years 1887-1888. Although periodic updates took place after 1888, marriage and divorce statistics were not collected and published annually until 1944 by that Office. In 1957 and 1958, respectively, the same Office established marriage- and divorce-registration areas. Beginning in 1957, the marriage-registration area comprised 30 States, plus Alaska, Hawaii, Puerto Rico, and the Virgin Islands; it currently includes 42 States and the District of Columbia. The divorce- registration area, starting in 1958 with 14 States, Alaska, Hawaii, and the Virgin Islands, currently includes a total of 31 States and the Virgin Islands. Procedures for estimating the number of marriages and divorces in the registration States are discussed in Vital Statistics of the United States, Vol. III—Marriage and Divorce. Total counts of events for registration and nonregistration States are gathered by collecting already summarized data on marriages and divorces reported by State offices of vital statistics and by county offices of registration.

Another important source of data on marriage and divorce trends in the United States is the March supplement to the Current Population Survey conducted by the Bureau of the Census. For information on marital status, see section 1.

Vital statistics rates.—Except as noted, vital statistics rates computed by NCHS are based on decennial census population figures as of April 1 for 1940, 1950, 1960, 1970, and 1980; and on midyear population figures for other years, as estimated by the Bureau of the Census (see text, section 1).

Race.—Data by race for births, deaths, marriages, and divorces from NCHS are based on information contained in the certificates of registration. The Census Bureau's Current Population Survey obtains information on race by asking respondents to classify their race as 1) White, 2) Black, 3 American Indian, Eskimo, or Aleut, or 4) Asian or Pacific Islander.

Statistical reliability.—For discussion of statistical collection, estimation, and sampling procedures, and measures of statistical reliability applicable to Census Bureau and NCHS data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross- references, where applicable, to *Histor* cal Statistics of the United States, Colonial Times to 1970. See Appendix IV.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSA may also be found in *State and Metropolitan Area Data Book 1986*. For cross-references, see Appendix V.

### No. 81. LIVE BIRTHS, DEATHS, MARRIAGES, AND DIVORCES: 1910 TO 1986

 excludes Alaska and Hewall. Figures for deaths and death rates for 1910-1830 are for death-registration States sing 1970, excludes births to, and deaths of, nonresidents of the U.S. See Appendix III. See also Historical Statistics, lines to 1970, series B 1-5, B 142, B 167, B 214, and B 216.

		NU	MBER (1	,000)			TATE PER	1,000	POPULATIO	N
YEAR		Dec	uthe				Dec	dhe	Ī	
	Birthe 1	Total	in- fent *	rieges *	volcee 4	Births <sup>1</sup>	Total	in- tent *	Mer- rieges *	volces ,
	2,777	697	(NA)	948	63	30.1	14.7	(NA)	10.3	.9
	2,965	916	78	1,008	104	29.5	13.2	99.9	10.0	1.0
	2,960	1,116	130	1,274	171	27.7	13.0	85.8	12.0	1.6
	2,909	1,192	135	1,188	175	25.1	11.7	71.7	10.3	1.5
	2,618	1,327	142	1,127	196	21.3	11.3	64.6	9.2	1.6
	2,377	1,393	120	1,327	218	18.7	10.0	56.7	10.4	1.7
	2,559	1,417	111	1,596	264	19.4	10.8	47.0	12.1	2.0
	2,559	1,402	105	1,613	498	20.4	10.6	36.3	12.2	3.5
	3,632	1,452	104	1,667	386	24.1	9.6	29.2	11.1	2.6
	4,097	1,529	107	1,531	377	25.0	9.3	26.4	9.3	2.3
	4,300	1,633	112	1,518	381	25.3	9.6	25.3	8.9	2.2
	4,258	1,712	111	1,523	393	23.7	9.5	26.0	8.5	2.2
	3,760	1,828	93	1,890	479	19.4	9.4	24.7	9.3	2.5
	3,606	1,383	88	1,867	498	18.4	9.5	23.7	9.5	2.5
	3,521	1,851	79	1,927	523	17.8	9.4	22.4	9.7	2.6
	3,502	1,830	78	2,089	584	17.8	9.7	21.8	10.4	2.9
	3,600	1,922	75	2,145	639	17.9	9.5	20.7	10.6	3.2
	3,731	1,921	75	2,159	708	18.4	9.5	20.0	10.6	3.5
	3,556	1,828	68	2,190	773	17.2	9.3	19.1	10.8	3.7
	3,258	1,964	60	2,262	845	15.6	9.4	18.5	10.9	4.6
	3,137	1,973	56	2,264	915	14.6	9.3	17.7	10.8	4.3
	3,160	1,964	53	2,230	977	14.8	9.1	16.7	10.5	4.6
	3,144	1,893	51	2,153	1,036	14.6	8.9	16.1	10.0	4.6
	3,186	1,909	48	2,155	1,063	14.6	8.8	15.2	9.9	5.0
	3,327	1,900	47	2,178	1,091	15.1	8.6	14.1	9.9	5.0
	3,333	1,928	48	2,282	1,130	15.0	8.7	13.8	10.3	5.1
	3,494	1,914	48	2,331	1,181	15.6	8.5	13.1	10.4	5.3
	3,612 3,629 3,639 3,639 3,761 3,731	1,900 1,978 1,975 2,019 2,039 2,066 2,039	48 43 42 41 40 40	2,390 2,422 2,456 2,446 2,477 2,425 2,400	1,189 1,213 1,170 1,156 1,188 * 1,167 1,159	15.9 15.6 15.9 15.5 15.5 15.8 15.8	8.8 8.5 8.8 8.8 8.8 8.7	12.6 11.9 11.5 11.2 10.6 10.8	10.6 10.8 10.8 10.5 10.5 10.2	5.2 5.3 5.0 4.9 5.0 • 5.0

sealable. <sup>1</sup> Through 1957, adjusted for underregistration. <sup>2</sup> Infants under 1 year, excluding fetal deaths; rates gistered live births. <sup>2</sup> includes estimates for some States through 1889 and also for 1976 and 1977 and marriage some States for all years except 1973 and 1975. Beginning 1978, includes nonlicensed marriages in California reported annulments and some estimated State figures for all years. <sup>3</sup> Prefilminary.

### 82. TOTAL FERTILITY RATE AND INTRINSIC RATE OF NATURAL INCREASE: 1940 TO 1985

asks prior to 1959 and Hewaii prior to 1990. Prior to 1990, based on births adjusted for underregistration; thereefler, births only. Beginning 1970, excludes births to nonresidents of United States. The *total fertility rate* is the number of 1,000 women would have in their litetime if, at each year of age, they experienced the birth rates occurring in the ear. A total fertility rate of 2,110 represents "replacement level" fertility for the total population under current mortality (assuming no not immigration). The *intrinsic rate of natural increase* is the rate that would eventually prevail if a were to experience, at each year of age, the birth rates and death rates occurring in the specified year and if those aired unchanged over a long period of time. Minus sign (—) indicates decrease. See also Appendix III, and Historical Colonial Times to 1970, series B 11]

TOTAL	FERTILITY	RATE		NSIC RAT RAL INCR		:	TOTAL	PERTILITY	RATE		NSIC RAT	
Total	White	Black and other	Total	White	Black and other	YEAR	Total	White	Black and other	Total	White	Black and other
2,523 2,985	2,460 2,916	3,010 3,485	4.6 11.7	3.9 10.9	9.8 17.2	1971 1972	2,267 2,010	2,161 1,907	2,920 2,626	2.6 -2.0	.8 -3.9	12.0
3,337	3,221	4,185	16.6	15.4	25.7	1973	1,879	1,783	2,444	-4.5	-6.5	5.
3,690 3,449	3,549 3,326	4,716 4,326	21.1	19.5 17.1	30.7 27.7	1974 1975	1,835 1,774	1,749	2,339	-5.4 -8.7	-7.2 -8.8	4.0 3.0
3,449	3,320	4,320	18.6	''.'	21.1	19/5	1,//4	1,686	2,2/0	-0.7	-0.5	J 3.
2,622	2,512	3,362	8.2	6.4	18.6	1976	1,738	1,652	2,223	-7.4	-9.3	2.
2,094	1,997	2,690	7	-2.5	9.1	1977	1,790	1,703	2,278	-6.2	-8.1	3.
1,774	1,685	2,270	-6.6	-8.5	3.0	1978	1,760	1,656	2,264	-8.8	-8.8	2.
1,819	1,731	2,262	- 5.4	-7.3	3.0	1979	1,808	1,715	2,310	-5.7	-7.7	3.
						1980	1,840	1,749	2,323	-5.1	-7.0	4.9
2,913 2,721	2,783 2,603	3,808 3,532	12.1 9.7	10.3 7.9	23.1	1961	1.815	1,726	2,275	-5.5	-7.4	3.
2,558	2,447	3,532	7.4	5.6	18.2	4000	1,629	1.742	2,264	-5.2	-7.0	3.
2,464	2,366	3,108	5.9	4.2	16.0	1983	1,803	1,718	2 225	-5.7	-7.5	2.
2,456	2,360	3.081	5.7	4.1	15.4	1994	1,806	1,719	2,225 2,224	-5.6	-7.4	2
2,480	2,385	3,087	6.0	4.5	14.4	1985	1,842	1,754	2.263	-4.8	-8.6	3.

I.S. National Center for Health Statistics, Vital Statistics of the United States, surveix, and unpublished date.

<sup>.</sup>S. National Center for Health Statistics, Vital Statistics of the United States, annual; and unpublished data.

### Vital Statistics

#### No. 83. BIRTHS AND BIRTH RATES: 1960 TO 1985

[Births in thousands, except as indicated. Beginning 1970, excludes births to nonrecidents of U.S. For population bases used to derive those data, see text, section 2. See Appendix III. Minus sign (-) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series B J. B 5-10, and B 12-20)

ITEM	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985
Live births 1	4,258 .8	3,760 -2.5	3,731	3,144 -3.4	3,333 2.0	3,494 4.8	3,612 3,4	3,629 .5	3,681	3,639	3,669	3,761
WhiteBlack	3,601 602	3,124 581	3,091 572	2,552 512	2,681 552	2,808 578	2,899 590	2,909 588	2,942 593	2,904 586	2,924 593	2,991
Male Female Males per 100 females	2,180 2,078 104.9	1,927 1,833 105.1	1,915 1,816 105.5	1,613 1,531 105.4	1,709 1,624 105.3	1,791 1,703 105.2	1,853 1,760 105.3	1,860 1,769 105.2	1,886 1,795 105.1	1,866 1,773 105.2	1,879 1,790 105.0	1,928 1,833 105.2
Age of mother: Under 20 years 20-24 years 25-29 years 30-34 years 35-39 years 40 years or more	1,427 1,093 688 360	599 1,337 926 529 283 86	656 1,419 995 428 180 53	595 1,094 937 376 115 28	554 1,140 1,015 474 126 24	560 1,189 1,069 517 135 24	562 1,226 1,108 550 141 24	537 1,212 1,128 581 146 25	524 1,206 1,152 605 168 26	499 1,160 1,148 625 180 27	480 1,142 1,166 658 196 28	478 1,141 1,201 696 214 29
Birth rate per 1,000 population	23.7	19.4	18.4	14.6	15.0	15.6	15.9	15.8	15.9	15.5	15.5	15.8
White		18.3 27.7	17.4 25.3	13.6 20.7	14.0 21.3	14.5 22.0	14.9 22.1	14.8 21.6	14.9 21.4	14.6 20.9	14.5 20.8	14.8
Male	24.7 22.8	20.3 18.6	19.4 17.4	15.4 13.8	15.8 14.2	16.4 14.8	16.8	16.7	16.7 15.1	16.4	16.3	16.6
Plural birth ratio <sup>a</sup>	20.4 19.3	20.1 19.0 (NA)	4 18.1 4 17.3 4 22.8	19.2 18.5 23.1	19.6 18.8 24.2	19.5 18.6 24.2	19,3 18,5 24,1	19.7 18.8 24.7	19.9 19.2 24.1	20.3 19.6 24.5	20.3 19.8 24.2	21.0 20.4 25.3
Birth rate per 1,000 women 5	118.0	96.6	87.9	66.0	65.5	67.2	68,4	67.4	67.3	65.8	65.4	66.2
White 5		91.4 133.2	84.1 115,4	62.5 87.9	61.7 86.7	63.4 88.3	64.7 88.1	63.9 85.4	63.9 84.1	62.4 81.7	62.2 81.4	63.0 82.2
Age of mother: 10-14 years 15-19 years 20-24 years 25-29 years 30-34 years 35-39 years 40-44 years 45-49 years	89.1 258.1 197.4 112.7 56.2 15.5	.8 70.5 195.3 161.6 94.4 46.2 12.8	1.2 68.3 167.8 145.1 73.3 31.7 8.1	1.3 55.6 113.0 108.2 52.3 19.5 4.6	1.2 51.5 109.9 108.5 57.8 19.0 3.9	1.2 52.3 112.8 111.4 60.3 19.5 3.9	1.1 53.0 115.1 112.9 61.9 19.8 3.9	1.1 52.7 111.8 112.0 61.4 20.0 3.8	1.1 52.9 111.3 111.0 64.2 21.1 3.9	1.1 51.7 108.3 108.7 64.6 22.1 3.8	1.2 50.9 107.3 108.3 66.5 22.8 3.9	1.2 51.3 108.9 110.5 68.5 23.9 4.0

NA Not available. Includes other races, not shown separately.

Por 1990, change from 1955. Per 1,000 live births. 1971. Per 1,000 women, 15-44 years old in specified group. Rate computed by relating births to mothers 45 years old and over to women 45 to 49 years old.

Source: U.S. Netional Center for Health Statistics, Vital Statistics of the United States, annual; and unpublished data

### No. 84. BIRTH RATES, BY LIVE-BIRTH ORDER AND RACE: 1960 TO 1985

[Births per 1,000 women 15-46 years old in specified racial group. Live-birth order refers to number of children born allw Figures for births of order not stated are distributed. See also headnote, table 83, and Historical Statistics, Colonial Times I 1970, series B 20-27]

		AL	L RACE	5 1				WHITE					BLACK		
LIVE-BIRTH ORDER	1960	1970	1980	1984	1985	1960	1970	1980	1984	1985	1960	1970	1980	1984	19
Total	118.0	87.9	68.4	65.4	66.2	113.2	84.1	64.7	62.2	63.0	153.5	115.4	88.1	81.4	8:
First birth	31.1 29.2 22.8 14.6 8.3 7.6 4.3	34.2 24.2 13.6 7.2 3.8 3.2 1.8	29.5 21.8 10.3 3.9 1.5 1.0	27.4 21.7 10.1 3.7 1.4 .9	27.6 22.0 10.4 3.8 1.4 .8	30.8 29.2 22.7 14.1 7.5 6.1 2.8	32.9 23.7 13.3 6.8 3.4 2.7 1.2	28.4 21.0 9.5 3.4 1.3 .8	26.4 21.1 9.4 3.2 1.1 .7	26.5 21.4 9.7 3.3 1.1 .7	33.6 29.3 24.0 18.6 14.1 18.4 15.6	43.3 27.1 16.1 10.0 6.4 7.0 5.6	35.2 25.7 14.5 6.7 3.0 2.1	32.2 24.1 13.7 6.3 2.7 1.8	3: 2: 1

1 includes other races not shown separately.

Source: U.S. National Center for Health Statistics, Vital Statistics of the United States, annual; and unpublished d

### NO. 85. LIVE BIRTHS-NUMBER AND RATE, BY STATE: 1970 TO 1986

td births. Excludes births to nonresidents of the U.S., except as noted. See Appendix III. For composition of regions, see fig. I, inside front cover]

			- 0	NUMBE	A (1,00	00)				A	ATE P	R 1,00	00 POP	ULATIO	N S	
DIVISION, AND		By	State o	f resid	ence			tate of rence 1		By S	State o	f resid	ence			tate of rence
	1970	1975	1980	1983	1984	1985	1985	1986 1	1970	1975	1980	1983	1984	1985	1985	1986
	3,731	3,144	3,612	3,639	3,669	3,761	3,765	13,731	18.4	14.6	15.9	15.5	15.5	15.8	15.8	* 15.5
st	831	625	656	674	682	705	705	700	16.9	12.6	13.4	13.6	13.7	14.1	14.1	14.0
**************************************	1,038 1,208 654	855 1,062 602	956 1,232 768	900 1,256 809	901	909	1,306	1,303	18.4 19.2	14.8 15.3	16.2 16.4	15.3 15.8	15.3 15.7	15.3 15.9	15.3 15.9	14.9
and	200	148	162	168	172	179	180	831 170	18.8	15,6	17.8	17.6	17.5	17.7	17.7	17.0
mpshire	18	15	16	17	17	17	16	16 16	17.9 17.9	14.2	14.6	14.6	14.5 14.6	14.5 15.5	13.9 15.3	13.6
husettssland	95 16	68 11	73 12	76 13	78 13	82 13	83	76	18.8	11.9	15.4	15.2	15.1	15.0	14,6	13.9
licut	50	36	39	41	42	44	14	14 41	16.5 16.7	11.6	12.9 12.5	13.2	13.2	13.5 13.9	14.1 13.8	14.3
lantic	318	477 236	495 239	506 249	509 251	526 259	525 260	530 265	16.9 17.4	12.8 13.1	13.4 13.6	13.7	13.7	14.1	14.1	14.5
vania	120	92 149	159	99 158	101 157	106	102 162	105 160	16.8 16.3	12.5 12.5	13.2	13.3	13.5 13.2	14.0 13.5	13.5	13.7
h Central	754 200	159	169	624 159	627 159	634 160	161	619 158	18.7 18.7	14.8	16.0 15.7	15.0 14.8	15.1 14.8	15.2 14.9	15.1 15.0	14.7
*****************	99 205 172	169	190	179 133	179	181	177	80 172	19.1 18.5	15.4	16.1	14.8	14.6 15.6	14.7	14.7 15.4	14.5
in	78	134 65	146 75	73	136 73	138 74	137 73	136 72	19.4 17.6	14.7	15.7 15.9	14.7	15.0 15.4	15.2 15.4	15.0 15.3	14.9
th Central	284 68 48	246 56	288 68	276 66	274 67	275 67	277 68	266 65	17.4	14.7	16.6	15.8 15.8	15.7 16.0	15.6 16.1	15.8 16.1	15.4
akota	81 11	69 11	48 79 12	43 76 12	42 75 12	41 77 12	42 79 13	39 76 12	17.1 17.3 17.6	14.4 14.3 16.6	16.4 16.1 18.4	14.9 15.2 18.2	14.6 14.9 17.2	14.3	14.5 15.6 18.6	13.6 15.0 17.5
akota	12 26	11	13	13	12 26	12 26	12 26	12 24	17.0	16.5	19.2	17.9	17.7	17.1 17.1 15.9	17.0	16.5
antic	38 574	34 482	41 547	40 563	40 576	40 599	39 601	38 607	17.0	14.9	17.2	16.7	16,4	16.2	15.7	15.5
9d	11 69	8 53	9 60	9 64	9 65	10	10	10 62	19.2	14.0	15.8	15.2	15.1 15.0	15.5 15.5	15.9	15.4
of Columbia	15 86	10	78	81	10 83	10	20 83	20 84 24	20.1	13.7	14.7	15.0	15.5	15.8	32.0	32.5
rginiaarolina	31 98	28 81	29 84 52	26 84	25 86	24 89	25 90	91	17.8 19.3	15.3 14.6	15.1	13.2	12.6	12.5	13.0	12.6
arolina	52 97 115	80 106	92 132	51 90	51 92	52 96	50 98	50 99	20.1	16.1 15.8	16.6 16.9	15.6 15.7	15.3 15.8	15.6	14.8	14.7
h Central	248	219	240	149	155 221	164 223	164	167 222	16.9	12.4	13.5	13.9	14.1	14.4	14,4	14.5
y	60 72 67	55 62	60 69 64	55 65	53 65	53 67	52 72	52 72	18.7 18.4	15.8 14.6	16.3	14.7	14.3 13.8	14.2	13.9 15.0	13.9
ppi	49	58 44	48	59 44	59 44	60 43	59 43	56 42	19.4 22.1	15.8 18.3	16.3 19.0	14.9	14.8 16.9	14.9 16.6	14.6	13.9
th Central	386 35 74	361	445 37	470 35	470 35	478 35	481 35	475 34 78	20.0 18.5	16.9	18.7 16.3	18.2 15.1	17.9	18.0	18.1 14.6	17.7
na	45 231	68 43 216	82 52 274	83 57 295	81 54 299	81 53 308	82 52 313	48 315	20.4 17.5 20.6	17.5 15.4 17.2	19.5 17.2 19.2	18.6 17.2 18.7	18.3 16.5 18.6	18.2 16.1 18.8	18.2 15.7 19.1	17.3 14.5 18.9
	172	177	226	233	232	235	235	230	20.7	17.9	19.9	18.9	18.4	18.4	18.4	17.7
	13 14 7	16	14 20 11	14 19 10	14 18 10	13 18	13	12 16	18.2 20.3	16.1	18.1	17.3	17.2	16.4	16.0	15.1
o	42 22	40	50 26	55 28	54 27	55 28	9 55 27	56 24	19.6 18.8 21.8	18.3 15.5 18.1	22.5 17.2 20.0	19.9 17.4 19.7	19.0 17.0 19.2	18.4 17.0 19.1	17.2 17.1 18.8	15.8 17.1 16.2
	38	40 32	50 42	54 39	55 38	59 37	59 38	61	21.3	17.3	18.4 28.6	18.1	17.9	18.6	18.6	18.4
har-1	10	9 425	13	14 576	15	15 612	15 612	601	19.6	14.6	16.6	16.0	16.1	16.4	16.2	15,8
gton	61	51 33	68	69	69	70	69	69	17.8 16.8	14.0	16.4 16.4	16.0 15.0	15.8 14.8	15.9	15.7 15.2	15.4
<b>a</b>	363	317	403	436	448	471	471	461 12	18.2	14.7	17.0	17.3	17.4	17.9	17.9	17.1
	16	16	18	19	19	18	18	18	21.4	17.8	18.8	18.8	18.0	17.4	17.4	17.2

es births to nonresidents. 

Provisional. 

Besed on population (excluding Armed Forces abroad) enumerated as of 1970 and 1980, and estimated as of July 1 for other years.

1.3. totals are based on monthly receipts corrected for differences between provisional and final monthly figures. State figures have not been corrected in this manner.

U.S. National Center for Health Statistics, Vital Statistics of the United States, annual; and Monthly Vital Statistics

### No. 86. LIVE BIRTHS BY RACE AND TYPE OF HISPANIC ORIGIN—SELECTED CHARACTERISTICS: 1985

[Represents registered births. Excludes births to nonresidents of the U.S. Data are available on race of mother from all States, but data on Hispanic origin of mother are available from only 23 States and the District of Columbia. However, approximately 90 percent of all births to Hispanic mothers occur to residents of these 23 States. See Appendix III]

	Number of	Births to teenage	Births to unmarried	BEGINNING PR	F MOTHERS ENATAL CARE NG-	Percent of births with
RACE AND HISPANIC ORIGIN	births (1,000)	mothers, percent of total	mothers, percent of total	First trimester	Third trimester or no care	low birth weight <sup>1</sup>
Total	3,761	12.7	22.0	76.2	5.7	6.8
White	2,991	10.8	14.5	79.4	4.7	5.6
Black	608	23.0	60.1	61.8	10.0	12.4
American Indian	43	19.1	40.7	60.3	11.5	5.9
Asian and Pacific Islander 2	116	5.5	10.1	75.0	6.1	6.1
Filipino		5.8	12.1	77.2	4.6	6.9
Chinese	18	1.1	3.7	82.4	4.2	5.0
Japanese	10	2.9	7.9	85.8	2.6	5.9
Hispanic origin <sup>3</sup>	373	16.5	29.5	61.2	12.5	6.2
Mexican		17.5	25.7	59.9	12.9	5.8
Puerto Rican		20.9	51.1	58.3	15.5	8.7
Cuban	10	7.1	16.1	72.5	3.7	6.0

<sup>&</sup>lt;sup>1</sup> Births less than 2,500 grams (5 lb.-8 oz.). race. Includes other types, not shown separately

Source: U.S. National Center for Health Statistics, unpublished data.

#### No. 87. BIRTHS TO UNMARRIED WOMEN, BY RACE AND AGE OF MOTHER: 1960 TO 1965

[Beginning 1970, excludes births to nonresidents of U.S. Data for 1960-79 include estimates for States in which marital status data were not reported. Beginning in 1960, marital status is inferred from a comparison of the child's and parents' surnames on the birth certificate for those States that do not report on marital status. No estimates included for miestatements on birth records or failures to register births. See also Appendix III and Historical Statistics, Colonial Times to 1970, series B 28-35]

RACE AND AGE OF MOTHER	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985
NUMBER (1,000)		100				1.4							
Total live births 1	224.3	291.2	398.7	447.9	515.7	543.9	597.8	665.7	686.6	715.2	737.9	770.4	828.2
White	82.5	123.7	175.1	186.4	220.1	233.6	263.0	320.1	337.1	355.2	370.9	391.9	433.0
Black	(NA)	(NA)	215.1	249.6	281.6	293.4	315.8	325.7	328.9	335.9	341.1	350.9	365.5
Under 15 years	4.6	6.1	9.5	11.0	10.1	9.4	9.5	9.0	8.6	8.7	8.8	9.1	9.4
15-19 years		123.1	190.4	222.5	239.7	239.7	253.2	262.8	259.2	260.6	261.3	261.1	270.8
20-24 years		90.7	126.7	134.0	168.6	186.5	210.1	237.3	246.9	257.5	265.6	279.2	300.4
25-29 years		36.8	40.6	50.2	62.4	70.0	80.6	99.6	109.2	119.0	126.5	137.0	152.0
30-34 years		19.6	19.1	19.8	23.7	26.5	31.3	41.0	45.3	49.6	53.9	59.3	67.3
35 years and over	13.6	15.1	12.4	10.4	11.1	11.7	13.1	16,1	17.4	19.9	21.8	24.8	28.2
PERCENT DISTRIBUTION				1000	100	1			100	100	100	900	100
Total 1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White		42.5	43.9	41.6	42.7	42.9	44.0	48.1	49.1	49.7	50.3	50.9	52.
Black		(NA)	54.0	55.7	54.6	53.9	52.8	48.9	47.9	46.9	46.2	45.5	44.
Under 15 years	2.1	2.1	2.4	2.5	2.0	1.7	1.6	1.4	1.3	1.2	1.2	1.2	1.
15-19 years	38.8	42.3	47.8	49.7	46.5	44.1	42.4	39.5	37.8	36.4	35.4	33.9	32
20-24 years		31.1	31.8	29.9	32.7	34.3	35.1	35.6	36.0	36.0	36.0	36.2	36
25-29 years		12.6	10.2	11.2	12.1	12.9	13.5	15.0	15.9	16.6	17.1	17.B	18
30-34 years	8.4	6.7	4.8	4.4	4.6	4.9	5.2	6.2	6.6	6.9	7.3	7.7	8
35 years and over	6.1	5.2	3.1	2.3	2.2	2.2	2.2	2.4	2.5	2.8	3.0	3.2	3
BIRTHS TO UNMARRIED WOMEN AS PERCENT OF ALL BIRTHS IN RACIAL GROUPS		-		-		-	1						
Total 1	5.3	7.7	10.7	14.2	15.5	16.3	17.1	18.4	18.9	19.4	20.3	21.0	25
White		4.0	5.7	7.3	8.2	8.7	9.4	11.0	11.6	12.1	12.8	13.4	11/
Black		(NA)	37.6	48.8	51.7	53.2	54.7	55.2	56.0	56.7	58.2	59.2	6
BIRTH RATE #	1	0-4	27.10		200		-	-			1	-	10
Total 1 5	21.6	23.5	26.4	24.5	25.6	25.7	27.2	29.4	29.6	30.0	30.4	31.0	3
White 3		11.6	13.8	12.4	13.5	13.7	14.9	17.6	18.2	18.8	19.3	20.1	2
Black 3		(NA)	95.5	84.2	82.6	81.1	83.0	81.4	81.4	79.6	77.7	76.8	1 7
	1	16.7	22.4	23.9	25.1	24.9	26.4	27.6	28.2	28.9	29.7	30.2	2
15-19 years		39.9	38.4	31.2	34.0	35.3	37.7	40.9	40.9	41.4	42.0	43.2	1 5
20-24 years		49.3	37.0	27.5	27.7	28.5	29.9		34.7	35.1	35.6	37.0	17
25-29 years								34.0					1.5
30-34 years	27.8	37.5	27.1	17.9	16.9	16.9	17.7	21,1	20.8	21.9	22.3	23.2	11

NA Not available. Includes other races not shown separately. Rate per 1,000 unmerried women (never-mar widowed, and divorced) estimated as of July 1. Covers women aged 15–44 years.

Source: U.S. National Center for Health Statistics, Vital Statistics of the United States, annual; and unpublished data,

<sup>&</sup>lt;sup>2</sup> Includes races not shown separately. <sup>3</sup> Hispanic persons may be of any

### NO. 88. LIVE BIRTHS, BY PLACE OF DELIVERY; MEDIAN AND LOW-BIRTH WEIGHT; AND PRENATAL CARE: 1960 TO 1985

[Represents registered births. Beginning 1970, excludes births to nonresidents of the U.S. For total number of births, see table 81. See Appendix III]

	BIRTHS /	ATTEMDED	(1,000)	ME	DIAN BIRTH WE	GHT		NT OF BE		PERCE	
		Not in t	rospital					VEIGHT 4		PERIOD I	N WHICH
YEAR	In hospi- tal <sup>1</sup>	Physi- cian	Mid- wife and other *	Total <sup>a</sup>	White	Black	Total <sup>2</sup>	White	Black	1st trimes- ter	3rd trimes- ter or no prens- tal care
1830	4,114 3,661 3,708 3,134 3,105 3,124 3,278 3,301 3,480 3,576 3,592 3,642 3,600 3,631 3,722	49 33 5 11 11 12 13 12 12 12 11 10 10	94 68 18 16 28 32 36 21 22 24 27 28 29 26	7 lb4 oz	7 lb5 oz	6 b15 cz.* 6 b14 cz.* 6 b14 cz.* 6 b14 cz.* 6 b15 cz. 6 b15 cz. 6 b15 cz. 6 b15 cz. 6 b15 cz. 7 b0 cz. 7 b0 cz. 7 b0 cz. 7 b0 cz. 7 b0 cz. 7 b0 cz.	8.3 7.9 7.4 7.3 7.1 6.9 6.8 6.8 6.8 6.8	6.8 7.2 6.3 6.3 6.1 5.9 5.9 5.7 5.7 5.6 5.7	12.8 13.8 13.9 13.1 13.1 13.0 12.8 12.9 12.5 12.5 12.4 12.6 12.4	(MA) (MA) 72.4 73.5 74.1 74.9 75.9 76.3 76.1 76.2 76.5 76.5	(MA) (MA) 7.9 (MA) 8.0 5.7 5.4 5.1 5.1 5.1 5.2 5.5 5.6 5.6 5.7

NA Not available. 

1 Includes all births in hospitals or institutions and in clinics. 

2 Includes other races not shown separately.

4 Through 1978, births of 2,500 grams (5 lb.-8 oz.) or less at birth; sereafter, less than 2,500 grams.

Black and other races.

Source: U.S. National Center for Health Statistics, Vital Statistics of the United States, annual; and unpublished data.

No. 89. LOW BIRTH WEIGHT AND BIRTHS TO TEENAGE MOTHERS AND TO UNMARRIED WOMEN— STATES: 1960 AND 1985

[Represents registered births. Excludes births to nonresidents of the U.S. Based on 100 percent of births in 48 States and on a 50-percent sample of births in 4 States and the District of Columbia. See Appendix III]

DIVISION AND STATE	BIRTHS WITH LOW BIRTH WEIGHT 1		BIRTHS TO BIRTHS UNMARR MOTHERS, PERCENT OF TOTAL TOTAL		MEN, ENT OF	DIVISION AND STATE	BIR	NT OF THS LOW ITH SHT 1	MOTH	HERS,	UNMA WO! PERCE	RRIED MEN, ENT OF	
	1980	1985	1980	1985	1980	1985		1980	1985	1980	1985	1980	1985
U.S	6.8	6.8	15.6	12.7	18.4	22.0	So. Att.—Con.	1	707	1	.74	15	Tool.
N. Eng		5.9	11.6	9.2	15.5	18.6	VA	7.5	7.0	15.5	12.2	19.2	21.4
ME		5.1	15.3	11.7	13.9	17.8	WV	6.7	6.9	20.1	17.1	13.1	17.4
NH	200	5.0	10.7	8.3	11.0	13.4	NC	7.9	7.9	19.2	16.0	19.0	22.1
VT		6.0	13.0	9.8	13.7	17.1	SC	8.6	8.6	19.8	17.0	23.0	26.4
MA		5.8	10.7	8.5	15.7	18.4	GA		7.5	18.2	13.9	23.2	25.8
RI	-	6.3	12.3	10.8	15.7	19.6	FL	1	7.5	10.2	13.8	23,0	25.0
CT		6.6	11.4	9.2	2 17.9	2 21.3	E. So. Cent	7.8	7.9	21.0	18.2	20.9	24.8
	0.50	0.0	11.74	9.2	14.5	21.0	KY	6.8	7.0	21.1	17.6	15.1	18.5
Mid. Atl	7.1	6.8	12.6	10.4	21.3	25.3	TN		7.9	19.9	17.1	19.9	24.3
NY	7.4	7.0	11.8	10.0	£ 23.8	28.1	AL	7.9	8.0	20.6	17.9	22.2	24.9
NJ		6.8	12.3	9.8	21.1	22.3	MS	8.7	8.8	23.2	20.8	28.0	32.9
PA	6.5	6.6	13.9	11.5	17.7	22.8	W. So. Cent	7.3	7.2	19.1	16.0	15.8	19.0
	22	2.2	14.1	11000	1	44.3	AR,		8.0	21.6	19.2	20.5	22.4
E. No. Cent		6.6	15.2	12.6	18.0	21.4	LA	8.6	8.7	20.1	17.3	23.4	28.6
OH		6.6	15.7	13.3	2 17.8	21.B	OK	6.8	6.4	19.6	15.8	14.0	17.2
IN		6.4	17.3	14.1	15.5	19.8	TX	6.9	6.8	18.3	15.3	113.3	3 16.4
L		7.2	15.7	12.5	22.5	25.7		1.00					
Missonsono	6.9	6.8	14.0	12.1	º 16.2	* 18.1	MI roundamentum		6.6	14.3	11.7	12.7	17.7
William	5.4	5.3	12.3	10.2	13.9	18.1	MT		5.7	12.4	10.5	12.5	16.8
W. No. Cent.	5.7	5.7	13.5	10.3	13.1	16.6	ID		7.1	15.5	11.6	8.2	13.3
MN		4.8	10.4	7.5	11.4	15.1	CO		7.7	13.3	10.4	13.0	16.6
IA	1 2 3	5.1	12.5	9.3	10.3	13.6	NM		7.1	18.2	15.5	16.1	26.3
MO		6.7	16.9	13.5	= 17.6	21.6	AZ mananananan		6.2	16.5	13.7	18.7	23.9
	1 2 2	4.9	10.9	7.8	9.2	11.5	UT		5.7	11.0	8.9	6.2	8.7
	200	5.5	13.5	10.2	13.4	17.9	NV		6.9	15.4	12.1	113.5	₹ 15.6
	2.1	5.3	12.1			14.8		The second					
		6.1		9.1	11.6	14.7	Pac	5.8	5.9	13.6	10.7	19.6	23.2
KS	5.8	0.1	15.0	11.4	12.3	14.7	WA		5.3	12.5	10.3	13.6	18.5
So. Att	8.0	7.8	18.3	14.8	22.2	25.2	OR	5.9	6.0	13.9	10.6	21.4	2 24.6
DE		7.3	16.7	13.7	24.2	26.2	CA		4.9	11.8	8.7	15.1	18.3
MD	8.2	7.6	14.8	12.1	2 25.2	2 29.1	AK		6.5	11.5	9.8	17.6	19.9
DC	12.8	13.3	20.7	17.8	56.5	56.7	TW homeometermine	1 6	0.5	11.0	0.0	17.0	10.0

<sup>2</sup> Marital status of mother is inferred. Less than 2,500 grams (5 pounds-8 ounces). Source: U.S. National Center for Health Statistics, Vital Statistics of the United States, annual.

### Vital Statistics

### NO. 90. CESAREAN SECTION DELIVERIES, BY AGE OF MOTHER: 1970 TO 1985

[Rates are number of occareans per 106 deliveries. Based on sample data collected from the National Hospital Discharge Survey, a sample survey of hospital records of patients discharged in year shown; subject to sampling variability]

AGE OF MOTHER	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	198
Number of cesarean deliveries (1,000)	195	328	455	510	599	619	701	730	808	813	87
Rate: Mothers, all ages Under 20 years 20-24 years 25-29 years 30-34 years 35 years and over	5.5 3.9 4.9 5.9 7.5 8.3	10.4 8.4 9.0 11.1 13.6 15.0	13.7 11.2 12.5 14.8 15.3 17.9	15.2 11.8 13.1 16.4 19.3 21.3	16.4 13.7 15.6 16.4 19.5 21.1	16.5 14.5 15.8 16.7 18.0 20.6	17.9 13.2 16.0 19.4 21.3 24.4	18.5 13.4 17.6 19.9 20.4 23.6	20.3 15.0 19.0 20.5 24.6 25.4	21.1 16.5 19.6 20.8 24.6 28.7	22. 16. 21. 22. 26. 30.

Source: U.S. National Center for Health Statistics, unpublished data.

### No. 91. Breast-Feeding by Characteristic of Mother and Birth Year of Baby: 1970 to 1981

[Date for 1970-1975 based on 1978 National Survey of Family Growth (NSFG) and for 1978-1961 on 1982 NSFG. Based on a sample and subject to sampling variability; see Appendix III. For composition of regions, see fig. I, inside front cover]

		PERCI	ENT BREA	ST-FED /	T ALL		PER	CENT BR	EAST-FEE	3 MONT	116 OR M	ORE
CHARACTERISTIC OF MOTHER	1976- 1971	1972- 1973	1974- 1975	1976- 1977	1976- 1975	1960- 1881	1976- 1971	1973- 1973	1974- 1975	1976- 1977	1976- 1975	1900 1801
Total babies	24.3	23.6	32.4	42.2	44.3	52.5	16.6	10.8	15.0	26.7	20.5	32
White	25.8 12.8	25.6 12.9	35.5 16.4	48.2 19.5	48.1 24.4	57.2 24.5	11.2 8.2	11.4 6.9	16.6 6.4	29.0 11.5	31.2 14.2	35. 12.
Years of school completed: Less than 12 years	17.9 18.5 39.9	15.5 20.4 39.1	18.1 31.0 50.7	25.6 35.3 62.3	25.3 41.4 55.0	32.1 44.9 73.4	6.0 7.3 20.4	6.8 7.2 22.1	5.6 12.0 31.6	9.6 20.1 43.7	15.5 23.1 42.5	18. 25. 50.
Region: Northeast Midwest South West	22.5 26.4 17.6 35.3	18.6 25.2 16.2 43.3	30.1 30.3 25.2 50.5	38.5 43.6 32.1 62.0	37.6 48.1 31.8 66.5	46.6 54.6 41.8 70.1	11.3 12.1 7.2 13.6	10.3 10.1 7.4 20.0	12.7 13.3 10.0 29.4	23.0 24.1 19.0 42.3	24.6 29.4 19.1 47.1	33. 26.

Source: Pratt, William F, et al., "Understanding U.S. Fertility: Findings from the National Survey of Family Growth, Cycle III," Population Bulletin, vol. 39, No. 5 (Population Reference Bureau, Inc., Washington, DC, 1984).

# NO. 92. WOMEN WHO HAVE HAD A CHILD IN THE LAST YEAR, BY AGE: 1980 TO 1986 [As of June. See headnote, table 94]

			HAD A		тот	WO	IS PER	1,000	FIRS	T BIRTH	S PER 1	1,000	BIRTH	
AGE OF MOTHER	****									4004		****	PERCE	TAL
	1980	1984	1985	1986	1980	1984	1985	1986	1980	1984	1985	1986	1980	19
Total	3,247	3,311	3,497	3,625	71.1	65.8	68.6	70.3	28.5	27.7	27.1	26.4	40.1	37
18-29 years old	2,476 1,396 1,081	2,375 1,252 1,123	2,512 1,339 1,173	2,452 1,209 1,243	103.7 96.6 114.8	94.8 86.9 105.5	101.4 95.4 109.2	99.7 88.6 113.6	48.6 (NA) (NA)	45.2 48.2 41.2	47.1 53.5 38.7	44.4 47.5 40.5	46.9 (NA) (NA)	453
30-44 years old	519	936 703 195 38	984 704 229 51	1,174 815 285 74	35,4 60,0 26,9 9,9	37.1 72.2 22.7 5.5	37.6 69.9 25.9 7.1	43.5 78.9 30.3 10.2	6,3 (NA) (NA) (NA)	10.2 20.9 5.4 1.1	8.0 15.8 5.2	10.0 20.2 5.4 1.5	17.8 (NA) (NA) (NA)	200

NA Not available.

Sourcer U.S. Bureau of the Census, Current Population Reports, series P-20, No. 406, and earlier and forthcoming repr

### . 83. WOMEN WHO HAVE HAD A CHILD IN THE LAST YEAR, BY AGE AND LABOR FORCE STATUS: 1976 TO 1986

[See headnote, table 94]

	TOTA	L, 18 TO 4	4 YEARS	oro	10	8 TO 29 Y	EARS OLD		34	0 TO 44 Y	EARS OLD	
		Women child	who have	had a			who have				who have in the last	
YEAR	All women, percent	Num-	in the		women,	Num-	In the		women, percent	Num-	In the	
	in labor force	ber (1,000)	Num- ber (1,000)	Per- cent	in labor force	(1,000)	Num- ber (1,000)	Per- cent	in labor force	ber (1,000)	Num- ber (1,000)	Per- cent
	59.7 66.1 67.2 68.3 69.1 70.2 70.8 72.2	2,737 3,247 3,361 3,433 3,625 3,311 3,467 3,625	866 1,233 1,411 1,508 1,563 1,547 1,691 1,806	30.9 38.0 41.7 43.9 43.1 45.7 48.4 49.8	(NA) 66.3 66.9 68.7 70.6 71.5 71.3 72.8	2,220 2,476 2,400 2,445 2,662 2,375 2,512 2,462	708 947 1,004 1,040 1,133 1,068 1,204 1,195	31.8 38.2 40.2 42.5 42.4 44.5 47.9 48.3	(NA) 63.7 65.5 58.7 67.6 66.9 70.3 71.6	577 770 681 963 942 936 964 1,174	159 287 407 469 425 469 498 620	27.6 37.3 46.2 47.5 45.1 52.2 49.6 52.8

Not available.

### M. SOCIAL AND ECONOMIC CHARACTERISTICS OF WOMEN, 18-44 YEARS OLD, WHO HAVE HAD A CHILD IN THE LAST YEAR: 1986

Jame. Covers of the noninstitutional population. Since the number of women who had a birth during the 12-month period tabulated and not the actual numbers of births, some small undersettmetion of fertility for this period may exist due to the aton of: (1) Multiple births, (2) Two or more live births spaced within the 12-month period (the women is counted only once), from who had births in the period and who did not survive to the survey data, (4) Women who were in institutions and store not in the survey universe. These losses may be somewhat offset by the inclusion in the CPS of births to immigrants did not have their children form in the United States and births to nonresident women. These births would not have been rided in the vital registration system. Based on Current Population Survey (CPS); see text, section 1 and Appendix III]

	TOTAL,	18 TO 44 OLD	YEARS	18 TC	29 YEAR	S OLD	<b>30 TC</b>	44 YEAR	s ous
CHARACTERISTIC	Num-	Wome have he in the k		Num-		in who d a child ast year	Num-	Wome have he in the i	
	ber of women (1,000)	Total births per 1,900 women	First births per 1,000 women	ber of women (1,000)	Total births per 1,000 women	First births per 1,000 women	ber of women (1,000)	Total births per 1,000 women	First births per 1,000 women
<b>1</b>	51,361	70.3	26.4	24,506	90.7	44.4	26,004	43.5	10.0
•••••••••••••••••••••••••••••••••••••••	43,237 6,625	68.2 76.4	26.5 23.8	20,387 3,423	96.3 112.7	44.5 41.3	22,850 3,202	43.2 41.9	10.3 4.6
<b>6</b> •	4,081	105.6	29.1	2,177	136.7	45.3	1,964	8.08	10.4
1, spouse present	29,400 2,165 5,107 14,909	97.4 67.6 27.1 32.1	36.0 25.5 3.5 15.5	10,454 925 1,182 12,026	175.7 114.9 59.9 36.5	76.8 53.6 12.5 18.6	16,946 1,240 3,925 2,863	54.1 32.3 17.5 13.7	13.4 4.5 .8 2.4
of school completed: a high school graduate echool, 4 years	7,876 22,241 11,691	93.1 71.0 58.7 64.3 60.8 71.3	21.8 29.1 24.0 26.9 27.9 24.8	4,096 10,762 6,158 3,570 2,847 723	141.3 113.9 68.8 62.4 62.9 60.2	39.9 52.9 36.7 37.0 39.1 29.0	3,779 11,479 5,733 6,002 3,488 2,514	40.9 30.7 47.8 65.5 59.0 74.5	2.3 6.7 10.4 20.6 16.6 23.6
force status: In labor force	34,226	48.5 46.5 71.4 126.9	20.8 19.9 32.0 40.8	17,909 15,974 1,985 6,678	68.2 62.9 92.8 189.7	33.5 32.1 44.4 73.6	19,323 18,252 1,071 7,671	32.1 32.0 32.7 72.2	9.1 9.1 9.5 12.3
ation of employed women. agarial-professional whicat, selse, and admin. support	16,013 5,774 708 2,924	42.9 42.6 53.1 55.7 61.9 49.0	17.3 20.9 20.6 13.5 22.6 12.8	2,869 8,219 3,070 344 1,270 201	46.8 56.8 71.1 93.9 113.3 44.7	25.5 31.5 35.8 18.1 47.1 26.6	5,430 7,794 2,794 454 1,654 218	40.8 27.5 32.7 26.7 22.4 52.9	13.0 9.7 3.5 10.1 3.7
Income: Under \$10,000	5,713 5,306 5,512	96.3 69.7 89.3 73.3 75.4 68.3 56.4	29.8 25.9 27.8 26.2 24.9 25.7 24.7	4,918 3,252 2,871 2,650 2,067 2,072 6,176	129.1 96.4 103.2 115.6 106.4 99.3 66.9	48.2 38.2 48.3 49.5 45.5 43.3 38.1	3,606 2,461 2,635 2,662 2,563 2,619 9,508	49.2 34.4 32.4 33.9 50.1 43.7 48.0	4.8 8.2 5.0 4.8 8.1 11.8 15.3

legresents or rounds to zero.

1 Includes women of other races and women with family income not reported, not shown stelly.

1 Hispanic persons may be of any race.

1 Includes separated women.
Itself tables 93 and 94: U.S. Bureau of the Census, Current Population Reports, series P-20, No. 406 and series and series and series and series.

### No. 95. CHILDLESS WOMEN AND CHILDREN EVER BORN, BY AGE OF WOMAN: 1970 TO 1986

[1970 based on sample of decennial census, see source; all other years based on Current Population Survey; see text, section and Appendix III. See also Historical Statistics, Colonial Times to 1970, series B 49-86]

	PERCEN	IT CHILDI	E88 AMO	NG WOM	EN EVER	MARRIED	CHIL	DREN EVE	R BORN I	PER 1,000	) WOME	N EVE
AGE	4070	4000		1306	(June)					1965	(June)	
	1970 (April)	1965 (June)	Total 1	White	Black	His- panic <sup>2</sup>	1970 (April)	1980 (June)	Total 1	White	Black	Hi peni
Total	4 50.9 35.7 15.8	<sup>2</sup> 18.8 <sup>4</sup> 46.6 40.4 25.3 13.7 8.0 6.6	19.2 45.8 41.5 27.3 15.1 11.5 9.4	20.1 46.7 42.9 26.5 16.1 11.9 9.4	11.5 27.1 26.3 14.9 6.6 8.5 10.5	13.7 25.6 32.8 14.4 9.8 7.0 7.3	2,200 4 636 1,071 1,984 2,806 3,170 3,097	* 1,965 * 628 930 1,397 1,970 2,572 3,105	1,785 660 927 1,351 1,845 2,101 2,413	1,737 639 882 1,316 1,804 2,047 2,372	2,200 1,007 1,392 1,692 2,219 2,520 2,739	1,( 1,1 2,1 2,1

<sup>&</sup>lt;sup>1</sup> Includes other races not shown separately. 
<sup>2</sup> Hispanic persons may be of any race. 
<sup>2</sup> Women, 15–19 years old.

No. 96. CHILDREN EVER BORN TO SINGLE WOMEN, BY AGE AND RACE OF WOMAN: 1980 AND 1986

[As of June. Covers civilian noninstitutional population. Refers to women never-married at time of survey. Based on Current Population Survey; see text, section 1 and Appendix III]

	ALL 8	INGLE WO	MEN 1	WHITE	SINGLE W	OMEN	BLACK	SINGLE V	VOM
ITEM	Total, 18-44 years	18-29 years	30-44 years	Total, 18-44 years	18-29 years	30-44 years	Total, 18-44 years	18-29 years	30. ye
1980		ł							
Single women (1,000)	² 12,500	10,693	a 1,807	2 9,862	8,557	a 1,305	2,327	1,888	••
None		87.3	76.4	93.5	93.9	90.5	52.2	58.7	1 3
One	8.6	8.5	9.0	4.9	4.7	5.9	24.5	26.0	1
Two or more	5.7	4.2	14.6	1.6	1.3	3.6	23.3	17.3	1.4
Children ever born (1,000)	* 3,142 251	2,022 189	<sup>3</sup> 1,120 620	* 898 91	666 78	3 232 178	2,199 945	1,325 702	;;
1686	1			1	l	1		1	ı
Single women (1,000)	14,909	12,026	2,883	11,438	9,381	2,057	3,069	2,320	:
None	81.9	84.5	71.2	90.5	91.5	85.6	49.1	55.3	1 1
One		9.5	11.1	6.0	5.8	6.6	24.4	24.8	1 1
Two or more	8.4	6.1	17.8	3.6	2.7	7.8	26.5	20.1	] 4
Children ever born (1,000)	4,767	2,991	1,775	1,726	1,140	585	2,965	1,800	1 1:
Rate per 1,000 women	320	249	616	151	122	284	966	776	1,

<sup>&</sup>lt;sup>1</sup> Includes other races not shown separately. <sup>9</sup> Covers single women, 18–49 years old. <sup>3</sup> Covers single women, 39 years old.

## No. 97. ABILITY TO BEAR CHILDREN OF CURRENTLY MARRIED COUPLES, BY AGE OF WIFE, NUMBER PRIOR BIRTHS, AND RACE: 1982

[Based on the National Survey of Family Growth, see Appendix III]

	Alf		GE OF WI	FE	NUM	BER OF	PRIOR BI	THE
RACE AND FERTILITY STATUS	women, 15-44 years	15-24 years	25-34 years	35-44 years	0	1	2	
All races 1 (1,000)		4,741	12,924	10,566	5,006	5,891	9,042	•
Surgically startle *	38.9 8.5	7.2 8.7	31.6 7.3	62.0 9.7	9.9 19.6	17.7 10.8	46.9 5.0	1
Fecund 5	52.6	84.1	61.0	28.3	70.5	71.5	48.1	1
White (1,000)		4,323	11,457	9,414	4,676	5,254	8,167	ľ
Surgically sterile <sup>2</sup>	38.9	7.3	31.5	62.3	9.8	18.5	47.2	Ì
Fecund 5	8.1 53.0	8.0 84.7	7.0 61.4	9.6 28.1	19.1 71.1	10.1 71.4	4.7 48.0	
Black (1,000)	2,130	326	1,025	778	252	410	676	ı
Surgically sterile *	36.2	7.4	31.8	54.1	10.1	6.5	34.9	l
Fecund 5	13.1 50.7	11.9 60.7	11.5 56.7	15.7 30.2	30.6 59.4	18.5 73.0	8.9	1

Includes other races not shown separately.
 Includes sterilization of the husband or the wife.
 Continuously it had not used contraception, and had not become pregnant for at least 12 months before the data of intervite figure does not meet standards of reliability or precision.
 Neither surgically sterile nor infertile.

Source: U.S. Bureau of the Census, U.S. Census of Population: 1970, Vol 1, Characteristics of the Population, Part 1, L Summary; and Current Population Reports, series P-20, No. 375 and forthcoming report.

Source: U.S. Bureau of the Census, Current Population Reports, series P-20, No. 375 and forthcoming report.

Source: U.S. National Center for Health Statistics, Advance Data from Vital and Health Statistics, No. 104; and unpublished

#### No. 98. LIFETIME BIRTHS EXPECTED PER 1,000 WIVES: 1971 TO 1986

[As of June. See headnote, table 99]

YEAR		ME BIRTI			ME BIRTI			IME BIRTI	
	18-24	25-29	30-34	18-24	25-29	30-34	18-24	25-29	30-34
71	2,134	2,619 2,260 2,166 2,236 2,252	2,989 2,610 2,248 2,167 2,247	2,353 2,147 2,130 2,177 2,116	2,577 2,233 2,146 2,227 2,100	2,936 2,564 2,223 2,139 2,056	2,623 2,489 2,155 2,242 2,323	3,112 2,587 2,426 2,259 2,317	3,714 3,212 2,522 2,521 2,577

<sup>1</sup> Includes other races not shown separately.

### No. 99. LIFETIME BIRTHS EXPECTED BY WIVES, 18-34 YEARS OLD—PERCENT DISTRIBUTION: 1975 TO 1986

[As of June. Covers currently married women in the civilian noninstitutional population. Data limited to wives reporting on birth expectations. Based on Current Population Survey; see text, section 1 and Appendix III]

			AGE		RA	CE			S OF SCH	
YEAR AND NUMBER OF BIRTHS EXPECTED	Total <sup>1</sup>	18- 24 years	25- 29 years	30- 34 years	White	Black	His- panic <sup>a</sup>	Not high school gradu- ate	High school, 4 years	Col- lege, 1 year or more
75: None	4.8	4.1	4.9	5.2	4.9	3.0	3.2	2.7	4.2	7.0
One	10.9	11.2	11.7	9.8	10.8	10.7	10.6	11.0	11.4	10.1
Two	49.0	58.2	50.4	38.3	49.8	40.0	40.4	37.6	49.8	55.5
Three	23.2	19.4	23.3	26.8	23.3	22.4	25.2	25.0	24.3	20.0
Four or more	12.1	7.0	9.8	19.8	11.1	24.0	20.5	23.6	10.3	7.3
80: None	5.9	4.9	5.5	7.0	6.0	4.0	2.8	2.6	5.6	7.7
One	13.3	12.8	13.2	13.6	13.2	14.4	9.4	11.7	14.4	12.4
Two	51.1	56.0	52.8	45.7	51.5	45.3	44.3	39.7	52.6	54.4
Three	20.5	19.1	20.3	21.8	20.4	22.2	24.2	26.7	19.7	18.8
Four or more	9.3	7.2	8.3	11.9	8.8	14.2	19.4	19.4	7.7	6.8
86: None	4.7	2.9	4.5	5.9	4.8	2.8	2.5	2.5	4.3	6.0
One.	12.2	11.6	10.9	13.9	12.0	14.8	11.9	12.0	13.3	11.1
Two.	50.0	54.8	51.6	45.8	50.7	42.4	42.5	44.1	49.2	53.1
Three	23.1	21.4	23.6	23.6	22.9	26.2	23.4	24.3	23.4	22.3
Four or more	10.0	9.4	9.4	10.8	9.5	13.8	19.8	17.2	9.8	7.6

<sup>&</sup>lt;sup>1</sup> Includes other races, not shown separately. 

<sup>2</sup> Hispanic persons may be of any race.

Source of tables 96 and 99: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 406, and earlier and rithcoming reports.

### IO. 100. CONTRACEPTIVE USE BY WOMEN, 15-44 YEARS OLD, BY AGE, RACE, MARITAL STATUS, AND METHOD OF CONTRACEPTION: 1982

[See headnote, table 101]

	1		AGE		RA	CE		MARITAL STAT	TUS .
CONTRACEPTIVE STATUS AND METHOD	All women 1	15-24 years	25-34 years	35-44 years	White	Black	Never mar- ried	Currently married	Formerly married
All women (1,000)	54,099	20,150	19,644	14,305	45,367	6,906	19,164	28,231	6,70
arte	. 27.2	3.2	27.9	60.1	27.7	23.7	3.2	40.9	38.
Surgically sterile		2.6	26.4	57.3	26.1	22.2	2.6	38.9	36.
Contraceptively sterile 2	. 17.8	2.2	19.6	37.4	18.3	14.9	1.8	27.8	21.
Noncontraceptively sterile		.3	6.8	19.9	7.8	7.3	.8	11.0	14.
Noneurgically sterile 3	. 1.5	.6	1.5	2.8	1.6	1.5	.7	2.0	1.
egnent, postpertum		6.3	6.5	1.0	4.8	5.6	2.5	7.2	2.
selting pregnancy		3.5	6.2	2.5	4.0	5.4	1.2	6.7	2.
ther nonueers		48.6	14.2	13.8	26.2	29.6	59.7	5.0	25.
Not sexually active 4		39.4	7.8	7.8	19.9	16.1	49.6	.2	15.
Sexually active 4	. 7.4	9.2	6.5	6.0	6.4	13.5	10.1	4.8	10.
gneurgical contraceptors	. 36.7	38.4	45.2	22.6	37.2	35.7	33.3	40.1	31.
PB	. 15.6	23.5	17.1	2.3	15.1	19.8	18.7	13.4	15.
IUO		1.4	6.5	4.2	3.9	4.7	1.9	4.8	6.
Diaphragm		3.7	6.8	2.4	5.0	1.8	4.7	4.5	3.
Condom	. 6.7	5.5	7.6	7.0	7.2	3.2	4.1	9.8	لا
Foem		.8	1.5	1.8	1.4	1.4	.4	2.0	1.
Pathythian *	. 2.2	1.2	2.8	2.6	2.2	1.6	.9	3.2	1.
Other methods *	. 2.5	2.3	2.9	2.2	2.4	3.1	2.6	2.3	2.

<sup>&</sup>lt;sup>1</sup> Includes other races, not shown separately. 
<sup>2</sup> Includes sterility of the husband or a current partner. Persons who had settlisting operation and who gave as one reason that they had already had all the children they wanted. 
<sup>3</sup> Persons sterile from reaso, accident, or congenital conditions. 
<sup>4</sup> Those having intercourse in the last 3 months before the survey. 
<sup>5</sup> Periodic sterilence and natural family planning. 
<sup>6</sup> Withdrawal, douche, suppository and less frequently used methods.

Source: U.S. National Center for Health Statistics, Advance Date from Vital and Health Statistics, No. 102 and unpublished date.

#### No. 101. Unwanted Births of Ever Married Women. 15-44 Years OLD: 1973 and 1982

[Covers the birth experience to date of all ever-married women whether or not they gave children up for adoption. Based on the 1973 and 1982 National Survey of Family Growth; see Appendix III]

				PERCENT	OF CHIL	DREN EV	ER BORN	_
	CHILDRE	N EVER	W	ented at	concepti	on	Unwar	
AGE AND RACE	BORN	(1,000)	То	tal	Mist	med	conci	)pec
	1973	1982	1973	1982	1975	1982	1975	#
All races <sup>1</sup> 15-24 yrs 25-34 yrs 35-44 yrs	5,763 26,262	65,878 4,843 26,650 34,385	86.8 91.8 87.8 83.2	98.1 93.6 92.3 66.0	25.7 41.7 27.7 21.5	26.2 46.8 27.3 28.2	14.8 8.1 12.0 16.6	
White: 15-24 yrs. 25-34 yrs. 35-44 yrs.	4,859	55,497 4,238 22,314 28,946	88.4 93.6 90.0 66.4	92.1 95.1 94.1 90.1	25.5 40.5 27.2 21.6	27.7 47.2 28.7 25.6	11.4 6.3 9.9 13.4	
Black 15-24 yrs. 25-34 yrs. 35-44 yrs.	888 3,239	8,467 548 3,491 4,426	66.0 81.4 72.1 62.4	77.5 62.0 82.3 73.2	27.4 47.8 31.0 20.9	32.2 43.8 33.9 29.4	31.5 18.6 27.3 37.0	•

<sup>&</sup>lt;sup>1</sup> Includes other races not shown separately. <sup>2</sup> Figure does not meet standards of reliability or precision. Source: U.S. National Center for Health Statistics, unpublished data.

#### No. 102. FAMILY PLANNING SERVICES—VISITS PER 1,000 WOMEN, 15-44 YEARS OLD: 1982

(Blumber of family planning visits in the 12 months before the interview per 1,000 women who had ever had intercourse were not sterile before February 1979. Family planning services include (1) counseling for problems with or workes about as intercourse, an unwented pregnancy or one that occured at a bad time, having a sterilizing operation, or birth control; (if checkup or medical test for correct use, fit, or position of a birth control method, or health problems from using a birth commented, or a pregnancy test; and (3) a viet to a physician or clinic to obtain a new method of birth control, or to rens method already being used. Based on the National Survey of Family Growth, see Appendix III)

SOURCE OF SERVICES		AGE				RA	CE .		MARITAL STATUS			
	Women, <sup>1</sup> 15-44 yrs.	15-19 yrs.	20-24 yrs.	25-34 yrs.	35-44 yrs.	White	Black	Hispan- ic <sup>a</sup>	Never merried	Married	Widow divorc or separa	
Total.  Private medical services <sup>3</sup>	657	1,581 609 867 105	1,890 749 577 55	1,043 743 279 1 21	462 360 96 47	1,034 671 323 39	1,337 557 756 4 24	1,212 673 524 4 15	1,227 534 638 4 56	1,022 743 251 26		

<sup>&</sup>lt;sup>1</sup> Includes other races not shown separately. <sup>2</sup> Hispanic persons may be of any race. <sup>3</sup> Private physicians in their out a group practice. <sup>4</sup> Figure does not not meet standards of reliability or precision.

Source: U.S. National Center for Health Statistics, M. Horn and W. Moeher, "Use of Services for Family Planning and Inflar United States, 1982," Vital and Health Statistics, series 23, No. 13.

# No. 103. LEGAL ABORTIONS—ESTIMATED NUMBER, RATE, AND RATIO, BY RACE: 1972 TO 1985 [Refers to women 15-44 years old at time of abortion]

	-	ALL F	RACES			W	HTE		BLACK AND OTHER				
YEAR	Warran	Abortions					Abortions		Women		Abortions		
	Women 15-44 years old (1,000)	Num- ber (1,000)	Rate per 1,000 women	Ratio per 1,000 live births <sup>1</sup>	Women 15-44 years old (1,000)	Num- ber (1,000)	Rate per 1,000 women	Ratio per 1,000 live births 1	15-44 years old (1,000)	Num- ber (1,000)	Rate per 1,000 women	Fla p 1,0 h birt	
1972 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1984	50,920 52,016 53,048 53,901 54,679 55,340	586.8 1,034.2 1,179.3 1,316.7 1,409.6 1,497.7 1,563.9 1,577.3 1,573.9 1,575.0 1,577.2 1,588.6	13.2 21.7 24.2 26.4 27.7 28.8 29.3 29.3 28.8 28.5 28.5 28.0	184 331 361 400 417 422 428 429 428 436 436 432 422	38,532 40,857 41,721 42,567 43,427 44,266 44,942 45,494 46,049 46,506 47,023 47,512	455.3 701.2 784.9 888.8 969.4 1,062.4 1,093.6 1,107.8 1,095.2 1,084.4 (NA)	11.8 17.2 18.8 20.9 22.3 24.0 24.3 24.3 23.8 (NA) (NA)	175 276 296 333 356 373 376 377 373 376 (NA)	6,056 6,749 7,000 7,247 7,493 7,750 8,106 8,407 8,630 8,834 9,038 9,242	131.5 333.0 394.4 427.9 440.2 435.3 460.3 469.6 478.7 490.6 (NA)	21.7 49.3 56.3 59.0 58.7 56.2 56.5 55.9 55.5 (NA)		

MA Not qualishin I See headroin table 104

Source: 1972, U.S. Centers for Disease Control, Atlanta, GA, Abortion Surveillance, Annual Summery, 1972, 1974, and Ti Guttmacher Institute; 1975-1961, S.K. Henshaw and E. Blaine, eds., Abortion Services in the United States, Each dis Abstrapoliten Area, 1991-1982, The Alan Guttmacher Institute, New York, NY, 1985 (copyright); 1982 and 1983, S.K. He "Characteristics of U.S. Women Hewing Abortions, 1982-1983, "Family Planning Perspectives, vol. 19, No. 1, Jen./Feb. 1894 Alan Guttmacher Institute, New York, NY, 1984 and 1983, S.K. Henshaw, J.D. Formest and J. Von Vort, "Abortion Bendate United States, 1984 and 1985," Family Planning Perspectives, vol. 19, No. 2, March/April 1987, The Alan Guttmacher In New York, NY.

### NO. 104. LEGAL ABORTIONS—NUMBER, RATE PER 1,000 WOMEN 15-44 YEARS OLD, AND ABORTION/ LIVE BIRTH RATIO, BY STATE OF OCCURRENCE: 973 TO 1985

[Number of legal abortions are from surveys of hospitals, clinics, and physicians identified as providers of abortion services, conducted by the Alan Guttmacher institute. Abortion rates are computed per 1,000 women 15–44 years of age on July 1 of specified year; abortion ratios are computed as the number of abortions per 1,000 live births from July 1 of year shown to June 30 of following year, by State of occurrence]

STATE	N	(1,000	ABORTION 0)	ıs			OOO WO		1,000 LIVE BIRTHS			
	1973	1980	1984	1985	1973	1980	1984	1985	1973	1980	1984	198
United States	744.6	1,553.9	1,577.2	1,588.6	16.3	29.3	28.1	28.0	239	428	422	425
New England	23.1	83.9	80.7	85.4	9.0	28.9	27.2	28.6	152	530	469	504
Maine	7	4.8	5.2	5.0 7.0	3.3	18.6	19.6	18.6	47	289	311	30
New Hampshire	.6	4.7	6.7	7.0	3.3	21.1	28,3	29.0	52	347	502	419
Vermont	1.5	3.8	3.5	3.4	14.8	30.4	26.7	26.2	233	466	445	448
New Hampshire	12.4	45.6	36.3	40.3	10.1	33.5	26.4	29.3	173	609	442	53
Connecticut	1.1	18.4	7.5	7.8	5.8	30.7	34.1	35.5	96	529	556	57
	6.8	18.4	21.5	21.9	10.4	25.6	29.0	29.3	188	561	559	550
Middle Atlantic	252.9	311.8	318.6	321.7	32.0	37.0	37.3	37.6	531	627	611	60
New York	212.7	187.5	192.0	195.1	54.5	45.8	46.6	47.4	904	780	746	74
New Jersey	10.2	55.5	65.9	69.2	6.7	32.8	37.9	39.6	113	591	635	67
New York New Jersey Pennsylvania	29.9	68.9	60.7	57.4	12.2	26.1	22.6	21.3	200	423	379	346
			10000	0.34	1000	JE 92	5.00	E ST	100	1000	163	1.00
East North Central	97.4	242.9	224.7	220.6	11.1	24.9	22.6	22.1	161	369	356	35
Ohio	17.3	67.1	58.0	57.4	7.4	26.8	22.7	22.4	109	397	357	35
Indiana	1.8	19.6	16.1 65.9	16.1	1.5	15.3	12.2	12.2	21	227	198	20
Michigan	37.5	65.2	66.0	65.0 64.4	13.6	25.9 29.7	24.2	23.8	199	374	368 494	37
Illinois	8.2	21.8	18.6	17.8	8.6	20.1	16.6	15.7	129	457 292	251	48
		21.0	10.0	17.0	0,0	20.1	10.0	15.7	120	202	201	240
West North Central	29.6	75.2	73.8	68.2	8.6	19.2	18.3	16.7	125	260	263	253
Minnesota	7.3	19.0	17.4	16.9	8.8	20.7	17.3	16.6	137	288	262	25
Minnesota	2.3	9.3	10.4	9.9	4.0	14.3	15.8	15.0	59	195	240	248
Missouri	3.4	21.6	22.1	20.1	3.5	19.4	19.2	17.3	49	273	276	26
North Dakota	-	3.1	2.9	2.9	-	21.5	19.3	18.5	-	235	229	230
South Dakota	1.6	1.4	1.8	1.7	12.2	9.0	11.4	10.6	153	103	140	140
Nebraska	2.3	6.4	6.7	6.7	7.2	17.9	18.4	18.2	99	227	253	26
Kansas	12.6	13.6	12.4	10.2	26.5	25.6	22.4	18.2	413	343	313	264
South Atlantic	114.4	254.5	255.5	257.1	16.0	29.4	27.4	27.1	233	462	431	42
South Atlantic	2.1	3.7	4.7	4.6	16.3	25.9	31.8	30.9	255	395	506	45
Maryland	11.1	30.5	29.1	29.5	12.2	29.2	26.8	26.9	241	571	496	480
District of Columbia	44.6	28.5	23.7	23.9	251,4	168.3	142.9	145.9	2,355	1,569	1,170	1,18
Virginia	8.4	31.8	31.7	34.2	7.6	24.2	22.6	24.0	124	417	385	413
West Virginia	(z) 12.3	3.0	4.7	4.6	.1	6.9	10.4	10.1	2	104	184	18
North Carolina	12.3	31.9	35.8	34.2	10.2	22.8	24.0	22.6	146	377	398	379
Desavere Maryland District of Columbia Virginia West Virginia North Carolina South Carolina	2.2	13.7	11.3	11.2	3.5	18.2	14.0	13.7	47	274	229	22
	11.0	37.9	38.7	38.3	10.0	28.4	26.8	26.1	129	395	402	39
Florida	22.9	73.6	75.8	76.7	14.7	35.5	32.3	31.8	214	547	470	468
East South Central	12.7	65.3	57.4	57.4	4.4	19.2	16.0	15.8	56	271	255	25
Kentucky	2.6	12.8	10.1	9.8	3.6	15.1	11.4	11.0	48	215	194	18
Kentucky Tennessee	5.3	25.6	22.6	22.4	5.8	23.6	19.5	19.1	79	352	317	31
Alabama	4.6	20.8	19.2	19.4	6.0	23.1	20.3	20.2	78	331	326	333
Mississippi	.1	6.1	5.5	5.9	.2	10.6	9.1	9.7	3	132	128	14
West South Central			10000		7.2					15.5		
Arkansas	19.1	137.2	138.0	138.6	4.2	24.5	22.2	21.8	53	308	288	29
Louisiana	1.1	17.7	20.7	19.2	2.7	12.3	19.1	10.1	35	173	137	15
Oklahoma	.6	11.3	12.6	13.1	1.0	16.4	16.8	17.4	15	218 221	239	26
Texas	17.3	102.0	100.0	100.8	6.4	30.0	26.0	25.5	79	367	323	320
	10000	1.4	1	1000000	100	7.7	237.7	100		C.A.		-
Mountain		68.2	72.5	74.6	8.3	25.0	23.6	23.6	103	302	309	316
Montana	.5	3.7	3.9	3.7	3.0	20.1	20.1	19.0	39	265	283	288
idaho	.4	2.7	2.7	2.7	2.3	12.7	11.6	11.1	26	141	156	15
wyoming	2	1.1	1.1	1.1	2.2	9.5	8.1	7.9	30	107	118	12
Colorado	7.6	23.1	24.6	24.4	13.5	31.4	29.8	28.8	195	447	442	430
Arrena	4.7 2.8	15.8	21.2	6.1 22.3	18.9	27.0	15.6	17.4	227	358	198	21
Litah	2.8	15.8	4.2	4.4	6.1	25.0	10.9	29.9	78	310 97	371 108	373
Wyoming. Colorado New Mesico Arizona Utah Nevada	1.0	9.2	9.4	9.9	7.1	46.6	39.8	40.5	108	697	611	64
			0.4	5.0		-0.0	30.0	10,0		30.	633	
Pacific Washington Oregon California	178.5	314.9	356.2	365.0	28.5	41.0	42.6	42.8	449	561	590	594
Washington	17.3	37.0	29.5	31.0	21.8	37.5	27.2	28.0	373	522	384	456
Oregon	11.4	17.7	15.3	15.2	23.3	28.3	22.8	22.3	356	396	377	374
California	143.9	250.4	297.7	304.1	30.5	43.7	47.8	47.9	485	598	654	640
Alaska	1.2	1.9	3.2	3.5	14.8	17.9	26.2	27.7	174	196	251	283
Hawaii	4.7	8.0	10.4	11.2	24.9	34.4	41.6	43.7	303	441	566	61

Represents zero. Z Fewer than 50 legal abortions reported by providers.

Source: 1973 and 1980, S.K. Henshaw and E. Blaine, eds., Abortion Services in the United States, Each State and Metropolitan Area, 1981-1992, The Alan Guttmacher Institute, New York, NY, 1985 (copyright): 1994 and 1985, Henshaw, S.K., J.D. Forrest, and J. Van Vort, "Abortion Services in the United States, 1984 and 1985", Family Planning Parapaches, vol. 19, No. 2, March/April 1987, The Alan Guttmacher Institute, New York, NY.

### No. 105. LEGAL ABORTIONS, BY SELECTED CHARACTERISTICS: 1973 TO 1983

[Number of abortions from surveys conducted by source; characteristics from the U.S. Centers for Disease Control's (CDC) anni abortion surveillance summaries, with adjustments for changes in States reporting data to the CDC each year]

CHARACTERISTIC				NUMBER (1,000)					PERCEN			BORTIO 1	IN
	1973	1975	1979	1980	1981	1982	1983	1973	1980	1983	1973	1960	11
Total legal abortions	745	1,034	1,498	1,554	1,577	1,574	1,575	100.0	100.0	100.0	193	300	1
Age of woman: Less than 15 years old		15	16	15	15	15	16	1.6	1.0	1.0	476	607	,
15-19 years old		325 332	445 526	445 549	433 555	419 552	411 548	31.2 32.3	28.6 35.4	26.1 34.8	280 181	451 310	1
25-29 years old	73	189 100 53	284 142 65	304 153 67	316 167 70	326 168 73	328 172 78	17.4 9.7 5.5	19.6 9.8 4.3	20.8 10.9 5.0	128 165 246	213 213 317	1
40 years old and over	17	21	20	21	21	21	21	2.3	1.3	1.4	334	461	1
White Black and other	549 196	701 333	1,062	1,094	1,108	1,095	1,084	73.7 26.3	70.4	68.8	178 252	274 392	1
Marital status of woman:				-		23		14	23	A	1000		1
Married	216 528	272 762	1,176	1,234	1,279	1,274	1,280	29.0 71.0	20.6 79.4	18.7 81.3	74 564	98 649	1
Number of prior live births: None	411	543	868	900	912	903	890	55.2	57.9	56.5	242	365	١,
1	115	194 156	287	305 216	312	321 222	329 228	15.4	19.6	20.9	108	208	
4 or more	61	78 64	82	83	85	82	83	8.1	5.3	5.3	228	288 251	
Number of prior induced abortions:	4.00	1 5							1.53	1753	120		H
None	(NA)	822 170	1,025	1,043	1,023	994 398	964	(NA)	24.0	61.2 25.8	(NA)	(NA)	1 5
2 or more	(NA)	42	121	138	165	182	205	(NA)	8,9	13.0	(NA)	(NA)	17
Weeks of gestation:												P.C.	١.
Less than 9 weeks9-10 weeks	284 222	481 290	749	800 417	810 424	806 420	792	38.2	51.5 26.8	50.3	(NA)	(NA)	1
11-12 weeks	131	151	204 133	202 136	139	205	210	17.5	13.0	13.3	(NA)	(NA)	1

NA Not available. <sup>1</sup> Number of abortions per 1,000 abortions and live births. Live births are those which occurred from a 1 of year shown through June 30 of the following year (to match time of conception with abortions).

### No. 105. Expectation of Life at Birth: 1920 to 1986

[In years. Prior to 1980, excludes Aleska and Hawaii. Data prior to 1940 for death-registration States only; see text, section Beginning 1970, excludes deaths of nonresidents of the United States. See also Historical Statistics, Colonial Times to 16 series B 107-115]

		TOTAL			WHITE		BLA	X AND O	THER		BLACK	
YEAR	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	
920 930 940 950	54.1 59.7 62.9 68.2	53.6 58.1 60.8 65.6	54.6 61.6 65.2 71.1	54.9 61.4 64.2 69.1	54.4 59.7 62.1 66.5	55.6 63.5 66.6 72.2	45.3 48.1 53.1 60.8	45.5 47.3 51.5 59.1	45.2 49.2 54.9 62.9	EEE	III	
955 960 965 970	69.6 69.7 70.2 70.8	66.7 66.6 66.6 67.1	72.8 73.1 73.7 74.7	70.5 70.6 71.0 71.7	67.4 67.4 67.6 68.0	73.7 74.1 74.7 75.6	63.7 63.6 64.1 65.3	61.4 61.1 61.1 61.3	66.1 66.3 67.4 69.4	333	3338	
971 972 973 974 975	71.1 71.2 71.4 72.0 72.6	67.4 67.4 67.6 66.2 68.8	75.0 75.1 75.3 75.9 76.6	72.0 72.0 72.2 72.8 73.4	68.3 68.5 69.0 69.5	75.8 75.9 76.1 76.7 77.3	65.6 65.7 66.1 67.1 68.0	61.6 61.5 62.0 62.9 63.7	69.8 70.1 70.3 71.3 72.4	64.6 64.7 65.0 66.0 66.8	60.5 60.4 60.9 61.7 62.4	
976 977 978 979	72.9 73.3 73.5 73.9 73.7	69.1 69.5 69.6 70.0 70.0	76.8 77.2 77.3 77.8 77.4	73.6 74.0 74.1 74.6 74.4	69.9 70.2 70.4 70.8 70.7	77.5 77.9 78.0 78.4 78.1	68.4 68.9 69.3 69.8 69.5	64.2 64.7 65.0 65.4 65.3	72.7 73.2 73.5 74.1 73.6	67.2 67.7 66.1 66.5 68.1	62.9 63.4 63.7 64.0 63.8	
961	74.2 74.5 74.8 74.7 74.7 74.9	70.4 70.9 71.0 71.2 71.2 71.3	77.8 78.1 78.1 78.2 78.2 78.2	74.8 75.1 75.2 75.3 75.3 75.4	71.1 71.5 71.7 71.8 71.9 72.0	78.4 78.7 78.7 78.7 78.7 78.9	70.3 71.0 71.1 71.3 71.2 71.4	66.1 66.8 67.2 67.4 67.2	74.4 75.0 74.9 75.0 75.0 75.1	68.9 69.4 69.6 69.7 69.5	64.5 65.1 65.4 65.8 65.3 65.5	

NA Not available.

Source: U.S. National Center for Health Statistics, Vital Statistics of the United States, annual; and unpublished

Source: 1973-1961, S.K. Henshew and E. Blaine, eds., Abortion Services in the United States, Each State and Metropol Area, 1991-1982. The Alan Guttmacher Institute, New York, NY, 1985 (copyright); 1982 and 1983, S.K. Henshew, "Characteris of U.S. Women Having Abortions, 1982-1983". Family Planning Perspectives, vol. 19, No. 1, Jan./Feb. 1987, The Alan Guttmac Institute, New York, NY.

### NO. 107. SELECTED LIFE TABLE VALUES: 1959 TO 1985

3 1960, excludes Alaska and Hawaii. Beginning 1970, excludes deaths of nonresidents of the United States. See Historical Statistics, Colonial Times to 1970, series B 116-125]

		- 14	WHITE			-	BLACK	0 -
AGE AND SEX	1959- 1961	1969- 1971	1975	1980	1985	1975	1980	1985
AVERAGE EXPECTATION OF LIFE IN YEARS		-					150	
Male.	67.6	67.9	69.5	70.7	71.9	62.4	63.8	65.3
Female	74.2	75.5	77.3	78.1	78.7	71.3	72.5	73.5
Male		50.2	51.5	52.4	53.3	45.2	46.0	47.4
Female	56.3	57.2	58.8	59.4	59.8	53.7	54.3	55.3
Male	31.7	31.9	33.1	34.0	34.7	28.8	29.1	30.2
Female	37.1	38.1	39.5	40.1	40.4	35.3	35.7	36.6
Malo	23.2	23.3	24.4	25.2	25.8	21.6	21.6	22.5
Male			30.4	30.9				
Female	28.1	29.1			31.1	27.2	27.3	27.9
Male	13.0	13.0	13.8	14.2	14.6	13.1	12.9	13.3
	15.9	16.9	18.2	18.5	18,7	16.7	16.5	17,0
AL DEATHS EXPECTED PER 1,000 ALIVE AT SPECIFIED AGE 1								
Male	25.9	20.1	15.9	12.3	10.6	28.4	23.4	19.9
Female	19.6	15.3	12.3	9.7	8.0	24.1	19.5	16.5
Male and the second sec	1.6	1.9	1.8	1.8	1.5	2.8	2.4	1.5
Female	.6	.6	.6	.6	.5	1.0	.7	.6
Male	3.3	3.4	2.9	2.6	2.5	8.0	7.0	6.7
Female	1.9	1.9	1.7	1.4	1.3	4.0	3.3	2.5
Male	9.6	8.9	8.0	7.1	6.2	16.2	15.1	13.1
Female	4.7	4.7	4.2	3.8	3.5	8.5	7.8	6.7
Male	33.9	33.9	30.0	27.5	24.9	38.1	39.3	36.1
Female	17.4	15.6	13.7	13.7	13.5	20.9	21.9	20.9
MBER SURVIVING TO SPECIFIED AGE PER 1,000 BORN LIVE		16. 11			100	100	Tin.	1.5
Male	959	964	970	975	979	954	961	967
Female	971	976	980	983	986	966	972	976
Male	924	925	935	939	946	863	883	898
Female	953	957	964	969	973	929	941	948
Male		877	890	901	912	772	798	819
Female		929	939	947	953	876	893	908
Female	658	652	695	723	745	521		581
	807	809	834	847	856		545	749
Female	807	909	034	047	936	704	728	/45

footnote 1, table 109.

### No. 105. Average Lifetime in Years, by Sex-States: 1979-1981

14	BOTH	SEXES		-	1 No. 11	вотн	SEXES		-		вотн	SEXES		
	Num- ber	Rank	Male	Fe- male	STATE	Num- ber	Rank	Male	Fe- male	STATE	Num- ber	Rank	Male	Fe- male
	73.88	(x)	70.11	77.62	KSKY	75.31 73.06	8	71.60 69.14	78.99 77.12	ND	75.71 73.49	5 35	72.09 69.85	79.68
-	72.53	45	68.28	76.79	LA	71.74	50	67.64	75.89	OK		131	69.63	77.81
www	72.24	46	68.71	76.87	ME		19	70.7B	78.41	OR	74.99	14	71.35	78.77
		21	70.46	78.34	MD	73.32	38	69,71	76.83	PA	73.58	34	69.90	77.16
	73.72	29	69.73	77.83	MA	75.01	13	71.27	78.46	Al	74.76	18	70.96	78.33
	74.57	20	71.09	78.02	MI	73.67	131	70.07	77.29	SC	71.85	49	67.56	76.12
aven	75.30	9	71.78	78.80	MN	76.15	2	72.52	79.82	SD		16	71.03	79.21
	75.12	12	71.51	78.57	MS	71.98	48	67,64	76.39	TN	73.30	39	69.15	77.47
marin.	73.21	40	69.56	76.78	MO	73.84	1 27	69.92	77.72	TX	73.64	33	69.70	77.67
MANAGE	69.20	(x)	64.55	73.70	MT	73.93	25	70.47	77.68	UT	75.76	4	72.38	79.18
-	74.00	1 23	70.08	77,98	NE	75.49	6	71.73	79.29	VT	74.79	17	71.06	78.49
	72.22	47	68.01	76.35	NV	72.64	44	69.26	76.48	VA	73.43	36	69.60	77.27
	77.02	1	74.08	80.33	NH	74.98	15	71.43	78.42	WA	75.13	11	71.74	78.57
	75.19	10	71.52	79.15	NJ	74.00	1 23	70.48	77.39	WV	72.84	43	68.86	76.93
	73.37	37	69.55	77.13	NM	74.01	22	69,91	78.34	WI	75.35	7	71.86	78.87
	79 94	1 27	70.16	77.46	NY		30	70.02	77.18	WY	77 05	26	69.95	78.20
Tire to	75.81	3	72.00	79.60	NC	72.96	42	68.60	77.35	A		1	1	100

It applicable. Florida and New Jersey share the same rank of 23; Indiana and Missouri share the same rank of 27; and Oklahoma share the same rank of 31. Therefore, the numbers 24, 28, and 32 are omitted in order for the States to

It U.S. National Center for Health Statistics, U.S. Life Tables and Actuarial Tables, 1959-61 and 1969-71; and Vital tof the United States, annual; and unpublished data.

It: U.S. National Center for Health Statistics, U.S. Decennial Life Tables for 1979-81, Vol. II State Life Tables (each State), 1985.

NO. 109. EXPECTATION OF LIFE AND EXPECTED DEATHS, BY RACE, SEX, AND AGE: 1985

		EXPECTAT	ION OF LIFE	N YEARS		E	XPECTED D	EATHS PER PECIFIED A	1,000 ALIV	E
(years)	Total	W	nite	Ble	ick	Total	W	nite	Bis	ack
t birth	Total	Male	Female	Male	Female	Total	Male	Female	Male	Fe
As blob	74.7	71.0	70.7	06.0	70.6	10.69	10.59	8.03	19.94	
At Dirth	74.7	71.9 71.6	78.7 78.4	65.3 65.7	73.5	.70	.74	.54	1.14	
2	73.6	70.7	77.4	64.7	73.8 72.8	.54	.55	.42	92	ı
3		69.7		63.8	72.0	.43		.34	.92 .74	
	72.6		76.5		71.9	.43	.43	.34	./4	
4	71.7	68.7	75.5	62.9	70.9	.35 .31 .27 .25	.35	.28	.61	
5	70.7	67.8	74.5	61.9	70.0	.31	.31	.24	.52	1
6	69.7	66.8	73.5	60.9	69.0	.27	.28	.21	.44	1
7	68.7	65.8	72.5	59.9	68.0	.25	.26	.19	.38	1
8	67.7	64.8 63.8	71.5	59.0	67.1	.22	.24	.17	.34	
9	66.8	63.8	70.6	58.0	66.1	.20	.21	.16	.31	
10	65.8	62.9	69.6	57.0	65.1	.18	.19	.14	.29 .31 .38 .50	
11	64.8	61.9	68.6	56.0	64.1 63.1	.19	.20	.15	.31	1
12	63.8	60.9	67.6	55.0	63.1	.23	.27	.17	.38	1
13	62.8	59.9	66.6	54.1	62.1	.32	.41	.22	.50	1
14	61.8	58.9	65.6	53.1	61.1	.45 .59	.60	.29	.66	
15	60.9	58.0	64.6	52.1	60.2	59	.81	.37	.85	1
16	59.9	57.0	63.7	51.2	59.2	.72	1.00	44	1.04	1
17	58.9	56.1	62.7	50.2	58.2	.84	1.17	.44 50	1.24	1
18,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	58.0	55.1	61.7	49.3	57.2	.92	1.30	.52	1.45	1
19	57.0	55.1 54.2	60.7	48.4	56.3	.97	1.38	.51	1.66	1
00		60.0			1					1
20	56.1	53.3	59.8	47.4	55.3	1.02	1.47	.50	1.89	
21	55.1	52.3	58.8	46.5	54.3 53.4	1.08	1.55	.50	2.11	
22	54.2	51.4	57.8	45.6		1.11	1.60	.49		1
23	53.3	50.5	56.9	44.7	52.4	1.12	1.61	.49	2.43	
24	52.3	49.6	55.9	43.8	51.4	1.12	1.58	.50	2.53	1
25	51.4	48.7	54.9 53.9	42.9	50.5	1.12	1.54	.50 .51	2.61	1
26	50.4	47.7	53.9	42.1	49.5	1.11	1.51	.51	2.71	
27	49.5	46.8	53.0	41.2	48.6	1.12	1.49	.52	2.86	
28	48.5	45.9	52.0	40.3	47.6	1.15	1.49	.53	3.07	1
29	47.6	44.9	51.0	39.4	46.7	1.19	1.52	.56	3.07 3.33	
30	46.7	44.0	504	00.5	45.0	11 100		.59		1
31	45.7	43.1	50.1 49.1	38.5 37.7	45.8 44.8	1.23 1.28	1.55 1.58	.62	3.61 3.90	1
32	44.8	42.2	48.1	36.8	43.9	1.34	1.62	.66	3.90	1
33			40.1						4.17	1
	43.8	41.2	47.1	36.0	43.0	1.39	1.68	.70	4.41	
34	42.9	40.3	46.2	35.1	42.0	1.45	1.74	.75	4.63	
35	42.0	39.4	45.2	34.3	41.1	1.53	1.82	.80	4.86	
36,	41.0	38.4	44.3	33.5	40.2	1.61	1.91	.87	5.13	1
37	40.1	37.5	43.3	32.6	39.3	1.72	2.02	.95	5.44	
38	39.2	36.6	42.3	31.8	38.4	1.83	2.15	1.04	5.81	1
39	38.2	35.7	41.4	31.0	37.5	1.97	2.29	1.13	5.81 6.23	1
40	37.3	34.7	40.4	30.2	36.6	2.12	2.46	1.25	6.70	1
41	36.4	33.8	39.5	29.4	35.7	2.30	2.66	1.38	7.18	1
42	35.5	32.9	38.5	28.6	34.8	2.50	2.89	1.52	7.67	
43	34.5	32.0	37.6	27.8	33.9	2.72	3.13	1.69	8.15	
44	33.6	31.1	36.6	27.0	33.0	2.97	3,13	1.87	8.63	1
45	32.7	30.2	35.7	20.0	32.1	3.25	3.41			1
46	31.8	29.3	34.8	26.3 25.5	31.3	3.56	4.09	2.07	9.14	
47	31.0	29,3	34.6							1
48	31.0	28.4	33.9	24.7	30.4	3.92	4.51	2.55	10.37	1
49	30.1	27.6 26.7	32.9 32.0	24.0	29.6	4.32	5.00	2.82	11.18	1
43	29.2	20.7	32.0	23.3	28.8	4.76	5,55	3.12	12.11	1
50	28.3	25.8	31.1	22.5	27.9	5.25	6.15	3,46	13.13	1
51	27.5	25.0	30.2	21.8	27.1	5.25 5.77	6.81	3.82	14.20	1
52	26.6	24.2	29.4	21.1	26.3	6.35	7.55	4.21	14.20	1
53	25.8	23.3	28.5	20.5	25.5	6.98	8.40	4.62	16.31	1
54	25.0	22.5		19.8	24.7	7.67	9.34	5.05	17,37	1
55	24.2	21.7	27.6		24.7	7.67	10.34	5.05	10.40	1
56		21./	26.7	19.1	24.0	8.41	10.35	5.52	18.42	1
57	23.4	21.0	25.9	18.5	23.2	9.20	11.43	6.03	19.58	1
		20.2	25.0	17.8	22.5	10.06	12.58	6.61	21.00	1
58 59	21.8	19.5 18.7	24.2	17.2 16.6	21.7 21.0	11.00 12.02	13.80 15.10	7.27 8.00	22.78 24.84	1
	1	March Carl			0.00	The second	1	100	100	1
60	20.3	18.0	22.6	16.0	20.3	13.12	16,49	8.80	27.16	1
61	19.6	17.3	21.8	15.4	19.6	14.29	17.99	9.66	29.51	1
62	18.8	16.6	21.0	14.9	19.0	15.50	19.57	10.54	31,65	1
63	18.1	15.9	20.2	14.4	18.3	16.74	21.24	11,46	33.38	1
64	17.4	15.3	19.4	13.8	17.6	18.03	23.02	12.42	34.84	1
65	16.7	14.6	18.7	13.3	17.0	19.39	24.89	13.45	36.14	1
70	13.5	11.6	15.0	10.8	13.8	29.31	38.54	20.79	50.61	1
75	10.6	9.0	11.7	8,7	11.0	43.96	58.93	32.83	60.01	19
80					11.1				68.24	19
85 and over	6.0	6.8	8.7	6.8 5.7	8.6	67.00	89,27	53.59	95.77	اما
	0.0	5.1	6.4	5.7	6.9	1,000.00	1,000.00	1,000.00	1,000.00	1-10

<sup>&</sup>lt;sup>1</sup> Based on the proportion of the cohort who are alive at the beginning of an indicated age interval who will die before rea the end of that interval. For example, out of every 1,000 people alive and exactly 50 years old at the beginning of the p between 5 and 6 (5.25) will die before reaching their 51st birthdays.

Source: U.S. National Center for Health Statistics, Vital Statistics of the United States, annual.

#### No. 110. DEATHS AND DEATH RATES, BY SEX AND RACE: 1960 TO 1986

per 1,600 population for specified groups. Except as noted, excludes deaths of nonresidents of the U.S. Excludes hs. For explanation of age-adjustment, see text, section 2. The standard population for this table is the total population had States enumerated in 1940. See Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series B 167-3 181-192)

ND RACE	1980 1	1970	1975	1970	1975	1980	1961	1902	1902	1984	1905	1986,1 1 prel.
* (1,000) 10)	976	1,921 1,078 843	1,863 1,051 842	1,928 1,055 872	1,914 1,045 989	1,863 1,075 915	1,978 1,064 914	1,978 1,056 918	2,019 1,072 947	2,039 1,077 953	2,006 1,098 989	2,000 1,101 990
0) ,000) ,000) ) ,000)	661 644	1,682 942 740 226 126 98	1,660 918 743 218 124 94	1,660 920 770 221 125 97	1,678 910 766 221 124 96	1,739 934 805 233 130 103	1,731 925 806 229 127 101	1,729 919 810 227 126 101	1,766 932 834 233 126 106	1,782 935 647 236 129 107	1,819 950 989 244 134 111	1,826 953 876 247 134 113
rates *	9.5 11.0 8.1	9.5 10.9 8.1	8.8 10.0 7.6	8.7 9.8 7.6	9.6 7.5	8.8 9.8 7.9	9.5 7.8	8.5 9.4 7.7	8.5 9.4 7.9	8.8 9.4 7.9	8.7 9.5 8.1	8.7 9.4 8.1
	9.5 11.0 8.0 10.4 11.8	9.5 10.9 8.1 10.0 11.9	8.9 10.0 7.8 8.8 10.6	8.8 9.8 7.8 8.6 10.2	8.7 9.8 7.7 8.4 10.0	8.9 9.8 8.1 8.8 10.3	8.6 9.7 8.0 8.4 9.9	8.7 9.5 8.0 8.2 9.6	8.8 9.6 8.2 8.3	8.9 9.5 8.2 8.3 9.6	9.0 9.6 8.4 8.5 9.8	9.0 9.6 8.4 9.6
hasted death	9.1	8.3	7.3	7.1	7.0	7.3	7.1	6.9	9.6 7.1	7.1	7.3	7.3
	7.6 9.5 5.9	7.1 9.3 5.3	8.2 8.4 4.6	6.0 7.9 4.4	8.8 7.7 4.2	8.5 7.8 4.3	8.7 7.5 4.2	9.5 7.3 4.1	5.8 7.3 4.1	5.8 7.2 4.1	<b>8.5</b> 7.2 4.1	6.4 7.1 4.1
······································	7.3 9.2 5.6	6.8 8.9 5.0	6.0 8.0 4.4	5.7 7.6 4.2	5.5 7.4 4.0	5.6 7.5 4.1	5.4 7.2 4.0	5.3 7.1 3.9	5.3 7.0 3.9	5.2 6.9 3.9	5.2 6.9 3.9	5.2 6.8 3.9
······································	10.7 12.5 9.2	10.4 13.2 8.1	8.9 11.6 6.7	8.3 10.9 6.2	8.1 10.7 6.1	8.4 11.1 6.3	8.0 10.7 6.0	7.8 10.4 5.8	7.8 10.2 5.9	7.7 10.1 5.9	7.8 10.2 5.9	7.1 10.0 5.0

i deaths of nonreeldents of the U.S. <sup>8</sup> Based on a 10-percent sample of deaths. <sup>8</sup> Includes other races, not rately.

### U.S. Netional Center for Health Statistics, Vital Statistics of the United States, annual; and unpublished data.

NO. 111. DEATH RATES, BY AGE, SEX, AND RACE: 1960 TO 1986 [Number of deaths per 100,000 population in specified group. See headnote, table 110]

AR, AND RACE	All ages !	Under 1 yr. old	1-4 yr. old	5-14 yr. old	15-24 yr. old	25-34 yr. old	35-44 yr. old	45-54 yr. old	55-64 yr. old	65-74 yr. old	75-84 yr. old	85 yr. old and over
MALE P	1,105	3,059	120	56	152	188	373	992	2,310	4,914	10,178	21,186
	1,090	2,410	93	51	189	215	403	959	2,283	4,874	10,010	17,822
	1,002	1,786	77	41	174	199	345	859	2,019	4,409	9,154	18,135
	977	1,429	73	37	172	196	299	767	1,815	4,105	8,817	18,801
	936	1,198	57	32	142	174	270	677	1,705	3,813	8,446	18,119
	945	1,197	58	32	141	178	278	669	1,693	3,788	8,504	18,325
	938	1,157	56	32	152	190	287	667	1,648	3,660	8,297	18,168
70	1,087	2,113	84	48	171	177	344	883	2,203	4,810	10,099	18,552
	983	1,230	66	35	167	171	257	699	1,729	4,036	8,830	19,097
	960	1,039	52	30	136	157	241	609	1,614	3,717	8,500	18,789
	955	990	51	30	146	167	251	607	1,580	3,616	8,305	18,537
70	1,187	4,299	151	67	321	560	957	1,778	3,257	5,803	9,455	12,222
	1,034	2,587	111	47	209	407	690	1,480	2,873	5,131	9,232	16,099
	977	2,135	89	41	174	347	642	1,283	2,623	4,889	9,298	15,046
	964	2,140	84	44	190	379	636	1,282	2,500	4,562	9,103	15,506
EMALE <sup>2</sup>	809 808 761 785 793 807 807	2,321 1,864 1,411 1,142 968 932 912	98 75 63 55 47 45 45	37 32 27 24 21 21	61 68 60 58 51 50 53	107 102 84 76 69 69 70	229 231 191 159 142 138 140	527 517 455 413 375 373 352	1,196 1,099 994 934 918 919 914	2,872 2,580 2,237 2,145 2,096 2,095 2,098	7,633 6,678 5,743 5,440 5,188 5,220 5,133	19,006 15,516 14,455 14,747 14,064 14,343 14,154
70	813	1,615	66	30	62	84	193	463	1,015	2,471	6,699	15,980
	806	963	49	23	56	65	138	373	876	2,067	5,402	14,980
	837	787	40	19	48	59	121	340	864	2,028	5,171	14,579
	838	758	40	19	52	61	124	319	863	2,036	5,087	14,328
70 rel. <sup>5 4</sup>	829 733 728 732	3,369 2,124 1,757 1,760	129 84 71 76	44 31 28 29	112 71 60 60	231 150 136 140	533 324 278 278	1,044 768 654 634	1,986 1,561 1,502 1,471	3,861 3,057 2,926 2,956	6,692 6,212 6,252 6,061	10,707 12,367 12,156 12,671

i unknown age. \* Includes other races not shown separately. \* Includes deaths of nonresidents. \* Based on it sample of deaths.

U.S. National Center for Health Statistics, Vital Statistics of the United States, annual; and unpublished data.

### Vital Statistics

No. 112. DEATHS AND DEATH RATES, BY STATE: 1970 TO 1986

[Excludes deaths of nonresidents of the U.S., except as noted. See Appendix III. For composition of regions, see fig. I, inside f

		N	IMBER (	JF UEAT	ns (1,0	00)		_	HA	I PER	1,000 P	UPULAT	
REGION, DIVISION AND STATE		By Sta	te of re	sidence		By St occur	rence I		By Sta	e of re	sidence		By Sta
	1970	1980	1983	1984	1985	1985	1986, prel.	1970	1980	1983	1984	1985	1985
United States	1,921	1,990	2,019	2,039	2,086	2,089	2,099	9.5	8.8	8.6	8.6	8.7	8.8
Region:	499	480	475	478	485	484	483	10.2	9.8	9.6	9.6	9.7	9.7
Northeast	541	524	475 525	522	532	529	536	9.6	8.9	8.9	8.8	9.0	8.9
Midwest	541 593	659	684	692	713	717	727	9.5	8.7	8.6	8.6	8.7	8.8
West	288	327	334	347	356	359	354	8.3	7.6	7.2	7.4	7.4	7.5
New England	116	115	114	116	118	119	116	9.8	9.3	9.2	9.2	9.3	9.4
New England	11	11	11	11	11	11	11	11.1	9.6	9.5	9.4	9.8	9.8
New Hampshire Vermont	7	8 5	8 5	8 5	8 5	8 5	8	10.0	9.0	8.3	8.2	8.5	8.3
Massachusetts	57	55	54	55	56	56	54	10.1	9.6	9.4	9.5	9.6	9.7
Rhode Island	9	9	9	9	10	10	10	10.0	9.8	9.7	9.8	10.0	10.2
Connecticut	26	27	27	28	28	28	27	8.6	8.8	8.7	8.8	8.9	8.9
Middle Atlantic		365	361	362	367	365	367	10.3	9.9	9.7	9.8	9.9	9.8
New York	188	173	170	171	172	171	173 69	10.3	9.8	9.6 9.3	9.6	9.7	9.7
New Jersey Pennsylvania	68 127	124	121	122	71 124	124	125	9.5	9.4	10.2	10.3	9.4	10.5
	2.50	1.25	7 4 6	V.	100		(33)	2.33	100	100	100	100	200
East North Central	100	365 98	365 98	363 97	370 99	366 99	372 100	9.4	8.8 9.1	9.1	9.0	8.9 9.2	9.2
Indiana	49	47	48	47	48	48	50	9.3	8.6	8.7	8.6	8.8	8.8
Illinois	111	103	102	101	102	99	101	10.0	9.0	8.9	8.8	8.9	8.6
MichiganWisconsin	76 41	75 41	77	77	79	77	79 42	9.2	8.1	8.5 8.6	8.5 8.6	8.7 8.7	8.5 8.7
	100	4,	4,	-		3.	1.7	9.2	100	8.0	0.0	6,7	6.7
West North Central	164	159	160	159	162	163	164	10.1	9.2	9.2	9.1	9.2	9.3
lowa	34 29	33 27	34 28	34 27	35 28	35	35	10.4	9.3	8.2 9.5	9.3	8.3 9.7	9.5
Missouri	52	50	50	49	50	52	54	11.1	10.1	10.0	9.8	10.0	10.3
North Dakota	6	6	6	6	6	6	6	9.1	8.6	8.2	8.1	8.2	8.7
South Dakota	15	14	15	15	15	15	15	9.9	9.5	9.5	9.3	9.3	9.3
Kansas	22	22	22	22	22	22	22	9.7	9.3	9.0	9.1	9.0	8.8
													4.5
South Atlantic	290	330	345	350 5	364	365	374	9.5	8.9	8.9	8.9	9.0 8.8	9.1
Maryland	33	34	35	35	37	36	37	8.4	8.1	8.2	8.2	8.3	8.2
District of Columbia	9	7	7	7	7	9	8	11.7	11.1	10.9	10.8	11.2	14.3
West Virginia	39 20	19	19	19	45 19	45 20	46 20	11.5	9.9	7.9	7.9 9.8	10.0	7.8
North Carolina	45	48	50	51	53	53	55	8.8	8.2	8.3	8.3	8.5	8.5
South Carolina	23	25	26	26	27	26	27	8.8	8.1	8.0	8.0	8,1	7.8
Georgia	42 75	105	113	115	121	122	125	9.1	10.7	10.5	8.0 10.4	10.7	10.8
	1000	10.3	1115	110	1		1	300	100	1,500	1	51	1
East South Central		134	135	136	140 35	142	143	10.0	9.1	9.1	9.1	9.3	9.4
Tennessee	38	41	42	42	43	46	34 47	10.3	8.9	8.9	9.0	9.4	9.2
Alabama	34	36	36	37	38	37	37	9.8	9.1	9.0	9.2	9.3	9.3
Mississippi		24	24	24	25	24	24	10,5	9.4	9.3	9.2	9.4	9.1
West South Central	175	195	204	206	209	210	211	9.1	8.2	7.9	7.9	7.9	7.9
Arkansas	21	23	23	24	24	24	24 37	10.7	9.9	10.0	10.1	10.2	10.1
Louisiana	33 27	36	36	36 29	37	37	29	9.2	8.5 9.3	8.2	8.0	8.3 9.0	8.3 8.7
Oklahoma Texas	94	108	115	117	118	120	122	8.4	7.6	7.3	7.3	7.2	7.3
Mountain	100	90	-		1,000	00		100					1
Montana	7	80	83	87	88	90	92	9.5	7.0 8.5	6.8	8.2	6.9 8.2	7.0
Idaho	6	7	7	7	7	7	7	8.6	7.2	7.3	7.3	7.1	6.8
Wyoming Colorado	17	19	20	20	20	21	21	8.8 7.9	6.9	6.1	6.2	6.4	6.1
New Mexico	7	9	9	10	10	10	10	7.3	7.0	6.6	6.4	6.7	6.7
Arizona	15	21	23	24	25	25	26	8.4 6.7	7.9	7.6	7.8	7.7	8.0
Utah Nevada	7	8	9	9 7	9 7	9	9	7.9	5.6 7.4	5.3 7.1	5.5	5.5 7.7	8.4
	1			11.2		120	1 2	1.9	1.4	100	1.4	1000	
Pacific	221	247	251	260	268	269	262	8.3	7.8	7.5	7.6	7.7	7.7
Washington	30	32	33	34 23	35 24	35 24	33 23	8.8 9.3	7.7 8.3	7.6 8.5	7.8 8.7	7.8 8.9	7,8
California	166	187	188	196	202	203	198	8.3	7.9	7.5	7.6	7.7	7.7
Alaska	1	2	5	2	2	2	2	4.8	4.3	3.9	3.8	4.0	4.0
Hawaii	4	5	5	6	6	6	6	5.2	5.2	5.4	5.4	5.5	5.8

Includes deaths of nonresidents.

Source: U.S. National Center for Health Statistics, Vital Statistics of the United States, annual; and unpublished (

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#### 13. INFANT, MATERNAL, AND NEONATAL MORTALITY RATES, AND FETAL MORTALITY RATIOS, BY RACE: 1960 TO 1985

B per 1,863 live births, except as noted. Beginning 1970, excludes deaths of nonresidents of U.S. See also Appendix III and Historical Statistics, Colonial Times to 1970, series B 136-147]

ITEM	1960	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
eaths 1	26.0	20.0	16.1	15.2	14.1	13.8	13.1	12.6	11.9	11.5	11.2	10.8	10.6
-	22.9	17.8	14.2	13.3	12.3	12.0	11.4	11.0	10.5	10.1	9.7	9.4	9.3
and other	43.2	30.9	24.2	23,5	21.7	21.1	19.8	19.1	17.8	17.3	16.8	16.1	15.8
**************************************	44.3	32.6	26.2	25,5	23.6	23.1	21.8	21.4	20.0	19.6	19.2	18.4	18.2
I deaths 2	37.1	21.5	12.8	12.3	11.2	9,6	9.6	9.2	8.5	7.9	8.0	7.8	7.8
	26.0	14.4	9.1	9.0	7.7	6.4	6.4	6.7	6.3	5.8	5.9	5.4	5.2
and other	97.9	55.9	29.0	26.5	26.0	23.0	22.7	19.8	17.3	16.4	16.3	16.9	18.1
<b>k</b>	103.6	59.8	31.3	29.5	29.2	25.0	25.1	21.5	20.4	18.2	18.3	19.7	20.4
aths 5	16.1	14.2	10.7	10.5	9.9	9.7	9.4	9.2	9.0	8.9	8.4	8.2	7.9
	14.1	12.4	9.5	9.3	8.7	8.5	8.4	8.2	8.0	7.9	7.4	7.4	7.0
and other	26.8	22.6	16.0	15.2	14.6	14.7	13,8	13.4	12.8	12.7	12.2	11.5	11.3
I deaths 1	18.7	15.1	11.6	10.9	9.9	9.5	8.9	8.5	8.0	7.7	7.3	7.0	7.0
	17.2	13.8	10.4	9.7	8.7	8.4	7.9	7.5	7.1	6.8	6.4	6.2	6.1
and other	26.9	21.4	16.8	16.3	14.7	14.0	12.9	12.5	11.8	11.3	10.8	10.2	10.3
A	27.8	22.8	18.3	17.9	16.1	15.5	14.3	14.1	13.4	13.1	12.4	11.8	12.1

seents deaths of infants under 1 year old, exclusive of fetal deaths.

100,000 live births from deliveries and complications of pregnancy, childbirth, and the puerperium. Beginning 1979 deaths silled according to the initrit nevision of the Infantational Classification of Diseases; for the earlier years classified according vision in use at the time; see text, section 2.

naing 1970, includes only those deaths with stated or presumed period of gestation of 20 weeks or more; for prior years, gestational age not stated.

4 Represents deaths of infants under 26 days old, exclusive of fetal deaths.

x: U.S. National Center for Health Statistics, Vital Statistics of the United States, annual; and unpublished data.

#### O. 114. FETAL AND INFANT DEATHS-NUMBER AND PERCENT DISTRIBUTION: 1960 TO 1985

iguirements for reporting of fetal deaths vary. Most States require reporting of fetal deaths of gestations of 20 weeks or There is substantial evidence that not all fetal deaths for which reporting is required are reported. For details of dology, see Appendix III and source)

			NUM	BEA				PE	RCENT DI	STRIBUTIO	ON	
		Fetal	deaths	In	fant deal	ths		Fetal	deaths	In	ant deat	his
YEAR	Total			Neo	natal	Post-	Total			Neor	natal	Post-
		Early '	Late *	Early <sup>3</sup>	Late 4	neo- natal <sup>5</sup>		Early 1	Late *	Early <sup>a</sup>	Late 4	neo- natal
	179,353	16,496	51,984	71,125	8,608	31,140	100.0	9.2	29.0	39.7	4.8	17.4
and the section of th	153,725	15,383	45,476	59,678	6,741	26,447	100.0	10.0	29,6	38.8	4.4	17.2
interconnections, or		17,170	35,791	50,821	5,458	18,388	100.0	13.5	28.0	39.8	4.3	14.4
		8,995	24,801	31,396	5,020	14,109	100.0	10.7	29.4	37.2	6.0	16.7
		9,200	23,911	29,497	5,090	13,678	100.0	11.3	29.4	36.2	6.3	16.8
		9,399	23,654	27,839	5,021	14,115	100.0	11.7	29.6	34.8	6.3	17.6
		10,013	22,288	26,607	5,011	14,327	100.0	12.8	28.5	34.0	6.4	18.3
		10,402	22,567	26,051	4,929	14,685	100.0	13.2	28.7	33.1	6.3	18.7
****************		10,754	22,599	25,492	5,126	14,908	100.0	13.6	28,7	32.3	6.5	18.9
SHOODHODOUR	75,901	11,126	21,470	24,384	4,737	14,184	100.0	14.7	28.3	32.1	6.2	18.7
-		11,028	21,666	23,706	4,629	14,066	100.0	14.7	28.9	31.6	6.2	18.7
		10,933	19,819	22,315	4,192	14,120	100.0	15.3	27.8	31.3	5.9	19.8
and the second and th		10,963	19,136	21,566	4,125	13,889	100,0	15.7	27.5	31.0	5.9	19.9
APPARATURE AND ADDRESS OF THE PARAMETERS OF THE	69,691	10,958	18,703	21,865	4,314	13,851	100.0	15.7	26.8	31.4	6.2	19.9

<sup>7</sup> weeks gestation. 28 weeks or more gestation. Less than 7 days. 47-27 days. 28 days—11 months.

s: U.S. National Center for Health Statistics, Vital Statistics of the United States, annual.

No. 115. Infant Deaths and Infant Mortality Rates by Cause of Death: 1980 to 1985

[Excludes deaths of nonresidents of U.S. Deaths classified according to ninth revision of *International Classification of Diseases*. See also Appendix III]

aine acterni		NUN	BER		PER	CENT D	STRIBU	TION	INF	ANT MORT	ALITY RAT	E '
CAUSE OF DEATH	1980	1983	1984	1985	1980	1983	1984	1985	1980	1983	1984	1985
Total	45,526	40,627	39,580	40,030	100.0	100.0	100.0	100.0	1,260.3	1,116.5	1,078.7	1,064.5
Congenital anomalies	9,220	8,732	8,548	8,561	20.3	21.5	21.6	21.4	255.2	240.0	233.0	227.7
drome	5,510	5,305	5,245	5,315	12.1	13.1	13,3	13.3	152.5	145.8	142.9	141.3
drome	4,989	3,682	3,557	3,691	11.0	9.1	9,0	9.2	138.1	101.2	96.9	98.2
gestation and unspecified low birthweight Newborn affected by ma-	3,648	3,332	3,262	3,257	8.0	8.2	8.2	8.1	101.0	91.6	88.9	86.6
ternal complications of pregnancy	1,572	1,452	1,406	1,335	3.5	3.6	3.6	3.3	43.5	39.9	38.3	35.5
birth asphyxia	1,497	1,199	1,170	1,158	3.3	3.0	3.0	2.9	41.4	32.9	31.9	30.8
prenatal period	971	870	889	955	2.1	2.1	2.2	2.4	26.9	23.9	24.2	25,4
cord, and membranes Accidents and adverse ef-	985	869	887	891	2.2	2.1	2.2	2.2	27.3	23.9	24.2	23.7
fects	1,166	956	838	890	2.6	2.4	2.1	2.2	32.3	26.3	22.8	23.7
Pneumonia and influenza All other causes	1,012	769 13,461	685 13,093	705 13,272	32.9	1.9	33.1	1.8 33.2	28.0 414.1	21.1 369.9	18.7 356.8	18.7 352.9

<sup>&</sup>lt;sup>1</sup> Deaths of infants under 1 year old per 100,000 live births.

Source: U.S. National Center for Health Statistics, Vital Statistics of the United States, annual.

#### No. 116. INFANT MORTALITY RATES, BY RACE-STATES: 1980 AND 1985

[Deaths per 1,000 live births, by place of residence. Represents deaths of infants under 1 year old, exclusive of fetal deaths. Excludes deaths of norresidents of the United States. See Appendix III and Historical Statistics, Colonial Times to 1970, series B 143-147, for U.S. total by race)

	TOT	AL 1	WH	HTE	BL	ACK		TOT	AL I	WH	IITE	BL	ACK
DIVISION AND STATE	1980	1985	1980	1985	1980	1985	DIVISION AND STATE	1980	1985	1980	1985	1980	1985
U.S	12.6	10.6	11.0	9.3	21.4	18.2	So. Atl.—Con.						
N. Eng	10.5	9.2	10,1	8.5	17.7	20.1	WV	13.6	11.5	11.9	9.3	19.8	19.2
ME		9.1	9.4	9.2	11.4	12.0	NC	14.5	11.8	12.1	9.4	20.0	17.8
NH		9.3	9.9	9.2	2 22.5	29.9	SC	15.6	14.2	10.8	9.6	22.9	21.8
VT	44.4	8.5	10.7	8.5	22.0	20.0	GA	14.5	12.7	10.8	9.5	21.0	19.0
MA	200	9.1	10.1	8.2	16.8	20.8	FL	14.6	11.3	11.8	9.2	22.8	17.8
		8.2	10.9	8.1	17.4	2 10.7			1,000	0.00		-	1
RI	11.2					20.9	E. So. Cent	14.5	12.1	11.8	9.7	21.8	16.7
CT	11.2	10.0	10.2	8.5	19.1	20.9	KY		11.2	12.0	10.3	22.0	20.5
Mid. Atl	12.8	40.0				17.6	TN	13.5	11.4	11.9	8.9	19.3	20,2
MIG. AU	12.6	10.8	11.1	9.3	21.1		AL	15.1	12.6	11.6	10.4	21.6	173
NY	12.5	10.8	10.B	9.4	20.0	16.1	MS	17.0	13.7	11.1	9.3	23.7	18.1
NJ announted announced		10.6	10.3	8.8	21.9	18.8		1.52	lo d	10.00	132	100	
PA	13.2	11.0	11.9	9.5	23.1	20.4	W. So. Cent		10.4	11,1	9.3	19.8	16.
F N- 0				44	44.		AR	12.7	11.6	10.3	10.9	20.0	14.
E. No. Cent		10.9	10.9	9.3	24.4	20.2	LA		11.9	10.5	8.6	20.6	17.
OH	12.8	10.3	11.2	9.3	23.0	16.9	OK	12.7	10.9	12.1	10.8	21.8	18.
IN		10.9	10.5	10.0	23.4	19.5	TX	12.2	9.8	11.2	9.0	18.8	15
Lannamananan	14.8	11.7	11.7	9.3	26.3	21.4	1	13.4	44				100
M	12.8	11.4	10.6	9.3	24.2	22.4	Mt	11.0	9.8	10.7	9.7	19.5	13
WI	10,3	9.1	9.7	8.5	18.5	17.4	MT	12.4	10.3	11.8	9.8	-	E 13
	1	1		100	130	100	ID.,	10.7	10,4	10.7	10.5	2 25 9	20
W. No. Cent	11.3	9.5	10.5	9.0	21,3	16.0	WY	9.8	12.2	9.3	12.2		
MN	10.0	8.8	9.6	8.8	20.0	15.5	CO		10.6	9.8	9.1	19.1	= 1/
IA	11.8	9.5	11.5	9.4	27.2	2 12.3			9.7	11.8	9.4	18.4	1
MO	12.4	10.2	11.1	9.0	20.7	17.0	AZ		9.6	10.5	9.7	27.3	1.7
ND.	12.1	8.5	11.7	8.4	# 27.5	# 6.9			8.5	10.0	8.7	20.6	2 4
SD	10.9	9.9	9.0	8,9	-	-	NV	10.7	0.5	10.0	0.7	20.0	1.
NE		9.6	10.7	9.0	25.2	17.7	Pac	11.2	9.7	10.9	9.4	17.8	
KS	10.4	9.3	9.5	9.0	20.6	14.4	WA		10.7	11.5	10.9	16.4	1.7
	7.4	1 2 2	1	100	4.000	1	OR.	12.2	9.9	12.2	9.7	15.9	14.3
So. Atl	14.5	12.1	11.6	9.4	21.6	19.2	CA		9.5	10.6	9.2	18.0	1.1
DE	13.9	14.8	9.8	11.6	27.9	25.8	AK consumerous		10.8	9.4	9.6	₹ 19.5	22
MD		11.9	11.6	9.1	20.4	18.9	Hi	10.3	8.8	11.6	7.5	111.8	2.5
DC	25.0	20.8	17.8	≥ 10.8	26.7	23.7			3.0	1.00	1.0	1	1.

Represents zero.
 <sup>1</sup> Includes other races, not shown separately.
 <sup>9</sup> Based on a frequency of less than 20 deaths.
 Source: U.S. National Center for Health Statistics, Vital Statistics of the United States, annual; and unpublished data.

#### 17. DEATH RATES, 1960 TO 1985, AND DEATHS, 1970 TO 1985, FROM SELECTED CAUSES

1970, excludes deaths of nonresidents of the U.S. For explanation of age-adjustment, see text, section 2. The standard in for this table is the total population of the United States enumerated in 1940. Beginning 1979, deaths classified to ninth revision of International Classification of Diseases; for earlier years, classified according to revision in use at See also Appendix III and Historical Statistics, Colonial Times to 1970, series B149-166]

AUSE OF DEATH		CRUDE DE 100,000 F				DEAT	H RATE 100,000 PULATIO	S PER		DEATHS (1,000)	
	1960	1970	1980	1984	1985	1970	1980	1985	1970	1980	1985
1908	954.7	945.3	878.3	862.3	873.9	714.3	585.8	546.1	1,921.0	1,989.8	2,086.4
ovascular diseases	515.1 369.0 38.7	496.0 362.0 38.3	436.4 336.0 38.3	411.6 323.5 37.5	409.6 323.0 37.0	340.1 253.6 35.5	256.0 202.0 34.5	224.0 180.5 33.1	1,008.0 735.5 38.3	968.5 761.1 38.2	977.9 771.2 37.0
t disease ansive heart disease a mic heart disease disease of endocardium at forms of heart disease ansive disease ansive forms of heart disease ansive forms of heart disease ansive forms of heart disease ansive forms of heart disease ansive forms of heart disease ansive forms of heart disease ansive forms of heart disease.	10.3 37.0 296.9 } 24.9	7.3 7.4 328.1 { 3.3 15.9	3.5 10.9 249.7 3.2 68.7	2.9 10.0 228.9 3.7 78.1	2.8 9.9 224.8 4.0 81.5	6.3 4.9 228.1 2.3 12.0	2.6 6.8 149.8 2.0 40.8	1.9 5.9 125.5 2.2 45.1	14.9 15.0 666.7 6.7 32.3	7.8 24.8 565.8 7.2 155.5	6.6 23.7 536.8 9.5 194.6
sion *ascular diseases	7.1 108.0 20.0 11.0	4.1 101.9 15.6 12.5	3.5 75.1 13.0 8.8	3.3 65.3 10.3 9.2	3.2 64.1 10.0 9.2	2.9 66.3 8.4 8.8	2.0 40.8 5.7 5.5	1.8 32.3 4.0 5.4	8.3 207.2 31.7 25.3	7.8 170.2 29.4 20.0	7.8 153.1 23.9 22.0
t of total	149.2 15.6	162.8 17.2	183.9 20.9	191.8 22.2	193.3 22.1	129.9 18.2	132.8 22.7	133.6 24.5	330.7 17.2	416.5 20.9	461.6 22.1
ive organs and	22.2	34.2	47.9	52.3	53.3	28.4	36.4	38.8	69.5	108.5	127.3
organs	50.8 21.6 13.4 7.1 7.1	46.6 20.3 14.7 7.6 7.1	48.8 20.5 15.8 7.9	49.3 20.7 16.8 7.9	48.8 20.8 16.9 7.9	35.2 15.6 12.6 5.7	33.0 13.6 12.5 5.2	31.6 13.0 12.7 5.0	94.7 41.2 29.9 15.5	110.6 46.4 35.9 17.8	116.6 49.7 40.4 18.9
ind adverse effectshicle	52.3 21.3 31.0	56.4 26.9 29.5	7.3 46.7 23.5 23.3	7.2 39.3 19.6 19.7	7.3 39.1 19.2 19.9	5.8 53.7 27.4 26.3	5.4 42.3 22.9 19.5	5.0 34.7 18.8 16.0	14.5 114.6 54.6 60.0	16.5 105.7 53.2 52.5	93.5 45.9 47.6
structive pulmonary dis- and allied conditions 4	9,9 1.8 5.2 3,0 (*)	15.2 2.9 11.2 1.1 (*)	24.7 1.6 6.1 1.3 15.7	29.2 1.5 5.6 1.5 20.6	31.3 1.5 5.9 1.6 22.2	11.6 2.1 8.4 1.0 (°)	15.9 1.0 4.0 1.0 9.9	18.7 .8 3.7 1.2 12.9	30.9 5.8 22.7 2.3 (*)	56.1 3.7 13.9 2.9 35.6	74.7 3.6 14.2 3.9 53.0
and influenza	6 37.3 6 32.9 4.4	30.9 29.0 1.8	24.1 22.9 1.2	24.9 24.4 .5	28.3 27.5 .9	22.1 20.8 1.3	12.9 12.4 .5	13.4 13.0 .3	62.7 59.0 3.7	54.6 51.9 2.7	67.6 65.6 2.1
ellitus	16.7 10.6 11.3	18.9 11.6 15.5	15.4 11.9 13.5	15.1 12.4 11.6	15.5 12.3 11.2	14.1 11.8 14.7	10.1 11.4 12.2	9.6 11.5 9.6	38.3 23.5 31.4	34.9 26.9 30.6	37.0 29.5 26.8
nd legal intervention	7.6 4.7	4.4 B.3	7.4	8.5	8.9	3.5 9.1	4.5	4.9 8.3	8.9 16.8	16.8 24.3	21.3
nditions originating in the period	37.4	21.3	10.1	8.0	8.1	(x)	(x)	(x)	43.2	22.9	19.2
anomalies	1.1 12.2 4.3 2.7 6.3	1.7 8.3 3.4 2.4 4.2	4.2 6.2 2.2 2.7 2.7	6.4 5.5 2.9 2.7 2.8	7.2 5.4 3.4 2.8 2.8	1.4 (x) 2.8 2.0 3.2	2.6 (x) 1.8 2.0 1.7	4.1 (x) 2.8 1.9 1.5	3.5 16.8 6.9 4.8 8.6	9.4 13.9 5.1 6.2 6.1	17.2 12.8 8.1 6.7 6.6
abdominal cavity and obstruction s	5.1 1.9	3.6 1.7	2.4	2.2	2.2	2.6 1.3	1.4	1.1	7.2 3.4	5.4 3.2	5.4 3.7
is and other disorders of er deficiencies of the deficiencies of kidney is	2.6 (*) 4.3 6.1 1.3 .5 2.5	2.0 1.2 4.0 2.6 .8 .5 1.1	1.5 1.0 1.2 .9 .6 .4	1.3 1.1 .9 .7 .5 4 .2 2	1.2 1.2 .8 .7 .5 4 .2 .3	1.3 .8 2.8 2.2 .8 .5 .6	.8 .5 .7 .6 .6 .3 .2 .2	.6 .5 .4 .5 .4 .3 .1	4.0 2.5 8.2 5.2 1.7 1.0 2.2 1.3	3.3 2.4 2.7 2.0 1.4 .8 .8	3.0 2.9 2.0 1.8 1.2
signs, and ill-defined s	11.4 39.7	12.7 53.5	12.7 53.0	12.6 59.6	13.0 64.4	10.4 44.0	9.8 36.8	9.3 40.2	25,8 108,8	28.8 120.0	31.0 153.0

pplicable, on resident population enumerated as of Apr. 1 for 1960, 1970, and 1960 and estimated as of July 1 for other years, without renal disease. \*\* Includes other types of malignancies not shown separately. \*\* Prior to 1960, deta are bronchitis, emphysema, and astima. \*\* Included in "all other causes." Comparable data not available separately. It is preumonia of newborn. \*\* Includes neopleams of unspecified nature; beginning 1960 also includes carolnoma in Without mention of hernia.

No. 118. DEATH RATES BY SELECTED CAUSES AND SELECTED CHARACTERISTICS: 1960 TO 1985 [Deaths per 100,000 population in specified group. See headnote, table 117]

YEAR AND CHARACTERISTIC	Total 1	Dis- eases of heart	Malig- nant neo- plasms	Accidents and adverse effects	Cerebro- vascular diseases	Chronic obstructive pulmonary diseases 2	Pneu- monia, flu	Sul- cide	Chronic liver dis- ease, cirrho- sis	Die bet me tu
ALL RACES 3				100						
Both sexes: 1980, age-adjusted 1970, age-adjusted 1980, age-adjusted 1984, age-adjusted 1985, age-adjusted 1985, age-adjusted 15-24 years old 25-34 years old 45-54 years old 65-74 years old 65-74 years old 75-84 years old	123.4 207.2 516.3 1,282.7 2,838.6 6,445.1 15,480.3	286.2 253.6 202.0 183.6 180.5 2.8 8.2 38.0 152.9 439.1 1,080.6 2,712.6 7,275.0	125.8 129.9 132.8 133.5 133.6 5.4 13.1 45.7 169.1 450.5 838.3 1,281.0 1,591.5	49.9 53.7 42.3 35.0 34.7 48.4 37.8 31.6 31.3 36.6 50.5 107.7 254.3	79.7 66.3 40.8 33.4 32.3 8 2.1 7.2 21.1 54.3 171.3 605.8 1.837.5	(*) (4) 15.9 17.7 18.7 .5 .6 1.6 10.2 47.5 147.9 291.6 360.0	28.0 22.1 12.9 12.2 13.4 .6 1.5 3.3 7.2 18.5 57.8 241.3 1,023.5	10.6 11.8 11.4 11.6 11.5 12.9 15.6 15.6 16.7 18.5 24.1 19.1	10.5 14.7 12.2 10.0 9.6 22 3.0 9.8 22.0 33.8 32.6 19.8	10 14 10 20 55 120 214
Male: 1960, age-adjusted. 1970, age-adjusted. 1980, age-adjusted. 1984, age-adjusted. 1984, age-adjusted * 15-24 years old. 25-34 years old. 35-44 years old. 45-54 years old. 65-74 years old. 85 years old. 85 years old.	777.2 716.7 716.8 141.1 178.0 278.3 669.0 1,692.6 3,787.7 8,504.2	375.5 348.5 280.4 252.2 247.7 3.5 11.5 58.4 236.9 651.9 1,508.4 3,498.0 8,123.7	143.0 157.4 165.5 164.5 6.5 13.0 42.3 174.5 531.1 1,085.6 1,840.2 2,413.7	73.9 80.7 64.0 52.3 51.8 74.1 60.8 49.2 47.4 54.5 67.9 149.3 358.7	85.4 73.2 44.9 36.4 35.2 .8 2.2 7.4 23.1 62.8 197.8 661.4 1,703.2	(*) (*) 26.1 27.9 27.9 .5 .6 11.6 11.2 60.1 215.0 505.4 746.3	35.0 28.8 17.4 16.7 18.2 .8 1.9 4.3 9.5 25.6 81.9 338.2 1,339.2	16.6 17.3 18.0 18.7 18.8 21.4 24.5 22.3 23.5 26.8 33.3 53.1 55.4	14.5 20.2 17.1 14.1 13.6 2 3.9 14.1 31.1 48.5 52.5 45.5 28.7	12 13 10 9 9 11 4 9 26 60 128 205
Female: 1960, age-adjusted 1970, age-adjusted 1980, age-adjusted 1984, age-adjusted 1984, age-adjusted 1985, age-adjusted 15-24 years old. 25-34 years old. 35-44 years old. 45-54 years old. 65-74 years old. 65-74 years old. 85 years old. 85 years old.	372.5	205.7 175.2 140.3 129.3 127.3 2.1 5.0 18.3 73.8 250.3 745.3 2,245.2 6,935.7	111.2 106.8 109.2 111.1 111.4 4.3 13.1 49.1 164.0 379.1 644.6 948.3 1,262.9	26.8 28.2 21.8 18.7 18.6 22.3 14.9 14.6 16.1 20.8 36.8 82.9 212.6	74.7 60.8 37.6 31.1 30.0 .8 2.1 6.9 19.3 46.8 150.5 572.7 1,891.2	(*) 8.9 11.4 12.5 .5 .5 1.5 9.1 36.3 95.4 164.5 205.6	21.8 16.7 9.8 9.1 10.1 .5 1.1 2.3 5.0 12.2 38.9 183.6 897.3	5.0 6.8 5.4 5.2 4.9 4.4 5.9 7.1 8.3 7.7 6.9 6.8 4.6	6.9 9.8 7.9 6.4 6.1 .1 2.0 5.6 13.4 20.7 25.8 25.0 16.3	15 14 10 9 9 12 25 12 12 12 12 18
WHITE Both sexes: 1960, age-adjusted 1970, age-adjusted 1980, age-adjusted 1984, age-adjusted 1985, age-adjusted	679.6 559.4 523.6 523.1	281.5 249.1 197.6 179.5 176.1	124.2 127.8 129.6 130.2 130.7	47.6 51.0 41.5 34.6 34.1	74.2 61.8 38.0 31.1 30.1	(*) (*) 16.3 18.2 19.2	24.6 19.8 12.2 11.6 12.8	11.1 12.4 12.1 12.4 12.3	10.3 13.4 11.0 9.3 8.9	12 000
Male: 1960, age-adjusted 1970, age-adjusted 1980, age-adjusted 1984, age-adjusted 1985, age-adjusted	917.7 893.4 745.3 689.9 688.7	375.4 347.6 277.5 249.5 244.5	141.6 154.3 160.5 159.0 159.2	70.6 76.2 62.3 51.3 50.4	80.3 68.3 41.9 33.9 32.8	(*) (*) 26.7 27.6 28.5	31.0 26.0 16.2 15.8 17.4	17.5 18.2 18.9 19.7 19.9	14.4 18.8 15.7 13.2 12.6	11
Female: 1960, age-adjusted 1970, age-adjusted 1980, age-adjusted 1984, age-adjusted 1985, age-adjusted	555.0	197.1 167.8 134.6 124.0 121.7	109.5 107.6 107.7 109.9 110.3	25.4 27.2 21.4 18.5 18.4	68.7 56.2 35.2 28.9 27.9	(*) (*) 9.2 11.8 12.9	19.0 15.0 9.4 8.8 9.8	5.3 7.2 5.7 6.6 5.3	6.6 8.7 7.0 5.9 5.6	12 12
BLACK Both sexes: 1960, age-adjusted	1,044.0 842.5	334.5 307.6 255.7 235.8 236.2	142.3 156.7 172.1 174.8 173.0	56.4 74.4 51.2 40.6 41.8	140.2 114.5 68.5 56.7 55.0	(*) (*) 12.5 14.2 15.0	56.4 40.4 19.2 17.2 18.5	4.7 6.1 6.4 6.4	11.7 24.8 21.6 15.8	2221
Male: 1960, age-adjusted 1970, age-adjusted 1980, age-adjusted 1984, age-adjusted 1985, age-adjusted	1,246.1 1,318.6 1,112.8 1,011.7 1,024.0	381.2 375.9 327.3 300.1 301.0	158.5 198.0 229.9 234.9 231.6	100.0 119.5 82.0 64.7 66.7	141.2 122.5 77.5 62.8 60.8	(*) (*) 20.9 22.8 23.9	70.2 53.8 28.0 25.2 26.8	7.8 9.9 11.1 11.2 11.3	16.1 14.8 33.1 30.6 22.5 23.4	
Female: 1960, age-adjusted 1970, age-adjusted 1980, age-adjusted 1984, age-adjusted 1985, age-adjusted	916.9 814.4 631.1 585.3 589.1	292.6 251.7 201.1 186.6 186.8	127.8 123.5 129.7 131.0 130.4	35.9 35.3 25.1 20.1 20.7	139.5 107.9 61.7 51.8 50.3	(*) (*) 6.3 8.1 8.7	43.9 29.2 12.7 11.3 12.4	1.9 2.9 2.4 2.3 2.1	8.9 17.8 14.4 10.3 10.1	Make and

<sup>Includes other causes, not shown separately.
Includes allied conditions.
Includes other races, not shown separately.
Includes other races, not shown separately.
Includes persons under 15 years old, not shown separately.</sup> 

Source: U.S. National Center for Health Statistics, Vital Statistics of the United States, annual.

#### No. 119. DEATH RATES, BY CAUSE-STATES: 1985

ier 190,000 resident population estimated as of July 1. By place of residence. Excludes nonresidents of U.S. Causes h classified according to ninth revision of *International Classification of Diseases*. For composition of regions, see fig. I, ront cover]

DIVISION, STATE	Total I	Dis- eases of heart	Malig- nant neo- plasms	Cerebro- vascular dis- eases	Accidents and adverse effects	Chronic obstructive pulmonary diseases 2	Pneu- monia, flu	Dia- betes melli- tus	Sul- cide	Chronic liver dis- ease and cirrhosis	Ath- ero- scle- rosis	Homi- cide and legal inter- vention
	873.9	323.0	193.3	64.1	39.1	31.3	28.3	15.5	12.3	11.2	10.0	8.3
<u>SI</u>	973.5	387.0	222.7	62.4	31.9	31.2	31.6	18.7	9.1	13.8	9.8	6.4
	898.3	343.3	196.1	68.2	35.3	31.9	29.6	16.4	11.9	9.7	12.2	6.6
	871.2	311.6	188.6	67.9	45.0	29.6	25.6	14.9	13.1	9.8	9.1	10.6
	744.9	250.8	164.9	54.4	41.6	33.4	28.0	12.0	15.0	12.7	9.1	8.6
	932.1	351.8	220.3	63.2	32.5	33.1	33.5	16.6	10.2	11.5	11.2	3.5
	979.4	369.2	222.3	67.4	37.4	44.9	30.0	16.4	14.2	11.5	16.8	2.7
	849.1	304.4	210.7	59.6	35.4	36.1	25.1	19.6	13.5	8.8	10.7	1.7
	871.4	325.2	189.2	62.6	39.3	42.8	26.0	14.4	14.2	10.8	10.1	3.6
	955.4	360.9	224.4	65.0	31.9	32.0	38.3	16.0	9.1	13.0	10.3	3.6
	997.6	382.5	242.5	65.9	27.7	36.4	28.0	23.3	10.0	11.1	14.6	4.0
	888.4	338.7	215.4	58.9	31.2	27.0	31.6	15.3	9.0	9.9	10.0	4.0
	987.6 969.9 940.7 1,043.9	399.1 403.0 368.8 412.5	223.4 213.8 225.8 236.2	<b>62.1</b> 58.2 59.9 69.3	31.6 30.1 30.0 35.1	30.6 28.7 29.0 34.3	31.0 33.9 28.0 28.4	19.4 17.8 18.9 22.0	8.7 6.8 7.9 12.1	14.6 17.0 15.2 10.5	9,3 8,6 9,0 10,4	7.3 9.6 5.5 5.0
	887.5	344.0	198.4	65.4	33.7	30.8	27.0	16.9	11.8	10.6	11.5	7.6
	920.6	355.9	208.0	65.9	32.5	33.7	27.2	19.7	11.9	9.1	11.1	5.1
	876.3	323.2	197.4	75.2	36.7	33.8	23.5	18.6	11.8	9.1	13.1	6.0
	686.5	351.0	198.0	62.1	32.7	28.6	29.0	15.1	11.1	10.9	9.5	9.0
	666.2	337.3	190.4	60.9	35.4	30.5	24.5	15.3	12.0	13.9	12.9	11.7
	868.8	337.3	194.5	69.8	32.3	27.2	30.2	15.9	12.8	9.0	12.3	3.4
	923.9 830.2 966.1 1,000.4 821.6 932.6 928.5 900.3	341.6 290.1 370.6 367.8 314.5 364.5 347.7 338.5	197.4 180.4 212.6 214.1 177.5 192.5 193.8 184.0	74.7 75.2 80.0 76.2 67.2 74.0 71.5 68.9	38.8 36.9 38.3 40.0 33.1 46.3 36.7 41.3	34.4 28.5 36.3 38.2 26.6 33.2 37.4 34.7	35.9 33.7 40.3 34.5 31.4 40.8 41.9 32.9	15.3 13.4 15.9 15.8 16.8 14.4 14.8 16.9	12.0 10.9 11.6 13.3 12.3 11.4 11.1	7.6 7.9 7.5 7.8 7.2 8.6 7.3 6.9	14.1 12.9 18.2 12.0 15.9 13.6 16.4 13.8	4.4 2.1 2.0 8.6 1.8 3.0 2.9 4.6
	904.3 880.2 833.6 1,120.5 794.1 1,003.8 846.3 812.6 814.3 1,065.6	324.9 331.2 298.7 340.3 281.4 401.3 304.5 285.6 277.1 390.7	203.0 209.5 199.5 255.7 183.5 213.6 178.3 169.3 168.0 251.1	69.8 46.6 51.8 70.8 61.6 70.4 73.9 73.0 71.1 78.0	43.9 35.0 35.7 36.3 38.2 46.3 47.3 49.9 47.5 45.0	31.4 30.9 26.6 22.2 27.1 42.1 26.8 23.7 28.1 40.5	25.7 19.6 21.7 37.1 25.4 30.9 28.2 23.7 26.1 25.3	15.5 24.1 15.8 18.8 11.0 18.1 13.9 15.2 14.2 18.2	13.3 9.5 11.3 6.3 13.2 13.1 12.5 11.8 12.3 16.2	11.4 10.3 9.7 25.7 9.6 10.1 9.1 9.7 10.1 15.0	8.7 6.6 10.1 8.3 9.9 8.4 6.7 7.5	10.0 5.5 8.4 23.4 7.5 4.5 9.1 9.7 11.9
	927.7 935.0 906.8 934.9 944.6	335.1 350.3 331.0 325.6 335.7	194.2 201.0 193.1 196.0 180.9	76.2 71.9 75.0 81.8 76.2	47.8 42.8 46.3 49.1 55.6	33.3 38.6 33.1 32.9 26.5	29.1 33.7 30.7 25.1 25.5	16.1 18.5 12.9 17.5 16.4	11.7 12.9 12.4 10.7 10.4	9.1 8.1 9.6 8.2	9.6 9.0 9.2 11.4 8.6	9.6 6.8 9.1 11.3 11.8
	788.6	277.9	163.5	60.2	45.0	24.9	23.4	13.3	13.6	8.1	9.3	12.1
	1,022.8	383.1	212.7	87.8	50.8	32.7	31.9	14.6	13.4	6.7	10.5	9.0
	825.4	293.8	183.5	59.0	46.2	23.4	19.8	18.7	13.1	8.6	11.3	11.7
	900.8	339.9	185.5	75.3	46.4	32.5	31.2	13.3	14.5	7.6	12.4	8.5
	722.2	245.9	146.5	53.6	43.5	22.7	21.6	11.7	13.6	8.2	8.0	13.4
	687.8	222.6	141.8	44.3	45.6	35.2	23.7	12.8	17.3	10.1	8.5	6.6
	815.0	268.5	174.9	62.1	50.7	41.7	26.5	15.0	17.5	10.3	13.6	5.6
	708.7	243.0	141.2	58.8	48.4	35.4	22.4	13.3	13.4	5.4	9.6	2.6
	642.9	208.6	116.3	38.4	52.0	31.4	24.1	9.8	22.5	9.2	5.5	4.5
	625.7	198.4	124.4	40.1	39.4	34.9	26.7	10.5	18.0	8.6	10.8	5.9
	672.8	192.8	131.7	40.5	56.9	32.9	19.4	15.6	17.5	13.8	6.3	11.0
	771.5	249.8	173.8	46.0	47.8	41.4	24.2	14.4	17.5	12.8	9.0	8.1
	550.1	187.4	92.6	39.3	38.6	21.2	19.5	12.5	13.1	5.5	5.0	2.6
	772.3	266.3	180.4	40.4	43.9	39.4	22.9	10.9	22.4	13.3	4.6	10.9
	765.7	261.1	173.4	58.1	40.1	32.8	29.5	11.7	14.2	13.6	9.4	9.4
	782.8	267.7	180.0	60.3	37.9	35.8	27.1	14.2	14.0	10.0	9.4	5.5
	889.7	308.8	200.6	74.3	45.9	40.5	31.6	12.0	15.6	10.4	15.8	4.5
	766.0	262.0	172.8	57.5	39.5	32.5	30.4	11.4	14.3	15.0	9.1	10.8
	396.2	80.3	76.2	18.0	83.9	12.1	8.0	4.8	14.0	7.5	3.1	8.6
	554.2	177.8	137.4	41.3	26.6	17.6	22.4	13.4	8.9	7.2	4.1	3.5

as other causes not shown separately. \*\* Includes allied conditions.

U.S. National Center for Health Statistics, Monthly Vital Statistics Report, vol. 36, No. 5 and unpublished data.

No. 120. DEATH RATES FROM CANCER, BY SEX, AGE, AND SELECTED TYPE: 1960 TO 1985 [Deaths per 100,000 population in the specified age groups. See headnote, table 121]

AGE AT DEATH AND SELECTED TYPE OF			MALE					FEMALE		_
CANCER	1960	1970	1980	1984	1985	1960	1970	1980	1984	11
Total U.S. rate !	162.5	182.1	205.3	211.1	212.6	136.4	144.4	163.6	173.5	1
25-34 years	18.8	16.3	13.4	12.8	13.0	20.1	16.7	14.0	13.1	
35-44 years	48.9	53.0	44.0	41.7	42.3	70.0	65.6	53.1	51.4	1
45-54 years	170.8	183.5	188.7	177.0		183.0	181.5	171.8	164.4	1
55-64 years	459.9	511.8	520.8		531.1	337.7	343.2	361.7	375.6	3
65 years old and over				1,387.2		709.1	708.3	767.8	808.3	8
65-74 years	890.5	1,006.8	1,093.2	1,088.0	1,085.6	560.2	557.9	607.1	638.1	6
75-84 years	1,389.4	1,588.3	1,790.5	1,826.6	2,413.7	924.1	891.9	903.1	944.2	9
	1,741.2	1.720.8	2,369.5	2,421.2	2,413.7	1,263.9	1,096.7	1,255.7	1,2/1.5	1,2
Persons, 45-54 years old:		70.	20.0	700	70.7				20.0	-
Respiratory, intrathoracic		72.1 45.9	79.8	73.0		10.1	32.5	34.8	35.8	
Digestive organs, peritoneum	33.2	40.9	44.3	42.0	41.7	38.9 51.4	52.6	27.8 48.1	26.4 45.8	3
Genital organs	4.0	3.4	3.4	3.0	3.1	44.8	34.4	24.1	20.6	
Lymphatic and hematopoietic tissues, excl.	1	0.4	-	0.0	V		94.4		20.0	
leukemia	11.6	12.8	10.2	10.1	10.0	7.1	8.3	6.6	6.5	
Urinary organs	8.3	8.0	7.4	7.6	7.5	3.5	3.5	3.3	3.0	
Lip, oral cavity, and pharynx	7.9	7.9	8.2	7.2	6.8	2.8	2.8		2.2	
Leukemia	7.2	6.6	6.2	5.9	5.7	5.3	4.9	4.4	4.7	
Persons, 55-64 years old:	line is	Jane St.	1000	55.67	11-5-17	40.33	1000		-	
Respiratory, intrathoracic	150.2	202.3	223.8	231.2	231.1	17.0	38.9	74.5	89.7	
Digestive organs, peritoneum		139.0	129.3	129.5	129.3	102.2	86.0	79.1	77.0	
Genital organs	1.0	22.8	23.5	24.5	24.3	70.8	77.6 58.2		82.0 43.3	
Lymphatic and hematopoietic tissues, excl.	23.5	22.0	23.5	24.5	24.3	73.0	56.2	46.8	43.3	1
leukemia	23.1	27.1	24.4	24.9	25.0	15.7	17.7	16.8	17.3	. 20
Urinary organs		26.4	22.9	21.8	22.2	9.3	9.4		8.4	
Lip, oral cavity, and pharynx	16.3	20.1	17.9	17.0	15.8	3.8	6.2		5.8	10
Leukemia	16.1	15.4	14.7	14.6	14.6	10.6	9.0	9.3	9.2	
Persons, 65-74 years old:	100		100	5	100	100				1
Respiratory, intrathoracic	221.7	340.7	422.0	426.6	424.8	26.2	45.6	106.1	135.1	4
Digestive organs, peritoneum	334.9		284.1	275.0	272.7	218.0	185.8	173.6	167.9	1
Breast	1.2	1.4	1.1	1.1	1.0	90.0	93.8	101.1	108.0	1
Genital organs	102.1	103.7	107.6	107.2	108.3	97.9	85.6	73.6	70.7	
Lymphatic and hematopoietic tissues, excl.		144	14.7	1335	1000	27.4	1.2	233	130	
leukemia	37.9	50.3	48.1	50.3	52.2	24.5	34.6		36.1	
Lip, oral cavity, and pharynx	57.2 26.5	60.3 26.8	56.9 25.4	52.1 23.8	51.1 23.7	21.6 6.2	20.1 6.7	19.7	18.7	
Leukemia	34.0	35.3	35.3	33.7	34.0	20.2	19.3		19.2	
Persons, 75-84 years old:	100	100	100	-13	de a	100	0.00		-33	
Respiratory, intrathoracic	188.5	354.2	511.5	553.7	559.0	36.5	56.5	98.0	128.0	1
Digestive organs, peritoneum	559.5	507.5	496.6		476.2	422.9	353.3		317.4	3
Breast	1.7	2.7	2.1	1.9	2.3	129.9	127.4	126.4	136.2	
Genital organs	285,9	299.4	315.4	315.8	321.4	119.1	104.9	95.7	93.6	100
Lymphatic and hematopoietic tissues, excl.			135	100	13.5		1	1		150
leukemia	43.9	74.0	80.0	86.4	92.8	31.4	49.4	57.8	63.7	
Urinary organs	98.6	112.2 36.6	112.4 31.4	107.3	106.2 27.6	45.5 11.8	10.8		38.4	
Leukemia	56.5		71.5		70.1	35.5	39.6		38.2	
Persons, 85 years old and over:	11.00	1	Con-	1	1	1400	300	197	1.0	
Respiratory, intrathoracic	132.2	215.3	386.3	442.8	450.2	45.2	56.5	96.3	101.0	4
Digestive organs, peritoneum	676.6		705.8		656.8	601.4	465.0		500.8	
Breast	2.5	2.9	2.6	3.0	3.9	191.9	157.1	169.3	180.0	1
Genital organs	468.2	434.2	612.3	642.8	605.0	131.4	107.3	115.9	107.0	
Lymphatic and hematopoietic tissues, excl.	100	44	East 1	1	1 C N	1000	4000	1	- 020	
leukemia		58.1	93.2	102.5	113.1	25.2	41.7	63.0	69.5	
Urinary organs		140.5	177.0			66.3	59.9		63.6	
Lip, oral cavity, and pharynx	60.7	47.0 83.3	117.1	35.9	32.2	18.2 35.6	19.2 50.9	16.0 61.1	15.5 62.3	
anonmanoning distriction of the second	04.8	03,3	Tite	100.1	110.1	33.0	50.9	01.1	02.3	1

<sup>&</sup>lt;sup>1</sup>Includes persons under 25 years of age and malignant neoplasms of other and unspecified sites, not shown separa Source: U.S. National Center for Health Statistics, Vital Statistics of the United States, annual; and unpublished dat

NO. 121. DEATH RATES FROM HEART DISEASE, BY SEX, AGE, AND SELECTED TYPE: 1960 TO 1985

Deaths per 100,000 population in specified age groups. Beginning 1970, excludes deaths of nonresidents of the United States. Beginning 1979, deaths classified according to the ninth revision of the International Classification of Diseases. For earlier years, classified according to the revision in use at the time; see text, section 2. See Appendix III]

AGE AT DEATH AND SELECTED			MALE			]		FEMALE		
TYPE OF HEART DISEASE	1980	1970	1900	1984	1900	1980	1970	1980	1984	1365
Total U.S. rate 1	430.5	422.5	300.6	345.2	342.8	300.6	304.5	305.1	303.0	904.
25-34 years. 35-44 years. 45-54 years. 55-64 years. 65 years old and over.	20.1 112.7 420.4 1,098.9 3,314.7	15.2 103.2 376.4 987.2 3,258.0	11.4 68.7 282.6 746.8 2,778.6	11.3 59.7 243.2 670.7 2,546.9	11.5 58.4 236.9 651.9 2,519.3	11.3 38.2 127.5 429.4 2,415.6	7.7 32.2 109.9 351.6 2,286.2	5.3 21.4 64.5 272.1 2,027.5	4.6 18.3 75.1 255.4 1,942.4	5.0 18.3 73.0 250.3 1,938.0
65-74 years 75-84 years 85 years old and over	2,291.3 4,742.4 9,768.9	2,170.3 4,534.8 8,426.2	1,726.0 3,834.3 8,752.7	1,537.2 3,535.2 8,154.8	1,508.4 3,498.0 8,123.7	1,281.3 3,582.7 9,016.6	1,082.7 3,120.8 7,591.8	828.6 2,497.0 7,350.5	764.3 2,283.2 6,885.9	745.3 2,245.3 6,935.3
Persons 45-54 years old: lechemic heart	347.1 19.9 23.9	338.0 11.4 4.6	217.3 3.1 6.3	178.0 2.0 8.4	169.9 1.9 8.4	72.4 19.5 21.5	84.0 10.6 4.0	52.2 4.3 5.4	44.9 2.7 4.5	43.: 2.: 4.0
Persons 55-64 years old: lechemic heart Rheumatic heart Hypertensive heart. <sup>2</sup>	685.2 29.0 71.2	904.6 21.5 11.7	581.1 6.2 21.8	495.9 4.9 19.7	474.6 4.2 19.6	295.6 28.4 63.9	299.1 20.8 9.1	169.0 9.2 13.3	170.4 6.8 11.6	163.: 6.: 12.:
Persons 65-74 years old: lechemic heart	1,863.2 31.0 174.3	2,010.0 31.9 30.6	1,355.5 11.8 44.3	1,145.3 9.3 39.5	1,110.8 8.6 36.2	914.8 31.2 175.4	978.0 30.2 24.8	605.3 18.6 36.2	536.6 14.8 31.2	514. 13. 29.0
Persons 75-84 years old: lechemic heart	3,636.6 35.2 401.2	4,222.7 34.8 60.8	2,953.7 16.7 90.7	2,618.0 15.5 79.0	2,544.9 14.7 79.5	2,502.5 37.9 486.3	2,866.3 34.3 83.9	1,842.7 25.4 101.1	1,604.4 24.4 82.9	1,547.9 24. 80.4
Persons 85 years old and over: lechemic heart	6,930.6 46.1 658.2	7,781.5 34.7 182.0	6,501.6 19.5 180.3	5,729.4 17.9 154.4	5,658.9 17.7 150.7	6,009.4 58.0 1,064.8	6,951.5 39.2 223.5	5,280.6 25.8 250.8	4,684.0 27.7 214.1	4,642.1 27.2 213.1

<sup>1</sup> Includes persons under 25 years old, not shown separately. 

2 With or without renal disease.

Source: U.S. National Center for Health Statistics, Vital Statistics of the United States, annual; and unpublished data.

#### No. 122. DEATH RATES FROM ACCIDENTS AND VIOLENCE: 1970 TO 1985

[Rates are per 190,000 population. Excludes deaths of nonresidents of the U.S. Beginning 1979, deaths classified according to the ninth revision of the *international Classification of Diseases*. For earlier years, classified according to the revision in use at the time; see text, section 2. See Appendix III]

	19.7		WH	HTE					BL	ACK		
CAUSE OF DEATH AND AGE		Male		-0	Female	,	-	Male			Female	-
	1970	1980	1985	1970	1980	1985	1970	1980	1985	1970	1980	1985
Total 1	101.9	97.1	84,1	42.4	36.3	32.8	183.2	154.0	123.2	51.7	42.6	35.8
Motor vehicle accidents	39.1 38.2 18.0 6.8	35.9 30.4 19.9 10.9	28.2 26.2 21.5 8.2	14.8 18.3 7.1 2.1	12.8 14.4 5.9 3.2	11.4 12.9 5.6 2.9	44.3 63.3 8.0 67.6	31.1 46.0 10.3 66.6	26.7 37.2 10.8 48.4	13.4 22.5 2.6 13.3	8.3 18.6 2.2 13.5	8.3 14.5 2.1 11.0
15-24 years 25-34 years 35-44 years 45-54 years 55-64 years 55-64 years 65-74 years 75-84 years 85 years old and over	130.7 96.6 85.7 87.5 101.5 216.9 128.0 229.3 466.7	138.6 118.4 94.1 90.8 92.3 163.9 116.7 209.2 438.5	111.8 98.8 80.6 77.1 85.4 155.3 104.2 207.2 427.3	34.9 23.8 25.8 30.4 36.3 122.4 57.7 149.0 391.4	37.3 29.0 29.2 31.8 33.8 87.2 46.4 101.5 268.1	32.3 25.1 25.3 27.4 30.6 81.4 45.4 92.3 223.4	234.3 384.4 345.2 303.3 242.4 220.0 217.4 236.0 271.8	162.0 256.9 218.1 207.3 188.5 215.8 182.2 261.4 379.2	132.8 186.5 175.1 147.9 145.5 186.9 151.5 232.8 344.6	45.5 76.0 77.2 65.5 56.0 107.9 81.5 140.1 214.3	35.0 49.4 43.2 40.2 47.3 102.9 68.7 137.5 235.7	29.4 40.4 36.5 33.1 36.6 84.7 53.4 110.7 197.1

<sup>&</sup>lt;sup>1</sup> Includes persons under 15 years old, not shown separately.

Source: U.S. National Center for Health Statistics, Vital Statistics of the United States, annual.

No. 123, Deaths and Death Rates From Accidents, by Type: 1970 to 1985 [See headnote, table 122, and Appendix III. See also Historical Statistics, Colonial Times to 1970, series B 163-165]

272 2 122 2			DEATHS					RATE		
TYPE OF ACCIDENT	1970	1980	1983	1984	1985	1970	1980	1983	1984	19
Accidents and adverse effects	114,638	105,718	92,488	92,911	93,457	56.4	46.7	39.5	39.3	36
Motor-vehicle accidents	53,493 1,140 1,651 1,612	53,172 51,930 1,242 1,429 1,494	44,452 43,428 1,024 1,316 1,312	46,263 45,208 1,055 1,131 1,234	45,901 44,822 1,079 1,111 1,428	26.9 26.3 .6 .8	23.5 22.9 .5 .6 .7	19.0 18.6 .4 .6	19.6 19.1 .4 .5	15
Railway accidents Accidental fails Fall from one level to another Fall on the same level Fracture, cause unspecified, and other and	16,926 4,798	13,294 3,743 415	12,024 3,372 432	570 11,937 3,269 436	12,001 3,365 411	8.3 2.4 .4	5.9 1.7 .2	5.1 1.4 .2	5.0 1.4 .2	1
unspecified falls	11,300 6,391	9,136 6,043	8,220 5,254	8,232 4,444	8,225 4,407	5.6 3.1	4.0 2.7	3.5	3.5 1.9	1
Accidents caused by— Fires and flames Firearms Electric current		5,822 1,955 1,095	5,028 1,695 872	5,010 1,668 888	4,938 1,649 802	3.3 1.2 .6	2.6 .9 .5	2.1	2.1 .7 .4	
Accidental poisoning by— Drugs and medicines. Other solid and liquid substances	1,174	2,492 597 1,242	2,866 516 1,251	3,266 542 1,103	3,612 479 1,079	1.2	1.1 .3 .5	1.2	1.4	
Complications due to medical procedures	3,581 2,753 10,676	2,437 3,249 10,765	2,660 3,387 9,311	2,628 3,541 8,686	2,852 3,551 9,096	1.8 1.4 5.2	1.1 1.4 4.7	1.1 1.4 4.0	1.1 1.5 3.7	

#### No. 124. SUICIDE RATES, BY SEX, RACE, AND AGE GROUP: 1970 TO 1985 (See headnote, table 122)

		TOTAL 1		-		MA	LE		-			FEM	ALE		
AGE					White	le e		Black		100	White			Black	
	1970	1980	1985	1970	1980	1985	1970	1980	1985	1970	1980	1985	1970	1980	11
All ages !	11.6	11.9	12.3	18.0	19.9	21,5	8.0	10.3	10.8	7.1	5.9	5.6	2.6	2.2	
10-14 years	.6	.8	1.6	1.1	1.4	2.5	.3	.5	1.3	.3	.3	.9	.4	.1	
15-19 years	5.9	8.5	10.0	9.4	15.0	17.3	4.7	5.6	8.2	2.9	3.3	4.1	2.9	1.6	
20-24 years	12.2	16.1	15.6	19.3	27.8	27.4	18.7	20.0	18.5	5.7	5.9	5.2	4.9	3.1	
25-34 years	14.1	16.0	15.2	19.9	25.6	25.4	19.2	21.8	19.6	9.0	7.5	6.4	5.7	4.1	1
35-44 years	16.9	15.4	14.6	23,3	23.5	23.5	12.6	15.6	14.9	13.0	9.1	7.7	3.7	4.6 2.8	
45-54 years	20,0	15.9	15.6	29,5	24.2	25.1	13.8	12.0	13.5	13.5	10.2	9.0	3.7	2.8	Ι.
55-64 years	21.4	15.9	16.7	35.0	25.8	28.6	10.6	11.7	11.5	12.3	9.1	8.4	2.0	2.3	1
65 years and over	20.8	17.8	20.3	41.1	37.5	43.2	8.7	11.4	15.2	8.5	6.5	6.9	2.6	1.4	Ι.
65-74 years	20.8	16.9	18.5	38.7	32.5	35.3	8.7	11.1	15.8	9.6	7.0 5.7	7.3	2.9	1.7	
75-84 years 85 years and	21.2	19.1	24.1	45.5	45.5	57.1	8.9	10.5	15.6	7.2	44.0	7.0	1.7	1.4	
over	19.0	19.2	19.1	45.8	52.8	60.3	8.7	18.9	7.7	5.8	5.8	4.7	2.8		1

#### NO. 125. SUICIDES, BY SEX AND METHOD USED: 1970 TO 1985

[Excludes deaths of nonresidents of the United States. Beginning 1979, deaths classified according to the ninth revision of International Classification of Diseases. For earlier years, classified according to the revision in use at the time; see text, seet 2. See also Historical Statistics, Colonial Times to 1970, series H 979-986]

				MALE							FEMALE			18
METHOD	1970	1975	1980	1982	1983	1984	1985	1970	1975	1980	1982	1983	1984	1
Total	16,629	19,622	20,505	21,625	21,786	22,689	23,145	6,851	7,441	6,364	6,617	6,509	6,597	6,
Firearms 1 Percent of total	9,704 58.4	12,185 62.1	12,937 63.1	13,872 64.1	13,959 64.1	14,504 63.9	14,809 64.0	2,068 30.2	2,688 36.1	2,459 38.6	2,688 40.6	2,641 40.6	2,609 39.5	2,
Poisoning 2 Hanging and	3,299	3,297	2,997	2,927	3,148	3,203	3,319	3,285	3,129	2,456	2,432	2,469	2,406	2,
strangulation 3	2,422 1,204	2,815 1,325	2,997 1,574	3,314 1,512	3,222 1,457	3,478 1,504	3,532 1,485	831 667	846 778	694 755	747 750	709 690	863 719	3

Source of tables 123-125: U.S. National Center for Health Statistics, Vital Statistics of the United States, annual.

Represents or rounds to zero.
 Includes other races not shown separately.
 Includes other age groups not ship separately.

<sup>\*</sup> Includes solids, liquids, and gases.

<sup>&</sup>lt;sup>3</sup> Includes suffocation.

Includes explosives through 1975.
 Beginning 1980 includes explosives.

#### No. 126. MARRIAGES AND DIVORCES: 1970 TO 1984

[For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series A 158-159 and B 214-220]

MARRIAGE AND DIVORCE	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
MARRIAGES		Maria I		1		. 1				
Total (1,000) 1	2,159	2,153	2,178	2,282	2,331	2,390	2,422	2,456	2,446	2,477
Data and 4 000 and 4 Mary 1	17.5	CZ	-		1.3	0.11	52.2		24.4	
Rate per 1,000 population 1	10.6	10.0	9.9	10.3	10.4	10.6	10.6	10,6	10.5	10.5
15-44 years old.	140.2	118.5	109.8	109.1	107.9	102.6	103,1	101.9	99,3	99.0
15 years old and over	76.5	66.9	63.6	64.1	63.6	61.4	61.7	61.4	59.9	59.5
First marriage of bride <sup>3</sup> (1,000)	1,252	1,191	1,147	1,174	1,214	1,221	1,219	1,240	1,218	1,225
Rate per 1,000 single women: 1		1,11				100				1
15 years old and over	4 82.9	4 68.1	4 62.7	4 62.1	4 62.1	66.0	64.9	66.0	63.8	63.5
18-19 years old	151.4	115.0	99.6	95.6	91.7	87.3	80.7	78.5	72.6	72.1
20-24 years old	220.1	143.8	125.6		121.9	119.8	110.0	111.9	106.9	104.4
25-44 years old	825	81.7	78.6	77.1	76.8	74.9	79.3	80.7	79.2	80.5
45-64 years old		9.2	8.6	7.9	7.8	7.0	7.9	8.6	8.4	8.3
65 years old and over			1.0	1.0	.9	.9	.9	.9	.9	.6
Median age at first marriage: 3	1					1 6		-		
Male (years)	22.5	22.7	23.0	23.2	23.4	23.6	23.9	24.1	24.4	24.6
Female (years)		20.8	21.1	21.4	21.6	21.8	22.0	22.3	22.5	22.8
Remarriages of bride 3 5 (1,000)	393	510	532	548	582	591	616	629	629	635
Rate per 1,000 widowed and divorced: 2	000	0.0	JUE	340	JUE	501	0.0	020	UED	000
15 years old and over	1366	* 40.1	4 40.0	* 40.0	* 40.8	38.3	39.9	39.2	38.4	37.6
15-24 years old	0 217 6	319.9	323.5	9 321.5		231.0	280.0	267.7	268.1	249.2
25-44 years old	317.0	144.5		126.8			119.7	119.5	117.4	114.4
						117.3				
45-64 years old			22.1	21.9	21.7	19.7	19.9	20.8	20.9	20.5
65 years old and over		2.5	2.4	2.1	3.0	2.3	2.3	2.2	2.2	2.2
Remarriages of divorced women (1,000) s	270	365	391	406	432	447	475	487	485	490
Rate per 1,000 divorced women: 2				1000	11277	3/2	1.25	25.7	2.5	100
15 years old and over 15–24 years old	123.3	117.2	107.3	105.0	* 104.0	91.3	96.3	94.4	91.6	87.3
15-24 years old	413,4	* 319.6	* 347.3	* 313.7	* 309.1	236.4	282.2	263.6	250.1	244.3
25-44 years old	179.6	158.6	137,3	134.4	135.2	122.8	129.1	129.6	126.0	120.8
45-64 years old	42.6	40.1	35.6	35.6	35.1	30.3	30.2	31.3	31.2	30.4
65 years old and over	6.1	9.1	6,4	6.4	7.4	5.3	5.7	5.3	4.9	4.8
Median age at remarriage: 3		1	1.0		100	0.00	1 5	1 = 5	12.30	
Male (years)	37.5	35.5	34.9	35.1	35.3	35.2	35.3	35.7	36.2	36.8
Female (years)	33.3	32.0	31.4	31.5	31.9	32.0	32.1	32.5	32.9	33.3
DIVORCES 7										
Total (1,000)	708	1,036	1,091	1,130	1,181	1,189	1,213	1,170	1,158	1,169
Rate per 1,000 population	3.5	4.8	5.0	5.1	5.3	5.2	5.3	5.0	4.9	5.0
Rate per 1,000 married women, 15 yr. old and over a	14.9		21.1	21.9	22.8	22.6	22.6	21.7	21.3	21.5
Median duration of marriage * (years)	6.7	6.5	6.6	6.6	6.8	6.8	7.0	7.0	7.0	6.9
Male (years)	30.5	30.2	30.6	30.7	31.0	31.2	31.5	31.9	32.3	32.4
Female (years)			28.4	28.4	28.7	28.9	29.2	29.5	29.8	30.0
Children involved in divorces * (1,000)	870		1,095	1.147	1,181	1,174	1,180	1,108	1.091	1.08

<sup>1</sup> Beginning 1978 includes nonlicensed marriages registered in California.

estimates that were not revised in accordance with 1980 census results.

41; and 1979-1984, 42, includes DC.

414 years old and over.

Fincludes enmarriages of widows and of women whose prior marttal status is unknown.

414-24 years old.

Fincludes annulments.

Number of States reporting: 1970, 39; 1975-1978, 28; 1975 and 1977, 29; 1979 and 1980, 30; and 1981-1984, 31.

Number of States reporting: 1970, 27; 1975-1978, 28; 1979 and 1980, 30; and 1981-1984, 31. Median age computed on grouped ages.

1 454C6NN7:15

Source: U.S. National Center for Health Statistics, Vital Statistics of the United States, annual; Monthly Vital Statistics Report; and unpublished data.

#### No. 127. PERCENT DISTRIBUTION OF MARRIAGES BY MARRIAGE ORDER OF BRIDE AND GROOM: 1970 TO 1984

### [Beginning 1977, excludes lows. Data cover marriage-registration area; see footnote 3, table 126. Excludes marriages with marriage order not stated. Based on a sample and subject to sampling variability; for details, see source]

MARRIAGE ORDER	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Total  First marriage of bride and groom  First marriage of bride, remarriage of groom.  Remarriage of bride, first marriage of groom.  Remarriage of bride and groom	100.0 68.6 7.6 7.3 16.5	100.0 60.1 9.9 8.6 21.3	100.0 57.5 10.8 9.0 22.6		9.5	56.2	54.7	54.8 11.6	54.4 11.6 10.5	54.4 11.5 10.7

Source: U.S. Netional Center for Health Statistics, Vital Statistics of the United States, annual, and unpublished data.

No. 128. MARRIAGES AND DIVORCES-NUMBER AND RATE, BY STATE: 1980 TO 1986

[By place of occurrence, For composition of regions, see fig. inside front cover]

REGION, DIVISION, AND STATE  U.S.  Region: Northeast. Midwest South. West West New England Maine New Hampshire Vermont Massachusetts	540.5	Number (1,000) 1985, prel. 12,425.0 430.3 522.9 935.9 547.7	1986, prel. • 2,400.0	1980 19.6	te per 1, opulation 1985, prel.	1986, prei.	1980	Number (1,000)	1986,	p	te per 1, opulation 1985,	000
Region: Northeast	2,390.3 400.3 569.2 880.2 540.5	976. 12,425.0 430.3 522.9 935.9	• 2,400.0 430.2	-			1980	1985,	1986		1005	
Region: Northeast	400.3 569.2 880.2 540.5	430.3 522.9 935.9	430.2	10.6		b. or.	.500	prel.	prel.	1980	prel.	15 p
Northeast Midwest South West	540.5	522.9 935.9			10.2	10.0	1,189.0	* 1,187.0	* 1,159.0	5.2	* 5.0	
West	540.5	522.9 935.9		1000	3 9 7	1	1.3.0		1000	125	100	1
West	540.5	935.9		8.1	8.6	8.6	174.0	184.7	173.5	3.5	3.7	1
West	540.5	547.7	515.7	9.7	8.8	8.7	292.0	(NA) (NA)	(NA)	5.0	(NA)	1.3
New England Maine	106.3	241.1	925.7 538.5	11.7 12.5	11.4	11.2	449.0 274.0	263.6	(NA) 265.2	6.0 6.3	(NA) 5.5	
Maine		114.9	104.4	8.6	9.1	8.2	49.0	47.3	45.5	4.0	3.7	
Mau Hampehica	12.0 9.3	11.3	12.1	10.7	9.7	10.3	6.2 5.3	6.2	5.6 4.7	5.5 5.7	5.4 5.0	1
Vermont	5.2	5.6	5.6	10.0	10.5	10.4	2.6	2.3	2.4	5.1	4.3	1
Massachusetts	46.3	51.6	40.7	8.1	8.9	7.0	17.9	19.8	20.0	3.1	3.4	ш
Rhode Island	7.5	8.0	8.0	7.9	8.2	8.3	3.6	3.6	3.7	3.8	3.4	
Connecticut	26.0	27.2	26.3	8.4	8.6	8.2	13.5	10.5	9.2	4.3	3.3	1
Middle Atlantic New York	294.0 144.5	315.5 164.9	325.8 4 176.9	8.0 8.2	6.5	8.7 10.0	124.7 62.0	137.4 68.3	128.0 59.5	3.4	3.7 3.8	
New Jersey	55.8	61.9	60.8	7.6	8.2	8.0	27.8	29.3	28.4	3.8	3.9	1
New Jersey Pennsylvania	93,7	88.7	88.2	7.9	7.5	7.4	34.9	39.8	40.1	2.9	3.4	1
East North Central		365.7	<b>359.9</b> 97.0	9.5	8.8	8.6	212.4	(NA) 53.2	(NA) 53.4	5.1	(NA) 5.0	
OhioIndiana	99.8 57.9	94.2 52.7	50.5	9.2	8,8 9,6	9.0	58.8 7 40.0	(144)	(944)	77.3	(200)	L
Illinois	109.8	97.9	96.3	9.6	8.5	8.3	51.0	(NA) 48.4	(NA) 46.5	4.5	(NA) 4.2	1
Michigan Wisconsin	86.9	80.8 40.1	77.8 38.4	9.4 8.7	8.9	8.5	45.0 17.5	37.7 16.9	37.7 16.7	4.9 3.7	4.2 3.5	ı
West North Central		157.3	155.8	10.1	9.0	8.9	79.6	73.9	73.7	4.6	4.2	1
Minnesota	37.6	34.5	35.0	9.2	8.2	8.3	15.4	13.8	13.9	3.8	3.3	1
lowa	27.5	24.7	23.4	9.4	8.6	8.2	11.9	10.6	10.2	4.1	3.7	1
Missouri	54.6	49.0	50.3	11.1	9.7	9.9	27.6	25.4	25.9	5.6	5.0	L
North Dakota	6.1	5.5	5.2	9.3	8.0	7.6	2.1	2.3	2.3	3.3	3.4	١.
South Dakota	8.8 14.2	7.8 12.2	7.4 12.0	12.7	11.1	10.5	2.8	2.6	2.6	4.1	3.6	1
Nebraska Kansas	24.8	23.6	22.6	9.1	7.6 9.6	7.5 9.2	13.4	12.8	6,2 12.6	4.1 5.7	4.0 5.2	
South Atlantic	413.1	443.6	442.5	11.2	11.0	10.8	206.3	210.8	211.1	5,6	5,2	
Delaware	4.4	5.3	5.5	7.5	8.6	8.6	2.3	3.0	3.1	3.9	4.8	
Maryland District of	46.3	47.1	46.0	11.0	10.7	10.3	17.5	16.2	15.5	4.1	3.7	ı
Columbia	5.2	5.0	5.1	8.1	8.1	8.2	4.7	2.8	2.4	7.3	4.5	1
Virginia	60.2	66.7	66.8	11.3	11.7	11.5	23.6	24.2	25.0	4.4	4.2	1
North Carolina	17.4	14.6 50.6	13.8 50.2	8.9 7.9	7.6 8.1	7.2	10.3	10.0	9.8 31.7	5.3 4.8	5.2 4.8	1
West Virginia North Carolina South Carolina	53.9	52.8	54.1	17.3	15.8	16.0	13.6	13.6	13.5	4.4	4.1	ш
Georgia	70.6	73.5	72.0	12.9	12.3	11.8	34.7	33.0	32.6	6.4	5.5	1
Georgia	108.3	127.9	129.0	11.1	11.3	11.1	71.6	77.6	77.6	7.3	6.8	ı
East South Central Kentucky		172.4 46.9	176.7 47.1	* 11.5 * 8.9	11.4	11.6	* 87.5 * 16.7	86.3 18.8	87.9 19.3	* 6.0 * 4.6	5.7 5.0	ı
Tennessee	59.2	54.9	58.9	12.9	11.5	12.3	30.2	30.2	29.2	6.6	6.3	
Alabama	49.0	45.8	46.5	12.6	11.4	11.5	26.7	25.1	25.3	6.9	6.3	k.
Mississippi	27.9	24.7	24.1	11.1	9.5	9.2	13.8	12.2	14.2	5.5	4.7	Г
West South Central.	298.2	319.8	306.5	12.6	12.1	11.4	* 155.0	(NA) 16.2	(NA) 16.6	4 6.5	(NA)	
Arkansas	26.5	30.5	31.2	11.6	12.9	13.1	* 15.9		16.6	* 6.9	6.9	1
Arkansas Louisiana Oklahoma	43.5	39.7	36.7	10.3	8.9	8.1	a 18.1	(NA)	(NA) 24.7	* 4.3	(NA) 8.0	L
Texas	46.5 181.8	35.9 213.8	33.8 204.9	15.4 12.8	10.9	10.2	24.2 96.8	26.4 101.2	99.9	8.0 6.8	6.2	Г
Mountain	241.7	233.2	231.9	21.3	18.2	17.8	86.1	86.0	87.5	7.6	6.7	
Montana	8.3	7.2	6.8	10.6	8.7	8.3	4.9	4.3	4.3	6.3	5.2	1
Idaho	13.4	12.5	10.5	14.2	12.5	10.5	6.6	6.2	6.0	7.0	6.2	1
Colorado	6.9 34.9	5,4 33.9	5.3 32.5	14.6	10.5	10.5	18.6	3.8 19.2	3.6 19.3	8.5 6.4	7.5 5.9	1
New Mexico	16.6	* 14.6	9 14.1	12.8	9 10.1	* 9.6	10.4	9.0	8.9	8.0	6.2	1
Wyoming	30.2	* 35.6	* 36.0	11.1	6 11.2	a 10.9	19.9	21.4	23.4	7.3	6.7	
Utah Nevada	17.0	17.1	16.9	11.6 142.8	10.4	10.1	7.8 13.8	8.6 13.5	8.5 13.5	5.3 17.3	5.2 14.4	R
Pacific	298.8	314.5	306.6	9.4	9.0	8.6	187.9	177.6	177.7	5.9	5.1	(ri
Washington	47.7	44.5	43.8	11.6	10.1	9.8	28.6	25.6	26.1	6.9	5.8	Į.J
Oregon	23.0	22.4	21.6	8.7	8.3	8.0	17.8	15.8	15.5	6.7	5.9	(si
California 10	210.9	226.1	219.0	8.9	8.6	8.1	133.5	127.4	127.6	5.6	4.8 7.7 4.6	911
AlaskaHawaii	11.9	6.2 15.3	5.9 16.3	13.3	11.9	11.1	3.5	4.0	3.8	8.8 4.6	7.7	

NA Not available. \*Data are counts of merriages performed, except as noted. \*Based on total population restil area: population enumerated as of April 1 for 1980, estimated as of July 1 for all other years. \*Includes annula: \*Estimate for U.S. is based on monthly reports adjusted for observed differences from final monthly figures. State figure not adjusted in this manner. \*Estimated. \*For some counties, data are marriage licenses issued. \*Includes dispetitions filed for some counties. \*Data are incomplete. \*Marriage licenses issued. \*In Marriage data include of censed marriages registered.

Source: U.S. Netional Center for Health Statistics, Vital Statistics of the United States, annual; and Monthly Vital Statistics



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#### Section 3

### **Health and Nutrition**

This section presents statistics on health expenditures and insurance coverage; medical personnel; hospitals; nursing homes and other care facilities; incidence of acute and prevalence of chronic conditions; nutritional intake of the population; and per capita food consumption. Summary statistics showing recent trends on health care and discussions of selected health issues are published annually by the U.S. National Center for Health Statistics (NCHS) in Health, United States. Data on national health expenditures, medical costs, and insurance coverage are compiled by the U.S. Health Care Financing Administration (HCFA), and appear in the quarterly Health Care Financing Review, Health Care Financing Notes, (no longer being produced) and in the Annual Medicare Program Statistics series. Statistics on health facilities are collected by NCHS and are published in series 14 of Vital and Health Statistics. Statistics on hospitals are published annually by the American Hospital Association, Chicago, IL, in Hospital Statistics. Primary sources for data on nutrition are the quarterly National Food Review and the annual Food Consumption, Prices, and Expenditures, both issued by the U.S.Depertment of Agriculture. In addition, NCHS conducts periodic surveys of nutrient levels in the population and clinical signs of malnutrition.

National health expenditures.—The HCFA compiles estimates of national health expenditures (NHE) to measure spending for health care in the U.S. The NHE accounts are structured to show spending by type of expenditure (i.e., hospital care, physician care, dental care, other professional care, drugs and medical sundries, medical durable equipment, nursing home care and other personal health expenditures, plus non-personal health expenditures for such items as public health, research, construction of medical facilities, and administration) and by source of funding (e.g., private health insurance, direct payments, and a range of public programs including Medicare, Medicaid and Veterans Administration (VA)).

In all cases except private insurance (HCFA conducts its own survey of part of the health insurance industry), data used to estimate health expenditures come from existing sources which are tabulated for other purposes. The type of expenditure estimates rely upon statistics produced by such groups as the American Hospital Association, the Internal Revenue Service, the Department of Commerce, and the Department of Health and Human Services (HHS). Source of funding estimates are constructed using administrative and statistical records from: the Medicare and Medicaid programs, the Department of Defense and VA medical programs, the Social Security Administration, Census Bureau's Governmental Finances, State and local governments, other HHS agencies, and other nongovernment sources. Detailed descriptions of sources and methods, along with the most recent analysis of health care expenditure estimates, are published in the Health Care Financing Review's annual article on national health expenditures.

Health resources.—Hospital statistics based on data from the American Hospital Association's yearly survey are published annually in *Hospital Statistics*, and cover all hospitals accepted for registration by the Association. To be accepted for registration, a hospital must meet certain requirements relating to number of beds, construction, equipment, medical and nursing staff, patient care, clinical records, surgical and obstetrical facilities, diagnostic and treatment facilities, laboratory services, etc. Data obtained from NCHS cover all U.S. hospitals which meet certain criteria for inclusion. The criteria are published in *Vital and Health Statistics* reports, series 14. In these reports, a hospital is defined as a facility with at least six inpatient beds that is licensed as a hospital by a State, or is operated as a hospital by a Federal or State agency.

Statistics on the demographic characteristics of persons employed in the health occupations are based on data compiled by the U.S. Bureau of Labor Statistics and reported in *Employment and Earnings* (monthly) (see table 627, section 13). Data based on sample surveys of health personnel and utilization of health facilities providing long-term care, ambulatory care, and hospital care are presented in NCHS series 13 and series 14, *Health Resources Utilization Data* and *Manpower and Facilities Data*. Statistics on patient visits to health care providers, as reported in health interviews, appear in NCHS series 10, *National Health Interview Survey Data*.

The HCFA's Health Care Financing Review, Health Care Financing Program Statistics and No series present data for hospitals and nursing homes as well as extended care facilities and ho health agencies. These data are based on records of the Medicare program and differ from the of other sources because they are limited to facilities meeting Federal eligibility standards for puticipation in Medicare.

Data on patients in hospitals for the mentally ill and on mental health facilities are collected the National Institute of Mental Health (NIMH) and appear in *Mental Health*, *U.S.*, the *Mental Health Statistics* reports, (series CN), and the Mental Health Statistical Note series.

Disability and illness.—General health statistics, including morbidity, disability, injuries, prev tive care, and findings from physiological testing, are collected by NCHS in its National Health Irr view Survey and its National Health and Nutrition Examination Surveys and appear in Vital in Health Statistics, series 10 and 11, respectively. The Department of Labor compiles statistics industrial injuries (see Section 13). Annual incidence data on notifiable diseases are compiled the Public Health Service (PHS) at its Centers for Disease Control in Atlanta, Georgia, and are plished as a supplement to its Morbidity and Mortality Weekly Report. The list of diseases is revit annually and includes those which, by mutual agreement of the States and PHS, are communics diseases of national importance.

Nutrition.—Statistics on annual per capita consumption of food and its nutrient value are a mated by the U.S. Department of Agriculture and published quarterly in National Food Review. I torical data can be found in Food Consumption, Prices, and Expenditures, issued annually.

Statistical reliability.—For discussion of statistical collection, estimation, and sampling produces and measures of statistical reliability applicable to data from NCHS and HCFA, see Apper III

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to Historical Statistics of the United States, Colonial Times to 1970. See Appendix IV.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and Mt may also be found in *State and Metropolitan Area Data Book 1986*. For cross-references, see pendix V.

No.129. National Health Expenditures: 1970 to 1986

[includes Puerto Rico and outlying areas]

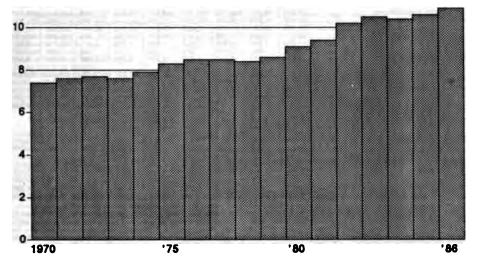
		TOTAL 1				HEALT	H SERVICE	8 AND SU	PPLIE8		
					Priv	rate			Pul	blic	
	<b></b> -				Direct	patient nents	Insur-	Tot	al *	Med	doel
YEAR	Total (bil. dol.)	Per capita (dol.)	Per- cent of GNP <sup>2</sup>	Total <sup>a</sup> (bil. dol.)	Total (bil. dol.)	Per- cent of total private	ance premi- ums <sup>4</sup> (bil. dol.)	Total (bil. dol.)	Per- cent of total health exp.	Medi- care (bil. dol.)	6840
1970	75.0 83.5 94.0 103.4 116.1	349 384 428 487 521	7.4 7.6 7.7 7.6 7.9	44.7 48.9 55.3 60.7 65.8	26.5 28.1 30.6 33.3 36.2	59.3 57.4 55.4 54.8 55.0	16.9 19.3 22.2 24.7 27.9	24.9 28.4 32.1 35.8 42.9	33.2 34.0 34.1 34.6 38.9	7.5 8.3 9.1 10.1 13.1	
1975 1976 1977 1978 1979	132.7 150.8 169.9 169.7 214.7	590 665 743 822 921	8.3 8.5 8.5 8.4 8.6	73.0 84.5 96.7 106.6 120.4	38.1 42.0 48.4 50.7 55.8	52.2 49.8 48.1 47.6 46.4	33.2 40.4 48.0 53.6 62.0	51.3 57.3 64.0 73.3 83.8	38.6 38.0 37.7 38.7 39.0	16.3 19.3 22.5 25.9 30.3	
1980	248.1 287.0 323.6 357.2 391.1	1,054 1,207 1,348 1,473 1,597	9.1 9.4 10.2 10.5 10.4	138.7 160.6 182.2 202.8 224.7	63.0 72.6 79.6 88.7 96.4	45.5 45.2 43.7 43.7 43.8	72.6 84.4 98.7 109.7 121.5	97.5 113.2 127.1 138.9 150.8	39.3 39.4 39.3 38.9 38.6	36.8 44.8 52.4 58.9 64.4	
1985 1986	422.6 458.2	1,710 1,837	10.6 10.9	240.7 262.5	105.3 116.1	43.7 44.2	130.1 140.7	166.5 179.5	39.4 39.2	72.3 77.7	

<sup>&</sup>lt;sup>1</sup> Includes medical research and medical facilities construction. 
<sup>2</sup> GNP=Gross national product; see table 871, <sup>3</sup> See footnote 3, table 130. 
<sup>3</sup> Includes other programs, set 1 separately.

Source: U.S. Health Care Financing Administration, Health Care Financing Review, Summer 1987.

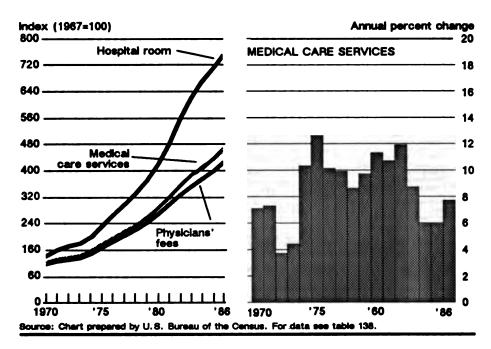
Figure 3.1 National Health Expenditures as Percent of Gross National Product: 1970 to 1986





Source: Chart prepared by U.S. Bureau of the Census. For data see table 129.

Figure 3.2 Indexes of Medical Care Prices: 1970 to 1986



NO. 130, NATIONAL HEALTH EXPENDITURES, BY TYPE: 1970 TO 1986

[in millions of dollars, except percent. Includes Puerto Rico and outlying areas. See also Historical Statistics, Colonial Times I 1970, series B 248-251]

TYPE OF EXPENDITURE	1970	1975	1980	1961	1982	1982	1964	1985	190
Total	74,905		248,110	206,975	323,635	357,185		422,502	458,2
Average annual percent change 1	* 12.3	12.1	13.3	15.7	12.8	10.4	9.5	8.1	
Private expenditures	47.222	76,356	142,938	165,781	188.357	209.658	231,348	246.612	268.
lealth services and supplies	44 662	73,020	138,666	160,631	182,239	202,848	224,689	240,658	262.4
Direct nations nevments	26 498	38,081	63.039	72.620	79.615	88.685	96,414	105,306	116.1
Direct petient payments	16 871	33,178	72,595	64,419	98.679	109.684	121.464	130,139	140.7
Other	1 293	1,761	3,032	3,592	3,945	4,478	4.811	5,214	5.0
Aedical research	215	264	305	318	333	354	363	377	1 7
Medical facilities construction	2,345	3,072	3,967	4,832	5,785	6,456	6,296	5,577	5,0
Public expenditures	27.773	56,324	106,172	121,198	135,278	147,527	159,722	175,900	188
Percent Federal of public	63.6	65.8	67.5	68.7	68.9	69.6	69.9	70.7	1 7
lealth services and supplies	24.933	51,259	97,506	113,170	127,115	138,949	150,752	166.501	179
Medicare *	7.498	16,317	36,814	44,772	52,362	58,860	64,427	72,294	77.
Public assistance medical payments 6 Temporary disability insurance 7	6,321	15,098	28,127	32,255	34,879	37,677	38,286	42,191	45.
Temporary disability Insurance 1	66	73	52	52	53	59			
Workers' compensation (medical) 7	1.409	2,432	5,151	5,695	6,096	6,946	11	1	1
Defense Dept. hospital, medical	1,782	2,830	4,207	4,917	5,709	6,535	Ħ		1
Maternal, child health programs	429	589	892	907	965	1,089	(NA)	(NA)	١,
Public health activities	1.431	3,165	7,294	8,483	9,331	9,946	1) (44)	(164)	1 1
Veterane' hospital, medical care		3,495	5,939	6,512	7,144	7,677	11	ŀ	1
Medical vocational rehabilitation	149	177	216	206	200	233	11	1	ł
State and local hospitals		5,230	5,803	6,253	7,219	6,878	11	}	1
Other *	767	1,851	3,012	3,119	3,155	3,050	1	I	1
viedical research	1.754	3,071	5,134	5,295	5,539	5,800	6,410	6,996	7,
Medical facilities construction	1.086	1,995	2.532	2,728	2.624	2,778	2,559	2.484	2

NA Not available. ¹ Change from prior year shown, except as noted. For explanation of average annual percent changes Guide to Tabular Presentation. ² Change from 1985. ² Covers insurance benefits and amount retained by insuran companies for expenses, additions to reserves, and profits (not cost of insurance). ¹ Includes expenditures not available type. ² Perpresents expenditures for benefits and administrative cost from Federal hospital and medical insurance trust fur under old-age, survivors, disability, and health insurance programs; see text, section 12. ² Payments made directly to supplic of medical care. (Primarily Medicaid.) ¹ Includes medical benefits paid under public law by private insurance carriers and se insurers. ² Expenditures not offset by other revenues. ² Covers expenditures for Alcohol, Drug Abuse, and Mental Health Service; school health and other programs.

Source: U.S. Health Care Financing Administration, Health Care Financing Review, Summer 1987.

#### No. 131. NATIONAL HEALTH EXPENDITURES, BY OBJECT: 1970 TO 1986

[See headnote, table 130. See also Historical Statistics, Colonial Times to 1970, series B 221-235]

OR IFET OF FURPINGS INC.				EXPEND	ITURE (	bil. dol.	)			11	PERCEN	T
OBJECT OF EXPENDITURE	1970	1975	1980	1981	1982	1983	1984	1985	1966	1970	1980	19
Total	75.0	132.7	248.1	287.0	323.6	357.2	391.1	422.6	458.2	100.0	100.0	100
Spent by— Consumers Government Philanthropy and industry	43.4 27.8 3.9	71.3 56.3 5.1	135.6 105.2 7.3	157.0 121.2 8.7	178.3 135.3 10.1	198.4 147.5 11.3	219.9 159.7 11.5	235.4 176.0 11.2	256.9 189.7 11.7	57.8 37.0 5.1	54.7 42.4 2.9	56
Spent for— Health services and supplies Personal health care expenses Hospital care Physicians' services Dentists' services Other professional services <sup>1</sup>	65.4 28.0 14.3	124.3 117.1 52.4 24.9 8.2 2.6	236.2 219.7 101.6 46.8 15.4 5.7	273.8 254.7 119.1 54.8 17.3 6.8	309.4 286.5 135.2 61.8 19.5 8.0	341.8 314.7 146.8 64.8 21.7 9.3	375.4 341.9 156.3 75.4 24.6 10.9	407.2 371.3 167.2 82.8 27.1 12.4	442.0 404.0 179.6 92.0 29.6 14.1	92.8 87.1 37.3 19.1 6.3 2.1	95.2 88.6 41.0 18.9 6.2 2.3	96 88 39 20 6
Drugs and sundries	1.9	11.9 3.2 10.1 3.8	18.8 5.1 20.4 5.9	20.7 5.3 23.9 6.8	22.1 5.8 26.7 7.4	24.5 6.2 29.4 8.3	26.5 7.0 31.7 9.4	28.7 7.5 35.0 10.8	30.6 8.2 38.1 11.9	10.7 2.6 6.3 2.8	7.6 2.0 8.2 2.4	1
tion 3 Government public health activities Medical research Medical facilities construction	2.8 1.4 2.0 3.4	4.0 3.2 3.3 5.1	9.2 7.3 5.4 6.5	10.6 8.5 5.6 7.6	13.5 9.3 5.9 8.4	17.1 9.9 6.2 9.2	22.6 11.0 6.8 8.9	23.6 12.3 7.4 8.1	24.5 13.4 8.2 8.0	3.8 1.9 2.6 4.6	3.7 2.9 2.2 2.6	1

Includes services of registered and practical nurses in private duty, visiting nurses, podiatrists, physical therapists, citri psychologists, chiropractors, naturopaths, and Christian Science practitioners.
 Includes less of optometrists and expendits for hearing aids, orthopedic appliances, artifical limbs, crutches, wheelchairs, etc.
 Includes administrative expenses of feder financed health programs.

Source: U.S. Health Care Financing Administration, Health Care Financing Review, Summer 1987.

# No. 132. HEALTH SERVICES AND SUPPLIES—PER CAPITA NATIONAL AND PRIVATE CONSUMER EXPENDITURES, BY OBJECT: 1970 TO 1986

I dollars, except percent. Based on Social Security Administration estimates of total U.S. population as of July 1, including Armed Forces and Federal employees abroad and civilian population of outlying areas. Excludes research and construction. See also Mistorical Statistics, Colonial Times to 1970, series B 222-232]

OBJECT OF EXPENDITURE	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
Total, national Average annual percent change 1	324 11.4	553 11,3	876 12.2	1,004	1,152	1,288	1,410	1,533	1,647	1,772
ispital care ysicians' services mitists' services her professional services * ugs and drug sundries eglasses and appliances * rsing home care her health services t cost of insurance and administration * ivernment public health activities	67 22 7 37 9 22 10	233 111 37 12 53 14 45 17 18	373 173 57 20 74 20 75 22 37 25	432 199 66 24 80 22 87 25 39 31	501 230 73 29 87 22 100 28 45 36	563 257 81 33 92 24 111 31 56 39	605 282 90 38 101 26 121 34 71 41	638 308 101 45 108 28 130 39 92 45	676 335 110 50 116 30 141 44 96 50	720 369 119 56 122 33 153 48 98 54
Total, private consumer 3	202	317	506	576	660	742	818	898	953	1,030
ispital care ysicians' services. milists' services. her professional services * ugs and drug sundries eglasses and appliances * raing home care it cost of insurance.	21 6 35 9	102 82 35 9 49 13 19	169 126 55 15 67 18 32 22	196 145 63 18 73 19 39 22	232 167 70 21 79 20 46 25	260 187 79 24 84 21 52 36	281 202 87 27 92 21 59 48	292 221 98 31 99 23 65 68	303 237 107 35 106 24 72 69	328 260 116 40 110 26 79 71

<sup>&</sup>lt;sup>1</sup> Change from prior year shown; for 1970 from 1985. For explanation of average annual percent change, see Guide to Tabular seemation. <sup>2</sup> See footnotes for corresponding objects in table 131. <sup>3</sup> Represents direct patient payments and private alth insurance.

### NO. 133. PERSONAL HEALTH CARE—THIRD PARTY PAYMENTS AND PRIVATE CONSUMER EXPENDITURES: 1970 TO 1986

[in billions of dollars, except percent. See headnote, table 134]

ITEM	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
rsonal health care expenditures.  Ird party payments, total	65.4 38.9 59.5 15.3 22.4 1,1	117.1 79.0 67.5 31.2 46.3 1.6	189.7 133.8 70.6 56.9 74.6 2.3	219.7 156.7 71.3 67.5 86.5 2.7	254.7 182.1 71.5 78.4 100.5 3.2	286.5 206.9 72.2 89.9 113.5 3.5			371.3 266.0 71.6 113.0 148.3 4.6	404.0 287.9 71.3 122.9 160.0 5.0
vate consumer expenditures   Percent met by private insurance. Hospital care. Percent met by private insurance. Physicians' services. Percent met by private insurance.	41.8 36.6 12.9 75.2 11.3 42.5	69.3 45.1 23.0 81.9 18.4 53.7	112.7 50.5 39.5 83.8 29.5 57.9	130.5 51.7 46.6 83.1 34.2 58.4	151.0 51.9 55.2 81.7 39.7 57.4	169.5 53.0 62.4 82.2 44.8 59.4	186.7 52.5 68.2 80.6 48.9 60.5	203.3 51.6 71.6 78.8 54.1 61.4	218.3 51.8 74.9 80.7 58.5 60.6	239.0 51.4 81.7 79.4 64.6 59.6

<sup>&</sup>lt;sup>1</sup> Includes expenditures not shown separately. Represents direct patient payments and private health insurance. Excludes net at of insurance.

#### NO. 134. PERSONAL HEALTH CARE EXPENDITURES, BY OBJECT AND SOURCE OF PAYMENT: 1986

i millions of dollars, except as indicated, includes Puerto Rico and outlying areas. Covers all expenditures for health services and supplies, except net cost of insurance and administration, government public health activities, and expenditures of philanthropic agencies for fund relising activities]

	TOT			Physi-	Den-	Other	Drugs	Eye-	Nurs	Other
SOURCE	Total	Per cap- ita 1 (dol.)	tal care	Physi- clans' serv- ices	tiets' serv- ices	profes- sional services	and drug sun- dries	and appli- ances	ing home care	health serv- ices
Total	404,045	1,620	179,579	91,961	29,647	14,001	30,561	8,181	36,146	11,000
Direct patient payments	287,917 122,913 159,985	466 1,154 493 641 20	16,818 162,761 64,903 96,693 2,166	26,169 65,782 36,670 27,061 51	19,084 10,583 9,915 648	6,249 7,842 3,670 4,047 124	22,868 7,683 4,477 3,207	5,496 2,685 986 1,719	19,446 18,701 312 18,114 275	11,890 9,497 2,402
Private <sup>2</sup>	244,061	978	83,886	64,800	20,033	10,044	27,344	6,462	20,033	2,402

Represents zero. <sup>1</sup> For basis of per capita figures, see headnote, table 132. <sup>2</sup> Covers direct patient payments, private alth insurance, and philanthropy and industry.

Source of tables 132-134: U.S. Health Care Financing Administration, Health Care Financing Review, Summer 1967.

No. 135. GOVERNMENT EXPENDITURES FOR HEALTH SERVICES AND SUPPLIES: 1980 AND 1986

[In millions of dollars, except percent, includes Puerto Rico and outlying areas. Excludes medical research and construction]

	TOTA	π,	FEDE	RAL				OTHE	R HEALTH	SERVICES
YEAR AND OBJECT OF EXPENDITURE	Amount	Per- cent distri- bution	Total	Per- cent of total	State and local	Medi- care <sup>2</sup> (OASDHI)	Public assist- ance 3	Veter- ans	De- fense Dept. <sup>4</sup>	Workers' compensa- tion <sup>a</sup>
1980, total <sup>1</sup>	97,506	100.0	65,762	67.4	31,744	36,814	36,127	5,939	4,207	5,151
Hospital care Physicians' services Nursing home care Drugs and sundrise Administration. Public health activities	12,614 11,169 1,614 3,754 7,294	55.3 12.9 11.5 1.7 3.9 7.5	41,085 9,644 6,039 804 2,024 1,266	76.2 76.5 54.0 49.8 53.9 17.4 70.6	12,842 2,970 5,150 810 1,730 6,028	25,916 7,906 396 - 1,118 - 77,721	10,211 2,597 10,431 1,489 1,266 -	4,922 59 362 13 49	3,426 121 - 14 32	1,993 1,656 78 1,225
Hospital care Physicians' services Nursing home care Drugs and sundries Administration. Public health activities	27,081 18,114 3,207 6,108	50.4 14.3 9.5 1.7 3.2 7.1	76,507 22,050 10,140 1,712 3,377 1,399	60.0 81.5 56.0 53.4 55.3 10.5	19,186 5,012 7,973 1,495 2,731 11,961	51,702 18,968 613 1,724	15,822 3,946 15,803 2,858 2,231		(NA	

<sup>-</sup> Represents zero. NA Not available. ¹ Includes other items not shown separately. ² Covers hospital and medical insurance payments and administrative costs under old-age, survivors, disability and health insurance program. ³ Covers health insurance program. ³ Covers health insurance program. ¹ Covers health insurance program. ³ Covers health insurance program. ¹ Covers health insurance program

Source: U.S. Health Care Financing Administration, Health Care Financing Review, Summer 1987.

NO. 136. FEDERAL OUTLAYS FOR HEALTH, BY TYPE OF PROGRAM: 1970 TO 1987

[For fiscal year ending in year shown; see text, section 9]

			TOTAL C	OUTLAYS (	mit. dol.)			OUTLAY	8 PER C	APITA I
TYPE OF PROGRAM	1970	1980	1982	1984	1980	1900	1987, est.	1970	1980	1967, est.
Total outlays *	13,913	61,754	89,485	96,819	108,911	115,973	121,536	\$68	\$273	\$500
Medicare 3	6.213	32.090	52,588	57,540	65,822	70,164	71,614	31	142	294
Health care services 4	3.993	18,003	23,006	24.522	26,984	28,850	32,040	20	79	132
Medicaid		14,028	18,965	20.081	22,655	24,995	26,700	13	62	110
Federal employee health benefits	17	608	1.019	1.342	1.221	638	1,871	(Z)	3	
Hospital and medical care				1				\- <b>,</b>	-	1
for veterans	1.800	6,515	8,272	8,861	9,547	9,872	10,257	9	29	41
Health research	1.054	3,442	3.973	4,379	4,906	5.393	5,925	5	15	24 22
National Institutes of Health	917	3.029	3,555	3,963	4,437	4.859	5,244	5	13	22
Other		413	418	416	471	534	682	1	2	1
Consumer safety	177	674	720	762	812	799	854		3	4
Education and training of health	,,,,					1		1 .	Ĭ	
care work force	633	719	578	388	466	529	455	3	1 3	1 1
Research training	(NA)	(NA)	194	195	233	256	269	(NA)	(NA)	l i
Clinical training	(NA)	(NA)	325	166	189	232	156	(NA)	(NA)	l i
Other	(NA)		59	28	46	41	30	(NA)	INA	i ez
Occupational safety and health	1 "49	(NA) 328	346	367	370	366	391	(z)	1 ''7	1 7

NA Not available. Z Less than 50 cents. <sup>1</sup> Based on Bureau of the Census estimated resident population as of July <sup>2</sup> Includes deductions for offsetting receipts (-98 million in 1970 and -\$17 million in 1980). <sup>2</sup> Adjusted for premiums and collections. <sup>3</sup> Includes other programs, not shown separately.

No. 137. BENEFIT EXPENDITURES OF PRIVATE HEALTH INSURANCE ORGANIZATIONS: 1970 TO 1985 [In millions of dollars. For financial data on private health insurance organizations, see table 821]

									19	Physicians' services	
TYPE OF PLAN	1970	1975	1980	1981	1982	1982	1964	Total	Hospi- tal care	ciens'	Dent can ant oth
Total	7,080 7,104	31,222 14,192 12,826 4,208	67,504 25,467 25,774 16,264	29,209 30,271	32,144 36,424	97,889 34,396 40,109 23,483	164,890 35,522 41,286 26,043	113,000 37,540 43,112 32,346	<b>60,463</b> 24,174 22,310 13,979	35,470 9,938 14,340 11,192	17.1 3.2 7.

Source: U.S. Health Care Financing Administration, Health Care Financing Review, Summer 1967, and unpublished data

Source: U.S. Office of Management and Budget, Budget of the United States Government, annual.

No. 138. INDEXES OF MEDICAL CARE PRICES: 1970 TO 1986

 Indexes are components of consumer price index; for explanation, see text, section 15. See also Historical Statistics, Colonial Times to 1970, series B 262–272]

			MEDICAL	CARE BER	VICE8				AMM	JAL PERCI	ENT CHA	NGE	
_	dex.		Profess	ional sen	vices		Medi- cal		Me	dical care	service	16	Med-
	otel	Total 1	Total 1	Physi- ciens	Den- tel	Hos- pital room	care com- mod- ities *	Total	Total 1	Physi- ciens	Den- tal	Hos- pital room	cal care com- mod- ities <sup>2</sup>
- 1 - 1 - 1 - 1	20.6 28.4 32.5 37.7 50.5 68.6 84.7	124.2 133.3 138.2 144.3 159.1 179.1 197.1 216.7	119.7 127.5 132.1 136.4 148.2 164.5 179.4 194.1	129.8 133.8 138.2 150.9 169.4 186.5 206.0	119.4 127.0 132.3 136.4 146.8 161.9 172.2 185.1	145.4 163.1 173.9 182.1 201.5 236.1 268.6 299.5	103.6 105.4 105.6 105.9 109.6 118.8 126.0 134.1	9 6.3 6.5 3.2 3.9 9.3 12.0 9.5 9.6	7.1 7.3 3.7 4.4 10.3 12.6 10.1 9.9	7.5 6.9 3.1 3.3 9.2 12.3 11.3	* 5.8 6.4 4.2 3.1 7.8 10.3 6.4 7.5	12.9 12.2 6.6 4.7 10.7 17.2 13.8 11.5	3.1 3.1 8.4 6.1
2	19.4 39.7 65.9	235.4 258.3 267.4	206.8 226.8 252.0	223.1 243.6 269.3	198.1 214.6 240.2	332.4 370.3 418.9	143.5 153.8 166.1	8.4 9.3 10.9	9.7 11.3	8.3 9.2 10.6	7.0 8.4 11.8	11.0 11.4 13.1	7. 7. 9.
- 2 - 3	94.5 128.7 157.3 179.5	318.2 356.0 387.0 410.3	277.9 301.5 323.0 346.1	299.0 327.1 352.3 376.8	263.3 283.6 302.7 327.3	481.1 556.7 619.7 670.9	186.5 205.7 223.3 239.7	10.8 11.6 8.7 6.2	10.7 11.9 8.7 6.0	11.0 9.4 7.7 7.0	9.6 7.7 6.7 8.1	14.8 15.7 11.3 6.3	10. 10. 8. 7.
	03.1 33.5	435.1 466.6	387.3 390.9	398.8 427.7	347.9 367.3	710.5 753.1	256.7 273.6	6.2 7.5	8.0 7.7	5.8 7.2	6.3 5.6	5.9 6.0	7. 8.

s other services, not shown separately. 
<sup>3</sup> Prior to 1978, covers drugs and prescriptions only. I from 1989.

is. AVERAGE ANNUAL EXPENDITURES OF CONSUMER UNITS FOR HEALTH CARE: 1980 TO 1985 and, section 14, and headnote, table 688. For average weekly expenditures for nonprescription drugs, see table 689]

		H CARE,			Pre-	P	ERCENT DI	STRIBUTI	ON
ІТЕМ	Amount	Percent of total expendi- tures	Health Ineur- ance	Medi- cal serv- loss	scription drups, medical supplies	Health care, total	Health insur- ance	Medi- cal serv- ices	Pre- scription drugs, medical supplies
IAN CONSUMER UNITS									
***************************************	\$730	4.4	\$216	\$401	\$113	100.0	29.6	54.9	15.5
	762	4.3	222	413	127	100.0	29.1	54.2	16.7
	804	4.4	233	438	134	100.0	29.0	54.5	16.7
	839	4.3	234	457	148	100.0	27.9	54.5	17.0
	899	4.1	281	486	153	100.0	31.3	51.8	17.0
	335			~~~		1.55.5	1	0	l '''
L CONSUMER UNITS	ا ۔۔۔ ا	[							
***************************************	981	4.7	370	454	157	100.0	37.7	46.3	16.0
***************************************	1,037	4.7	375	496	196	100.0	36.2	47.9	16.0
erence person:	1 1		l .	1	į.	1	ı		
years old	396	3.1	111	243	42	100.0	28.0	61.4	10.0
ers old		3.2	235	387	88	100.0	33.1	54.4	12.4
ers old			296	478	136	100.0	32.5	52.5	14.
		3.2					34.5	50.2	
wrs old		4.0	406	591	179	100.0			15.2
mers old	1,289	5.5	451	627	211	100.0	35.0	48.6	16.4
ners old	1,539	9.1	673	576	269	100.0	43.7	37.4	18.6
old and over	1,509	12.2	607	800	302	100.0	40.2	39.8	20.0
residence:			l	l	1	1	ì	t	l
f	875	4.1	317	424	134	100.0	36.2	48.5	15.3
		5.0	389	506	167	100.0	36.8	47.7	15.
************		5.3	423	529	201	100.0	36.7	45.9	17.
		4.0	340	504	140	100.0	34.6	51.3	143
·····	803	4.0	340	304	140	100.0	34.6	51.3	14.
neumer unit:			i i		1		1		
ION		4.8	229	301	106	100.0	36.0	47.3	16.
sons	1,266	5.7	490	559	218	100.0	38.6	44.1	17.
ITSONS	1,065	4.1	406	505	172	100.0	37.6	46.5	15.
sons		4.1	382	675	163	100.0	31.3	55.4	13.
ions		3.9	396	575	164	100.0	34.9	50.7	14.
one or more		4.0	325	529	172	100.0	31.7	51.6	16.
AIS OF 1110/4	1,025	4.0	325	328	1/2	100.0	31.7	31.0	10.
More taxes:	1		ll .	i	i		ł		1
e income reporters 1	1,049	4.7	381	497	171	100.0	36.3	47.4	16.3
ss of income:	1		11	1	1		1	1	1
est 20 percent	737	6.7	257	352	128	100.0	34.9	47.8	17.4
and 20 percent		7.2	428	414	178	100.0	42.0	40.6	17.
1 20 percent		5.1	410	300	171	100.0	41.8	40.7	17.
1 20 percent		4.2	379	530	172	100.0	35.1	49.0	15.
seet 20 percent	1,425	3.4	430	788	206	100.0	30.2	55.3	14.
the reporters of income		4.8	329	485	124	100.0	36.0	51.7	133
ste reporters of income	. 539	4.8	320 <b>9</b>	1 400	124	100.0	J 35.0	J 51./	133

plete reporter is a consumer unit who provided values for at least one of the major sources of income. U.S. Bureau of Labor Statistics, *Consumer Expenditure Survey: Interview Survey*, annual.

J.S. Bureau of Labor Statistics, CPI Detailed Report, January Issues.

#### No. 140. HEALTH INSURANCE COVERAGE STATUS, BY SELECTED CHARACTERISTICS: 1985

Data represents monthly averages for fourth quarter 1985. Government health insurance includes Medicare, Medicaid, and military plans. Based on Survey of income and Program Participation; see text, p. 405. For composition of regions see fig. i, inside front cover]

			NUM	BER (mil.)					PERCENT	·	
		Cover	ed by priv health	rate or Gov insurance	or Government rance			Gove	ed by priving the comment in the com	realth :	Not
CHARACTERISTIC	Total	ť		ered by insurance	Covered	ered by	Total			Cov-	ered by
		Total 1	Total	Related to employ- ment <sup>2</sup>	by Medic- aid	health ineur- ance		Total 1	Pri- vate	ered by Medic- aid	health ineur- ance
Total persons *	235.5	204.2	186.1	147.1	17.2	31.3	100.0	96.7	76.5	7.3	13.3
Mele	114.2 121.4	97.5 108.8	87.5 92.6	73.2 73.8	6.4 10.8	16.7 14.6	100.0 100.0	85.4 88.0	76.6 76.3	5.6 8.9	14.6 12.0
White	200.1 28.5	175.2 23.0	159.3 15.9	129.9 13.2	10.1 6.2	24.8 5.5	100.0 100.0	87.6 60.7	79.6 55.7	5.0 21.6	12.4 19.3
Hispanic origin 4		10.4	7.8	7.0	2.3	3.8	100.0	73.0	55.2	15.9	27.0
Under 16 years	34.6 41.4 32.1 22.5 22.1	47.0 27.2 34.6 28.6 20.2 19.6 27.1	39.3 24.4 32.1 28.8 18.9 18.0 20.5	34.6 19.0 29.1 24.4 16.6 14.6 8.7	7.2 2.6 2.2 1.3 .9 .8 2.1	8.6 7.4 6.8 3.5 2.3 2.6	100.0 100.0 100.0 100.0 100.0 100.0 100.0	84.5 78.6 83.6 69.1 89.9 88.5 99.4	70.8 70.7 77.5 83.4 84.2 81.3 75.3	13.0 7.5 5.4 4.1 3.9 3.7 7.7	15.5 21.4 16.4 10.9 10.1 11.5
Northeast	50.7 60.8 79.8 44.2	46.1 54.2 68.9 37.0	41.3 48.5 58.5 31.8	34.3 39.1 47.7 25.9	3.8 4.7 5.0 3.7	4.6 6.6 12.9 7.2	100.0 100.0 100.0 100.0	90.9 89.2 83.8 83.7	81.4 79.8 73.3 71.9	7.5 7.7 6.3 8.3	9.1 10.8 16.2 16.3

<sup>&</sup>lt;sup>1</sup> Includes other Government insurance, net shown separately.

<sup>2</sup> Related to current or prior employment of self or other family members.

<sup>3</sup> Includes other races, not shown separately.

<sup>4</sup> Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, Current Population Reports, series P-70, No. 8 and unpublished data.

#### No. 141. PRIVATE HEALTH INSURANCE—PERSONS COVERED FOR SPECIFIED BENEFITS: 1980 TO 1985

[In millions, except percent. As of December 31. Beginning 1975, includes Puerto Rico and outlying areas. For persons cover under Federal Government programs, see tables 140, 575, and 579. See also Historical Statistics, Colonial Times to 1970, seri B 401–412, for persons covered]

BENEFIT AND TYPE OF PLAN	1960	1965	1970	1975	1979	1980	1981	1982	1983	1984	1985
Hospital expense:						1.2			1523	12.1	10
Persons covered, net 1	122.5	138.7	158.8	178.2	186.8	189.0	188.3	191.1	189.9	184.4	181.3
Percent of population covered 2	68.8	72.4	78.7	82.1	82.5	82.5	B1.3	81.7	80.4	77.4	75.4
Blue Cross-Blue Shield plans	58.1	63.3	75.1	86.4	86.1	86.7	85.8	82.0	3 79.6	3 79.4	3 78.7
Insurance companies, net 1 4	69.2	77.6	89.7	99.5	105.3	107.3	108.4	112.7	109.6	103.1	100.4
Group policies 4		65.4	80.5	87.2	95.2	99.1	105.4	107.0	108.3	102.9	99.5
Individual and family policies	22.2	24.4	26.7	30.1	34.6	34.1	25.6	29.9	22.7	20.4	21.2
Other plans a	6.0	7.0	8.1	13.1	3 25.5	333.2	a 40.3	a 48.2	a 53.6	3 54.1	* 55.1
Surgical expense:			100	1	1	1900	LOW	1 - 4	10000	11 140	1
Persons covered, net 1	111.5	130.5	151.4	169.0	177.1	178.2	176.9	180.3	179.1	(NA)	(NA)
Percent of population covered *	62.6	68.1	75.0	77.9	78.2	77.8	76.4	77.1	75.8	(NA)	(NA)
Blue Cross-Blue Shield plans	50.3	53.9	66.0	77.8	74.5	73.6	3 71.8	3 68.6	3 66.1	(NA)	(NA)
Insurance companies, net 1 4	65.1	75.2	85.7	92.1	99.6	101.0	102.0	105.6	102.3	(NA)	(NA)
Group policies *	55.5	65.5	81.5	88.0	97.6	100.6	105.5	108.0	104.9	(NA)	(NA)
Individual and family policies	16.0	17.7	18.0	18.5	17.9	17.6	12.4	14.5	13.6	(NA)	(NA)
Other plans <sup>6</sup>	7.3	8.7	10.5	15.8	29.1	3 36.9	2 44.8	2 52.7	3 61.8	(NA)	(NA)
Major medical expense: 6		-	100	-		1	130.1	150	H 1200	1000	1
Persons covered, net 1	32.6	69.7	103.5	134.1	148.8	153.6	153.7	160.1	159.6	167.7	162.8
Blue Cross-Blue Shield plans		14.6	24.9	42.1	43.3	45.0	46.5	9 47.0	2 44.6	9 44.5	3 44.1
Insurance companies, net 1 4	25.4	53.0	77.1	92.2	103.3	105.4	104.9	108.7	108.9	115.4	110.2
Group policies 4	26.5	55.4	82.0	96.7	109.5	113.0	113.2	116.2	117.6	125.5	119.6
Individual and family policies		4.5	5.4	7.3	7.2	7.3	6.5	8.0	6.5	5.6	5.9
Other plans 5		(NA)	(NA)	(NA)		27.7	33.7	a 42.6	1 42.8	a 47.0	3 47.9
Physician's expense:	127		7.1	1.37	- 44	150	200	100	0.00		0.00
Persons covered, net 1	83.2	109.6	138.7	168.3	167.2	169.5	164.1	171.6	173.1	(NA)	(NA)
Percent of population covered *	46.7	57.2	68.7	77.6	73.8	74.0	70.8	73.4	73.3	(NA)	(NA
Dental expense:	1	100		3000	100	120	120	1	13/7	1 300	-
Persons covered, net 1	(NA)	(NA)	12.0	30.3	62.2	80.5	84.8	95.3	103.7	102.2	99.1
Percent of population covered 2	(NA)	(NA)	5.9	14.0	27.5	35.1	36.6	40.8	43.9	42.9	41.

NA Not evallable. ¹ Duplication among persons protected by more than one kind of insuring organization or more than as surance company policy providing the same type of coverage has been eliminated. ¹ Based on Bureau of the Cental infinited civilian population as of July. ¹ Estimated. ¹ Includes persons covered under administrative service only at infinitum premium plans. ¹ Includes self-insured plans, self-administratore, and an elimination of the providing plans employing third perty administratore, at self-th Maintenance Organizations. ¹ Coverage provides protection against especially heavy medical bills resulting the statestrophic¹ or protonged litness and is used to supplement basic medical care insurance or as a comprehensive integrate organization. Beginning 1983, covers only persons under age 85.

Source: Health Insurance Association of America, Washington, DC, Source Book of Health Insurance Data, annual.

### NO. 142. HEALTH MAINTENANCE ORGANIZATIONS (HMO).—NUMBER AND ENROLLMENT, BY TYPE AND SIZE OF ORGANIZATION: 1976 TO 1986

[As of June 30, except as noted. Under the Health Maintenance Organization Act, an HMO must have four characteristics: (1) an organized system for providing health care in a geographic area, for which the HMO is responsible for providing or otherwise assuring its delivery; (2) an agreed upon set of basic and supplemental health maintenance and treatment services; (3) a voluntarily enrolled group of people; and (4) community rating. A group HBIO contracts with one or more medical groups to provide services to members and generally provides all services except hospital care under one roof. Data for group model HMOs include staff model HMOs (at model in which the HMO hines its own physicians) and network HMOs entracts with aphysician organization that in turn contracts with individual physician organization that in turn contracts with individual physicians provide care to HMO members from their private offices and continue to see their fee-for-service patients]

TYPE OF PRACTICE AND SIZE	1976	1977	1978	1979	1980	1981	1982	1983	1984 (Dec.)	1985	1986
NUMBER OF PLANS Total Group LPA	175 134 41	165 125 40	203 133 70	215 136 79	236 139 97	243 153 90	265 168 97	280 181 99	337 195 142	393 212 181	595 250 345
Less than 15,000 members	15 12 7	108 18 13 4 11	127 37 16 5 12	135 34 25 7 14	144 36 28 15 13	131 41 39 15 17	122 46 46 13 18	137 42 61 19 21	143 45 78 40 31	171 56 79 51 36	315 63 107 67 47
Total	6,016 5,627 390	6,331 5,917 413	7,471 6,420 1,051	8,226 6,942 1,284	9,100 7,406 1,694	10,266 8,681 1,582	10,831 9,361 1,471	12,491 10,602 1,889	16,743 13,075 3,667	18,894 14,247 4,646	23,664 15,210 8,454
Less than 15,000 members	297 365	590 365 415 308 4,495	703 725 548 399 5,095	733 683 827 430 5,553	870 732 907 976 5,615	836 799 1,305 1,038 6,289	839 919 1,561 852 6,660	874 842 2,062 1,257 7,455	975 867 2,699 2,577 9,625	1,020 1,101 2,813 3,315 10,646	1,514 1,220 3,791 4,828 12,311

Source: Group Health Association of America, Inc., Washington, DC, releases, and Interstudy, Exceletor, MN, National HMO Canaus (copyright).

NO. 143. PHYSICIANS, DENTISTS, AND NURSES: 1980 TO 1985

[Physicians, dentists, and nurses as of end of year. Data for physicians include Puerto Rico and outlying areas. See also Historical Statistics, Colonial Times to 1970, series B 275-290]

ITEM	Unit	1960	1970	1975	1979	1980	1981	1982	1983	1984	1985
Physicians, number 1 Rate per 100,000 population 2 Doctors of medicine 4 Active non-Federal 4 Rate per 100,000 population 4 5	1,000 Rate 1,000 1,000	275 151 260 230	348 168 334 281	409 187 394 312	472 207 455 375	487 211 468 397	505 217 485 411	523 222 502 430	542 228 520 447	(NA) (NA) (NA) (NA) (NA) (NA)	577 237 553 476 201
Active foreign medical school graduates * 5		(NA)	54 14	(NA)	80 18	82 19	90 20	96 21	100	(NA) 23	105
Medical and osteopathic schools * Students * Graduates *	Number 1,000 1,000	91 32.0 7.5	107 39.7 8.8	123 57.2 13.4	138 66.5 16.0	140 70.1 16.2	142 71.6 16.8	142 72.6 17.0	142 73.5 17.1	142 73.6 17.6	142 (NA) 17.8
Newly licensed physicians, total * * * * * * * * * * * * * * * * * * *	1,000	8.0 (NA) 6.6 1.4 17.7	11.0 3.5 8.0 3.0 27.3	16.9 4.6 10.9 6.0 35.4	19.9 4.8 16.3 3.6 17.9	18.2 4.2 14.9 3.3 18.2	18.8 4.2 15.7 3.1 16.6	17.6 4.1 13.4 4.2 23.8	20.6 4.3 15.8 4.8 23.1	18.3 (NA) 14.2 4.1 22.3	(NA) (NA) (NA) (NA)
Active (exc. in Federal service)	1,000 1,000 Rate	105 85 47	116 96 47	127 107 50	138 118 53	141 121 54	144 124 54	147 127 55	150 130 56	153 133 57	156 136 57
Dental schools * Students * Graduates *	Number 1,000	47 13.6 3.3	53 16.0 3.7	59 20.1 5.0	60 22.2 5.4	60 22.5 5.3	60 22.6 5.6	60 22.2 5.4	60 21.4 5.8	60 20.6 5.3	19,6 5,4
Nurses, number (active registered) Rate per 100,000 population 2	1,000 Rate	<b>527</b> 293	750 368	961 446	1,200 534	1,273 560	1,327 578	1,380 595	1,439 615	1,486 629	1,531
Nursing programs 10 Students 10 Graduates 10	Number 1,000 1,000	1,128 118 30	1,340 163 46	1,362 248 77	1,374 235 77	1,385 231 76	1,401 235 74	1,432 242 74	1,466 251 77	1,477 237 80	1,473 218 82

NA Not available. Includes not classified, inactive, and Federal physicians. Based on Bureau of the Census resident population estimates as of July 1. Excludes non-Federal physicians with temporary foreign addresses; see headnots, table 144. Excludes nonclassified physicians. Based on Bureau of the Census civilian population estimates set of July 1.

Foreign medical graduates exclude graduates of Canadian schools. Bessed on data from annual surveys conducted by the Association of American Medical Association of Chicago, IL, U.S. Medical Licensers Statistics, 1984 and Licenser Requirements, 1985, and Physician Characteristics and Distribution in the U.S., annual. (Copyright.)

Based on data from the American Dental Education, Annual Report on Dental Education, Programs and students are as of October 15 and number of graduates are for academic year ending in year shown; from National League for Nursing, ALN Data Boots, annual leases.

Source: Except as noted, U.S. Dept. of Heelth and Human Services, Heelth Resources and Services Administration, unpublished data. Prior to 1979, data were published by U.S. National Center for Heelth Statistics in Heelth Resources Statistics, annual.

#### Health and Nutrition

#### No. 144. Physicians, by Type of Practice: 1970 to 1985

(As of December 31. Includes Puerto Rico and outlying areas. Excludes 4,148 non-Federal physicians with temporary foreign ddresses in 1970, 5,559 in 1975, 6,180 in 1979, 6,755 in 1980, 6,259 in 1981, 174 in 1982, 7,039 in 1983, and 7,514 in 1985) (As of Decem

				NUMBER	(1,000	)			PER	CENT D	STRIBU	TION
TYPE OF PRACTICE	1970	1975	1979	1980	1981	1982	1983	1985	1970	1975	1980	19
All physicians	348.3	409.0	472.4	486.5	504.7	522.5	541.1	576.7	100	100	100	1
Doctors of medicine 1	334.0	393.7	454.6	467.7	485.1	502.0	519.5	552.7	96	96	96	1
Active M.D.'s	311.2	366.4	417.3	435.5	444.9	462.9	479.4	511.0	89	90	90	1 3
Non-Federal 2	301.3	359.7	427.1	443.5	460.1	479.2	496.9	528.2	87	88	91	1
Patient care	255.0	287.8	341.5	361.9	373.6	393.3	408.1	431.6	73	70	74	1 3
Office based 3		213.3	248.9	271.2	286.5	297.5	308.3	329.0	54	52	56	1
General practice *		46.3	46.7	47.7	49.4	50.4	51.4	53.9	12	11	10	
Specialty	138.1	167.0	202.2	223.5	237.1	247.1	257.0	275.2	40	41	46	
Training programs		53.5	61.4	59.6	60.5	66.7	70.6	72.2	13	13	12	1
Full-time hospital staff	20.3	21.0	31.1	31.0	26.6	29.1	29.2	30.3	6		6 7	
Other professional activity		24.3	33.7	35.2	37.3	36.6	39.3	44.0	8	6	7	
Retired, not in practice	19.6	21.4	28.3	25.7	35.0	35.7	36.9	38.6	6	5 6 5 7	5	
Federal	29.5	28.2	18.5	17.8	19.8	19.5	19.4	21.6	8	7	4	
Patient care 6	23.5	24.1	15.3	14.6	15.7	15.4	15.3	17.3	7	6	3	
Full-time hospital staff	14.6	17.7	11.8	11.4	11.4	11,4	11.1	12.9	4	4	2	
Other professional activity		4.1	3.2	3.2	4.1	4.1	4.0	4.3	2	1	1	
Doctors of osteopathy 6	14.3	15.4	18.0	18.8	19.6	20.5	21.6	24.0	4	4	4	

Includes physicians with unknown addresses; not shown separately.
 Includes physicians not classified.
 Covert physicians rendering patient care (or patient services by pathologists) in solo, partnership, group practice, or other arrangement those in industry, insurance companies, health depts, laboratories, etc.
 Includes family practice.
 Includes Provided Pro <sup>2</sup> Covers I

Source: Except as noted, 1970 and 1975, U.S. National Center for Health Statistics, Health Resources Statistics, annual beginning 1979, American Medical Association, Oricago, II., Physician Distribution and Medical Licensure in the U.S., 187 (copyright), and Physician Characteristics and Distribution in the U.S., annual (copyright).

#### NO. 145. NON-FEDERAL PHYSICIANS, 1980 AND 1985, AND DENTISTS, 1984-STATES

[As of Dec. 31. Excludes doctors of osteopathy, Federal physicians and dentists, and physicians with addresses unknown. Include all physicians not classified according to activity status. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION, AND STATE	AC	TIVE PHY	SICIANS	3	ACTI		ght had been	AC	TIVE PHY	SICIAN	8	ACT	
DIVISION, AND	To	otal	Ra	te 1	DENTIS 198		DIVISION AND STATE	To	tal	Ra	te 1	DENTIS 198	
STATE	1980	1985	1980	1985	Total	Rate 1	2,775	1980	. 1985	1980	1985	Total	Ra
U.S	413,692	483,905	184	204	132,750	57	So. Atl	65,607	79,903	180	201	18,755	
Region:		100					DE	11,210	1,169	161	189	284	1
Northeast	112.382	130.226	229	262	33,675	68	DC	3,474	3,547	551	573	568	1
Midwest		106,563	161	180	34,061	58	VA	9,154	11,075	176	200	2,905	1
South			114	179	36,470	46	WV	2,610	3,122	134	161	859	1
West		101,775	204	215	28,544	62	NC	8,874	10,489	153	171	2,549	1
				2.0		1000	SC	4,129	4,912	135	149	1,335	1
N. Eng	29,539	34,240	240	271	8,667	69	GA	7,728	9,614	143	163	2,492	1
ME		1,966	151	170	565	49	FL	17,479	22,295	181	198	4,927 6,805	1
NH.	1,490	1,813	162	183	541	56	E. So. Cent	4.820	5,640	133	153 153	1,863	1
VT		1,276	213	239	330	62	TN	7,169	8,492	157	179	2,516	1
MA	15,564	18,079	272	311	4,319	75	AL	4.856	5,769	125	144	1,560	4
RI	1,988	2,206	211	229	512	54	MS	2004	3.081	107	119	866	1
CT	7,730	8,900	250	282	2,400	76	W. So. Cent	34,654	42,456	147	162	10,910	1
Mid. Ati	82,843	95,986	226	258	25,008	67	AR	2,772	3,274	122	140	893	1
NY	46,808	52,971	267	298	12,963	73	LA	6,501	7,936	156	178	1,846	1
NJ	13,937	17,112	190	227	5,061	68	OK	3,850	4,563	129	140	1,403	1
PA		25,903	186	219	6,984	59	TX	21,531	26,683	153	164	6,768	1
E. No. Cent	67,453	76,124	162	183	23,873	58	Mt	18,497	21,984	164	173	6,851	1
OH	17,458	20,005	162	186	5,843	54	MT	1,040	1,148	133	140	517	1
IN	7,022	8,002	128	146	2,557	47	ID	200	1,202	107	120	538 263	1
IL	20,885	23,582	183	205	6,683	58		5,664	6,373	199	200	2.025	1
MI	14,626	16,179	158	178	5,583	62	NM	1,972	2,379	153	166	665	
WI	7,462	8,356	159	175	3,207	67	AZ	4.814	5,912	179	187	1,381	1
W. No. Cent	26,991	30,439	158	174	10,188	58	UT	2,373	2.844	163	174	1,054	1
MN	7,718	8,658	189	207	2,858	69	_ NV	1,097	1,471	139	159	408	4
IA	3,657	3,999	126	139	1,643	57	Pac	68,599	79,791	218	231	21,693	1
MO	7,979	9,244	163	184	2,677	54	WA	7,381	8,773	181	202	2,993	1
ND	884	1,071	138	159	351	52	OR		5,201	181	194	1,959	1
SD	766	927	112	132	365	52	CA		63,009	231	242	15,829	1
NE	2,319	2,539	149	159	1,075	68	AK	491	658	130	132	276	
KS	3,668	4,001	157	165	1,219	50	Н)	1,885	2,150	208	215	636	

<sup>&</sup>lt;sup>1</sup> Per 100,000 civilian population. Based on U.S. Bureau of the Census estimates as of April 1 for 1980, and as of July 1 other years. 
<sup>2</sup> Based on data supplied by American Dental Association.

Source: American Medical Association, Chicago, IL, Physician Characteristics and Distribution in the U.S., annual (copyright); a U.S. Dept. of Health and Human Services, Health Resources and Services Administration, unpublished data.

NO. 146. PHYSICIANS, BY SEX, SPECIALTY, AND MAJOR PROFESSIONAL ACTIVITY: 1970 TO 1985 [In thousands, except percent. As of December 31. includes Puerlo Rico and outlying areas]

	197	70			1			198	5		
					Tot	al		Patie	ent care		
SPECIALTY	Total	Per-	1975, total	1980, total	VAS-			Of-	Hospita	l-based	Other profes-
	,,,,	cent			Num- ber	Per- cent	Total	fice- based	Full- time	Residents 1	sional 2
Total <sup>2</sup>	4 334.0	100.0	* 393.7	4 467.7	4 552.7	100.0	448.8	330.2	43.2	75.4	48.3
daleemale	(NA) (NA)	(NA) (NA)	4 358.1 4 35.6	413.4 454.3	4 472.0 4 80.7	85.4 14.6	384,4 64.4	293.7 36.5	35.1 8.1	55.6 19.8	40.8 7.5
Seneral practicenternal medicine	57.9 41.9	17.3 12.5	54.6 54.3	60.0 71.5	67.1 90.4	12.1 16.4	65.1 78.8	54.3 52.9	3.8 6.7	6.9 19.2	11.6
Pediatrics	17.9 29.8 18.9	5.4 8.9 5.7	21.7 31.6 21.7	28.3 34.0 26.3	35.6 38.2 30.9	6.4 6.9 5.6	31.8 36.4 29.7	22.5 24.8 23.5	3.0 2.5 1.5	6.3 9.1 4.6	3.8 1.8 1.2
Orthopedic surgery	9.6 9.9 21.1	2.9 3.0 6.3	11.4 11.1 23.9	14.0 13.0 27.5	17.2 14.9 32.3	3.1 2.7 5.8	16.6 14.2 28.9	13.0 12.2 18.6	.8 .5 5.8	2.8 1.5 4.6	3.3
hesthesiology hathology Radiology	10.1 10.3 10.5	3.0 3.1 3.1	12.9 11.7 11.5	16.0 13.4 11.7	22.0 15.5 10.1	4.0 2.8 1.8	20.8 12.4 9.3	15.3 6.9 7.4	2.0 3.1 1.6	3.5 2.4 .3	3.1

NA Not available. I includes interns. I Medical teaching, administration, research, and other. Includes other specialise not shown separately. Includes physicians who are inactive, not classified, or with address unknown.

No. 147, Physician and Dental Visits by Patient Characteristics: 1970 to 1985 [See headnote, table 198, Besed on National Health Interview Survey; see Appendix III]

		TOTAL V	ISITS (MI	L)				VI	SITS PER	PERSON				
TYPE OF VISIT AND	S	ex	Rad	pe !	S	өх	Rac	pe 1			Age (	years)		
YEAR	Male	Fe- male	White	Black	Male	Fe- male	White	Black	Under 6	6 to 16	17 to 24	25 to 44	45 to 64	65 and over
1970 1975 1980 1983 1983 1985	396 435 426 470 472 498	531 621 610 694 701 733	832 929 903 1,018 1,027 1,074	87 116 115 126 126 132	4.1 4.3 4.0 4.3 4.2 4.4	5.1 5.7 5.4 5.8 5.9 6.1	4.8 5.1 4.8 5.2 5.2 5.4	3.9 4.7 4.5 4.6 4.6 4.7	5.9 6.5 6.7 6.5 6.1 6.3	2.9 3.2 3.2 3.1 3.1	4,6 4.8 4.0 4.0 4.1 4.2	4,6 5.1 4.6 4.7 4.7 4.9	5.2 5.6 5.1 5.8 5.7 6.1	6.5 6.6 7.6 8.2 8.3
Dentists: 1970 1975 1980 1983	133 153 158 183	171 188 207 239	283 313 333 382	17 23 26 31	1.4 1.5 1.5 1.6	1.7 1.7 1.8 2.0	1.6 1.7 1.8 1.9	.8 1.0 1.0 1.1	.5 .6 .5	1.9 2.0 2.3 2.6	1,8 1,8 1,6 1,6	1.7 1.7 1.7 1.9	1.5 1.8 1.8 2.0	1.1 1.2 1.4

<sup>&</sup>lt;sup>1</sup> See footnote 2, table 186.

Source: U.S. National Center for Health Statistics, Vital and Health Statistics, series 10, and unpublished data.

No. 148. Diagnostic Services Ordered or Provided During Office Visits, by Sex of Patient: 1985

[For 12 months ending February 1988, Based on the National Ambulatory Medical Care Survey and subject to sampling variability; see source for details]

		BEDCE	NT BY S	EV OF			BEDCE	NT BY S	EY 05
	Num- ber of		PATIENT			Num- ber of		PATIENT	
DIAGNOSTIC SERVICE	vieits (1,000)	Total	Male	Fe- male	DIAGNOSTIC SERVICE	vieits (1,000)	Total	Male	Fe- male
All vielts	636,306	100.0	100.0	100.0	Pap test Other lab test		4.5 8.4	(x) 7.7	7.4 8.9
None		36.1	42.0	32.4	Blood pressure check		38.6	31.9	43.0 2.6
Prest exam		6.8 8.6	(x)	11.0	Electrocardiogram		3.2	4.1 3.3	2.4
Rectal exam		5.4	4.8	5.7	Other radiology	37,608	5.9	6.3	5.7
Visual aculty	40,945	6.4	6.9	6.1	Ultrasound	5,986	.9	.5	1.2
Urinelysis	88,009	13.8	10.4	16.0	Glucose test		13.2	9.5	15.7 10.9
Hemetology Blood chemistry	56,983 43,913	9.3 6.9	8.0 7.3	10.1 6.7	Other	67,778	10.7	10.3	10.9

X Not applicable.

Source: American Medical Association, Chicago, IL., Distribution of Physicians in the United States, 1970, Physician Distribution and Medical Licensure in the U.S., 1975; and, beginning 1980, Physician Characteristics and Distribution in the U.S., annual copyright).

Source: U.S. National Center for Health Statistics, 1985 Summary: National Ambulatory Medical Care Survey, Advance Date from Vital and Health Statistics, No. 128, January 1987.

#### No. 149. Physicians' Median Earnings from Practice: 1975 to 1985

[In thousands of dollars. Unincorporated: Net earnings from practice represent residual after payment of tax-deduc professional expenses but before payment of income taxes. Covers office-based, patient-care doctors of medicine (M.D. *Incorporated*: Applies to office-based, patient-care M.D.'s who are shareholders of a medical corporation. Earnings include as bonuses (If any), and funds est saids by corporation for individual's retirement. Based on random sampling of office-bit M.D.'s 1965 data are based on 10.845 returned guestionnaires from M.D.'s (35.2 percent of those mailed in 1966). For defin of median, see Guide to Tabutar Presentation. See \*Heliorical Statistics, Colonial Times to 1970, series D 918 for physici

	Gross	l	NET EARNS	NGS	LOCATION OF M.D.'S OFFICE, YEARS	Gross	l
YEAR, REGION, AND DIVISION	earn- ings	Total	Incor- porated	Unincor- porated	IN PRACTICE, AND TYPE OF PRACTICE	earn- ings	1
975	(NA)	56.4	76.3	47.5	1985—Con.		
980	132.2	63.7	95.1	63.8	Urben	179.3	lι
981		66.2	99.7	67.1	Suburban		Ιi
982	155.8	93.3	105.5	69.6	Rural	174.3	1.
963	157.5	94.6	109.1	71.0			1
984	181.3	102.0	119.0	78.8	1-2 years	120.8	ł
1963	182.3	102.5	120.1	79.0	3-5 years		1
lortheast		97.9	120.7	78.4	6-10 years		11
New England		91.7	120.8	70.8	11-20 years		H
Middle Atlantic		100.7	120.6	82.0	21-30 years		1
Aidweet		103.9	120.4	83.1	31 years or more	141.5	1
East North Central	182.5	105.8	124.7	82.8	, ,		ı
West North Central		99.3	108.3	(B)	Incorporated: Solo	217.6	l۱
South		107.6	123.1	79.5	2 shareholders		li
South Atlantic		105.7	122.5	78.8	3 shareholders	215.2	Ιi
East South Central	190.0	107.5	122.5	(B)	4 or more shareholders		Ιi
West South Central		111.5	125.0	83.3	Unincorporated: Solo		1
Vest		98.7	113.3	75.9	Expense-sharing		ı
Mountain		120.2	125.0	(B)	2 or 3 pertners		1
Pacific	171.5	93.9	106.3	71.4	4 or more partners		14

B Base figure too small to meet statistical standards for reliability of derived figure. NA Not available.

# No. 150. OFFICE-BASED PHYSICIANS' MEDIAN EARNINGS FROM PRACTICE, BY SPECIALTY: 1985 [See headnote, table 149. Total includes specialties not shown separately. D.O. means Doctor of Osteopathy]

	Gross	Net		NET EA	RNINGS FROM	M PRACTICE-	PERCENT DIS	TRIBUTION	
SPECIALTY	eam- ings (\$1,000)	eem- ings (\$1,000)	Less than \$40,000	\$40,000- \$69,999	\$70,000- \$99,999	\$100,000- \$124,999	\$125,000- \$149,969	\$150,000- \$199,969	\$200 or n
M.D.'s total	182.3	102.5	7	19	22	17	10	12	
Anesthesiologists D.OG.P.'s	167.5 148.0	134.2	.1		15	20	20	20	l
Family practitioners	166.3	74.0 76.5	16 11	30 30	30 36	11	2	3	ı
General practitioners	141.1	71.5	17	30	30	1 17	1 7	1 5	l
General surgeons	204.4	120.8	5	111	30 20	iii	10	19	ł
Internists	164.7	89.6	Š	25	22	20	10		1
Neurosurgeons	322.2	192.7	3	4	7	12	10	17	1
Obstetrician-		ł	ł		i				l
gynecologists	244.0	121.4	5	11	16	21	16	15	l
Orthopedic surgeons	334.6	168.8	1	3	8	15	14	22	1
Pediatricians	148.3	79.1	12	25	37	15	7	3	l
Plestic surgeons Psychiatrists	319.9	155.2	5		11	11	14	19	l
Psychiatrists	112.9	60.4	10	27	35	14	1 .7	1 4	1
Radiologists Thoracic surgeons	206.3 254.7	150.0 151.8	] 3	3	13	15 13	18	25 17	i

Source of tables 149 and 150: Medical Economics Company, Oradell, NJ, Medical Economics. (Copyright © by Me Economics Company; further reproduction prohibited without written permission of copyright owner.)

### No. 151. Physician Expenses and Malpractice Insurance Premiums, by Selected Special 1982 and 1984

[Based on reports from the American Medical Association's Profile of Medical Practice and Socioeconomic Monitoring System (SMS). For physicians who are self-employed]

TYPE OF EXPENSE	PHYSIC	TAL CIANS 1	PRAC			RNAL	SUR	IGERY	PEDIA	TRICS	OBSTE	
200,700,00	1982	1984	1982	1984	1982	1984	1982	1984	1982	1984	1982	1
Average expense as a percent of total expenses— Nonphysician payroli	39 22 10 7 6	33 26 11 9 6	42 23 15 5	35 26 16 5	39 25 10 5 7	36 25 13 6 5	37 21 8 9 7	33 25 11 10 7	39 26 12 4	37 30 13 5	43 23 9 10 7	
Malpractice insurance premiums	\$5,800	\$8,400	\$3,500	\$4,600	\$3,700	\$4,900	\$9,900	\$13,400	\$2,900	\$3,500	\$10,900	511

Includes types of physicians, not shown separately.
Includes family practice.

Source: U.S. General Accounting Office, Medical Malpractice Insurance Costs Increased but Varied Among Physicians Hospitals, GAO/HRD-86-112, September 1986.

# 152. HOSPITALS AND NURSING HOMES—SUMMARY CHARACTERISTICS: 1971 TO 1986 [Except as indicated, based on National Master Facility Inventory]

		FACIL	TIES UNDE	A-	FAC	ILITIES WI	гн—	10.00	Full-
IND TYPE OF FACILITY	Total	Govt. control	Pro- prietary control	Non- profit control	Less than 25 beds 1	25-74 beds	75 or more beds	Residents <sup>2</sup> (1,000)	time em- ployees (1,000)
lies ng homes a tals tals tals tals tals tals tals t	29,682 22,004 7,678 30,116 23,065 7,051 6,986 6,018 572 39 7	4,178 1,368 2,810 3,498 936 2,562 2,291 1,931 270 24 6 1,045	18,091 17,049 1,042 19,611 18,669 942 1,115 801 200 4	7,413 3,587 3,826 7,007 3,460 3,547 3,580 3,286 102 11 1	8,902 8,266 636 8,852 8,498 354 290 257 12	10,959 8,259 2,700 8,573 6,362 2,211 2,135 1,852 134 6	9,821 5,479 4,342 12,691 8,205 4,486 4,561 3,909 426 33 6 9,428	2,262 1,076 1,186 2,427 1,396 1,031 900 714 143 11 1,553	3,007 568 2,439 3,919 798 3,121 3,217 2,853 250 18

nts zero. NA Not evallable. 

1 For hospitals, minimum of 6 bads; for nursing homes, minimum of 3 bads. 
1 residents as of data of interview. 

2 See footnote 1, table 161. 

4 Includes 1978 data for Alaska and South Excludes hospital-based nursing homes; 1986 data based on the 1986 inventory of Long-Term Care Places. Data rictly comparable with previous year data. 

Estimated. 

1 Includes types not shown below.

#### No. 153. HOSPITAL USE RATES, BY TYPE OF HOSPITAL: 1970 TO 1985

[See also Historical Statistics, Colonial Times to 1970, series B 384-387]

TYPE OF HOSPITAL	1970	1975	1975	1979	1999	1961	1982	1983	1984	1995
short-terw: 1 per 1,000 population 2 per bad gith of stay 2 (days). talts per admission talts per 1,000 population 2 rations (million). er admission.	34 8.2 4.5	156 35 7.7 5.9 911 16.7	156 35 7.6 6.0 930 17.2	157 36 7.6 5.8 908 18.3 .5	159 38 7.6 5.7 913 18.8 .5	159 38 7.6 5.7 901 19.2 .5	157 36 7.6 6.9 1,084 19.6	155 35 7.5 5.9 915 19.9	149 35 7.3 6.1 917 19.9 .6	141 35 7.1 6.6 935 20.2
per 1,000 population * pital per 1,000 population *	3.3 862	3.2 490	2.9 345	2.8 334	2.8 326	2.7 304	2.7 292	2.6 274	2.4 234	2.5 224

reliable. <sup>1</sup> General and special; excludes psychiatric and tuberculosis. Short-term hospitals have an average of less than 30 days. <sup>1</sup> Based on Bursau of the Census estimated resident population as of July 1. <sup>1</sup> Impatient days divided by number of admissions.

erican Hospital Association, Chicago, IL, Hospital Statistics, annual (copyright); and unpublished data.

### HOSPITAL UTILIZATION RATES, BY SEX, 1970 TO 1985, AND SELECTED CHARACTERISTICS, 1985

stimetes of inpetients discharged from noninstitutional, short-stay hospitals, exclusive of Federal hospitals. Excludes used on sample data collected from the National Hospital Discharge Survey, a sample survey of hospital records of charged in year shown; subject to sampling variability. For composition of regions, see fig. 1, inside front cover]

RACTERISTIC	Patients dis-		TS DISCH			CARE P	ER 1,000	AV	ERAGE S' (days)	TAY	Beds
	(1,000)	Total	Male	Female	Total	Male	Female	Total	Male	Female	day s
	29,127	144	118	169	1,122	982	1,251	8.0	8.7	7.6	321
	37.832	168	139	194	1,217	1.068	1,356	7.3	7.7	7.0	337
-	38,783	167	139	193	1,155	1,024	1,278	6.9	7.4	6.6	316
***************************************	37,162	159	132	184	1.044	924	1,155	6.6	7.0	6.3	286
and the second	35,056	148	124	171	954	849	1,053	6.5	6.9	6.2	261
oldblo	787	210	234	185	1,391	1,477	1,300	6.6	6.3	7.0	381
************	921	64	74	54	226	246	205	3.5	3.3	3.8	62
1	1.264	37	41	34	151	174	127	4.1	4.3	3.8	41
ld	4,521	117	60	173	488	344	631	4.2	5.7	3.7	134
ld	5,821	141	75	205	664	468	855	4.7	6.3	4.2	182
ld	3,624	115	96	133	667	591	738	5.8	6.2	5.5	183
ld	7,610	170	176	163	1,193	1,220	1,168	7.0	6.9	7.1	327
ld	5,011	295	320	275	2,418	2,577	2,293	8.2	8.1	8.3	662
nd over	5,497	477	528	449	4,389	4,672	4,236	9.2	8.8	9.4	1,203
east	7,168	144	126	160	1,116	1,009	1,213	7.7	8.0	7.6	306
est	9,111	154	130	177	1,042	942	1,136	6.8	7.2	6.4	285
1	12,274	152	124	177	912	795	1,020	6.0	6.4	5.8	250
	6,502	138	111	163	748	660	834	5.4	5.9	5.1	205
ership:	3103	40.0	1	100		10.00		100	100	100	
	23,984	101	84	117	673	595	747	6.7	7.1	6.4	184
govt	7,776	33	28	38	194	174	212	5.9	6.3	5.6	53
APRIL DE L'ANNE DE L'ANNE DE L'ANNE DE L'ANNE DE L'ANNE DE L'ANNE DE L'ANNE DE L'ANNE DE L'ANNE DE L'ANNE DE L	3,296	14	12	16	88	80	95	6.3	6.7	6.0	24

Bureau of the Census estimated civilian population as of July 1. 

2 Average daily number of bads occupied per in goodelion.

<sup>.</sup> National Center for Health Statistics, Health Resources Statistics, 1971, and unpublished data.

i. National Center for Health Statistics, Vital Health Statistics, series 13, and unpublished data.

#### No. 155. HOSPITALS—SUMMARY CHARACTERISTICS, BY TYPE OF SERVICE AND CONTROL 1960 TO 1985

[Covers hospitals accepted for registration by American Hospital Association; see text, section 3. Short-term hospitals have average patient stay of less than 30 days; long-term, an average stay of longer duration. Special hospitals include obstatrics gynecology; eye, ear, nose, and throot; rehabilitation; orthopadic; and chronic and other special hospitals except psychia tuberculosis, alcoholiem, and chemical dependency hospitals. See also Historical Statistics, Colonial Times to 1970, series 305–318, B 331–344, and B 413–422]

ITEM	1960	1970	1975	1979	1980	1981	1982	1983	1984	11
Number:						1				
All hospitals	6,876	7,123	7,156	6,988	6,965	6,933	6,915	6,888	6,872	6,
With 100 beds or more	2,903	3,488	3,691	3,749	3,755	3,804	3,807	3,812	3,808	3
Non-Federal	6,441	6,715	6,774	6,627	6,606	6,585	6,569	6,546	6,531	6
Short-term general and special	5,407	5,859	5,979	5,923	5.904	5,879	5,863	5.843	5,814	3, 6, 5,
Nongovernmental nonprofit	3.291	3,386	3,364	3,350	3,339	3,356	3,354	3,363	3,366	3,
For profit  State and local government  Long-term general and special	856	769	775	727	730	729	748	757	786	
State and local government	1,260	1,704	1,840	1,846	1,835	1,794	1,761	1,723	1,662	1 1
Long-term general and special	308	236	215	165	157	146	138	131	131	1
Psychiatric	488	519	544	527	534	549	558	564	579	
Psychiatric Tuberculosis	238	101	36	12	11	- 11	10	8	7	
Federal	435	408	382	361	359	348	346	342	341	
Beds (1,000):	-31	180	1074	5 30	100	600	1.50	1	5 700	1
All hospitals	1,658	1,616	1,466	1,372	1,365	1,362	1,360	1,350	1,339	1
All hospitals	9.3	7.9	6,8	6.1	6.0	5.9	5.9	5.8	5.7	
Beds per hospital	241	227	205	196	196	196	197	196	195	
Non-Federal	1,481	1,455	1,334	1,255	1,248	1,246	1,246	1,237	1,226	1
Short-term general and special	639	848	947	988	992	1,007	1,015	1,021	1,020	1
Rate per 1,000 population 1	3.6	4.2	4.4	4.4	4.4	4.4	4.4	4.4	4.3	1
Rate per 1,000 population 1 Nongovernmental nonprofit	446	592	659	690	693	706	712	718	717	1
For profit State and local government. Long-term general and special Psychiatric. Tuberculosis	37	53	73	83	87	88	91	94	100	1
State and local government	156	204	215	214	212	213	212	209	203	
Long-term general and special	67	60	51	40	39	35	34	30	30	1
Psychiatric	722	527	330	224	215	202	195	185	175	1
Tuberculosis	52	20	6	2	2	2	1	1	1	1
Federal	177	161	132	117	117	116	114	113	112	
Occupancy rate: 2	1.77.7	lib pell	5.0	100	5.56	.5.4	1	1.5-75	1	1
All hospitals	84.6	80.3	76.7	76.1	77.7	77.9	77.4	76.1	72.5	
Non-Federal	(NA) 74.7	(NA)	76.3	75.9	77.4	77.8	77.2	75.7	71.9	
Short-term general and special	74.7	78.0	74.8	73.8	75.4	75.9	75.2	73.4	68.9	
Nor jovernmental nonprofit	76.6	80.1	77.4	76.5	78.2	78.5	77.8	75.8	71.4	
For profit State and local government	65.4	72.2	65.9	63.9	65.2	66.4	65.5	63.1	57.0	
State and local government	71.6	73.2	69.7	69.1	70.7	71.2	70.7	70.0	65.9	1
Long-term general and special	86.9	82.0	82.1	86.1	85.9	86.2	87.9	86.5	88.7	1
Psychiatric	93.1	84.8	80.3	83.2	85.2	85.9	86.1	86.5	86.3	1.3
Psychiatric Tuberculosis	75.4	61.8	57.7	61.8	67.0	66.5	62.3	67.5	63.4	1
Federal	87.2	79.6	80.7	78.2	80.1	79.0	79.4	80.5	79.0	
Expenses (bil. dol.): 3		1.30		-	VI.	1.3	100		1	
All hospitals	8.4	25.6	48.7	79.8	91.9	107.1	123.2	136.3	144.1	11
Non-Federal	7.3	23.1	44.2	72.5	84.0	98.5	113.7	125.6	133.0	1 6
Short-term general and special	5.6	19.6	39.1	66.2	77.0	90.7	105.1	116.6	123.5	1
Nongovernmental nonprofit	4.1	14.2	28.0	48.0	55.8	66.3	76.9	85.7	90.9	1
For profit	2	1.1	2.6	4.8	5.8	6.9	8.2	9.2	10.3	
State and local government	1.2	4.3	8.6	13.4	15.3	17.6	20.1	21.7	22.4	
I ong-term general and enecial	.3	.6	1.0	1.1	1.2	1.3	1.5	1.5	1.7	1
Psychiatric	1.2	2.7	4.0	5.1	5.8	6.4	7.0	7.4	7.7	1
Tuberculosis	.2	.2	1	5.1	3.0	0.4	1.0	13	1.1	1
Federal	1.1	2.5	4.5	7.3	7.9	8.6	9.5	10.7	11.2	1
	***	1.4.0		100			0.0	14.7	33.0	
Personnel (1,000):  All hospitals	1,598	2,537	3,023	3,382	3,492	3,661	3,959	3,707	3,630	
Non-Federal	1,412	2,321	2,766	3,109	3,213		3,656	3,422	3,339	3,3,2
Short term constal and enocial	1,080	1,929	2,399	3,109		3,378	3,312	3,102	3,023	1 3
Mongovernmental and special	792	1,387	2,399	2,762	2,879				2.223	13
Non-Federal Short-term general and special Nongovernmental nonprofit For profit	/92		1,714		2,087	2,213	2,424	2,272		12
Ctoto and lead any and	48	97	139	174	189	203	223	213	214	
State and local government	241	444	546	588	602	622	665	618	586	1
Cong-term general and special	55	69	68	61	56	61	61	53	54	
Psychiatric and a second and a	238	305	292	282	275	275	281	264	260	1
Tuberculosis	39	18	- 7	3	3	3	3	2	2	1
Federal	186	216	256	273	279	283	302	286	290	1
Personnel per 100 patients: 4			1136		1.5	0.35	1		1/ 5/4	
Personnel per 100 patients: * All hospitals	114	196	269	324	329	345	376	361	374	1
Non-Federal	113	198	272	327	333	348	380	365	379	1 3
Short-term general and special	226	292	339	379	385	398	434	414	430	1
Short-term general and special	232	292	336	379	385	399	438	417	434	1
For profit	196	256	288	326	334	348	374	358	375	1
State and local government	215	298	365	398	401			400		1.
State and local government	215					411	443	422	438	100
	95	140	162	174	170	200	200	202	203	1
Cong-term general and special	0.0	200	240							
Psychiatric	35	68	110	151	150	158	167	165	172	1
For profit State and local government Long-term general and special Psychiatric Tuberculosis Federal	35 99 120	68 146 169	110 216 240	151 252 298	150 290 297	158 287 310	334 335	351 314	342 327	1

NA Not evaleble. 

Based on Bureau of the Census estimated resident population as of July 1. 

Ratio of everage of census to every 100 beds. 

Excludes new construction. 

Includes full-time equivalents of part-time personnel.

Source: American Hospital Association, Chicago, II. Hospital Statistics, annual. (Copyright.)

<sup>7</sup> 

98. HOSPITAL FACILITIES—TOTAL, 1980 TO 1985, AND STATES AND PUERTO RICO, 1985 hospitals have an average stay of less than 30 days. See also Historical Statistics, Colonial Times to 1970, series B 305-308 and B 369-362]

ATE OR	NUMB	ER OF	(1,0	DS (000)	ADM	TTED	AVERAG CENS (1,0	US 3	OCCU RA	PANCY TE 3	Person- nel 4	Total outpa-
REA	Total	Short- term 1	Total	Short- term 1	Total	Short- term 1	Total	Short- term 1	Total	Short- term 1	(1,000)	visits (mil.)
	6,876 7,123 7,123 7,097 7,061 7,123 7,174	5,407 5,736 5,859 5,865 5,843 5,891 5,977	1,658.0 1,703.5 1,615.8 1,555.6 1,549.7 1,534.7 1,512.7	639.1 741.3 848.2 866.5 883.7 903.3 931.2	25.0 28.8 31.8 32.7 33.3 34.4 35.5	23.0 26.5 29.3 30.1 30.8 31.8 32.9	1,401.9 1,402.6 1,297.7 1,236.8 1,208.9 1,189.0 1,187.4	477.4 563.4 661.5 664.8 664.1 681.5 701.3	84.6 82.3 80.3 79.5 78.0 77.5 77.2	74.7 76.0 78.0 76.7 75.2 75.4 75.3	1,598 1,952 2,537 2,589 2,671 2,769 2,919	(NA) 125.6 181.4 199.7 219.2 233.6 250.5
	7,156 7,082 7,099 7,015 6,988	5,979 5,956 5,973 5,935 5,923	1,465.8 1,433.5 1,407.1 1,380.6 1,371.8	947.0 961.2 973.9 979.7 987.7	36.2 36.8 37.1 37.2 37.8	33.5 34.1 34.4 34.6 35.2	1,124.9 1,089.7 1,065.9 1,041.9 1,043.4	708.1 714.8 716.7 719.9 729.0	76.7 76.0 75.8 75.5 76.1	74.8 74.4 73.6 73.5 73.8	3,023 3,108 3,213 3,280 3,382	254.8 271.0 263.8 263.6 262.0
	6,965 6,933 6,915 6,888 6,872 <b>6,872</b>	5,904 5,879 5,863 5,843 5,814 <b>5,784</b>	1,364.5 1,361.5 1,359.8 1,350.4 1,338.7	992.0 1,006.7 1,015.2 1,021.4 1,019.8 996.5	38.9 39.2 39.1 38.9 37.9	36.2 36.4 36.4 36.2 35.2 33.5	1,059.7 1,060.9 1,052.7 1,027.9 970.3	748.3 764.4 763.3 750.1 702.7 650.0	77.7 77.9 77.4 76.1 72.5 69.5	75.4 75.9 75.2 73.4 68.9 65.2	3,492 3,661 3,959 3,707 3,630	262.9 265.3 313.7 273.2 276.6
	144 27 85 101 573 98	129 18 61 93 484 83	24.9 1.9 13.1 13.3 110.0 14.5	19.7 1.1 10.0 11.1 63.7 11.4	36.3 .7 .1 .4 .4 3.3 .4	.7 (z) .4 .4 3.1	16,3 1,2 8,4 7,9 73,8 9,3	12.4 .7 6.2 6.3 52.1 6.7	65.7 62.7 64.4 59.0 67.0 64.3	62.8 62.4 61.6 56.1 62.3 58.9	3,625 59 6 40 32 337 42	3.6 .9 4.3 1.9 31.1 4.6
ımbia	63 13 17 267 197 26	40 8 12 224 167 19	16.0 3.8 8.3 61.5 33.7 4.1	10.4 2.2 4.8 50.7 25.6 2.8	1.8 1.0 1.1	.4 .1 .2 1.7 .9	12.8 2.8 6.6 40.1 23.3 3.1	7.8 1.5 3.6 31.7 16.5 2.2	80.1 75.6 80.0 65.2 68.9 76.7	74.9 68.0 75.9 62.6 64.5 76.5	51 10 32 164 92 13	4.2 2.0 10.5 7.6 1.7
	52 274 134 139 161 120	47 241 117 129 144 107	4.2 66.6 29.7 18.6 17.1 19.4	3.6 54.3 23.2 15.1 12.6 16.2	1.9 .8 .4 .4	1.8 .8 .4 .3	2.4 45.1 19.8 11.5 10.6 12.9	2.0 34.9 14.3 8.6 6.9 10.4	58.4 67.7 66.6 62.1 62.1 66.5	57.0 64.3 61.5 57.3 54.4 64.0	10 192 78 43 41 49	1.0 14.0 6.5 3.2 3.4 3.9
**************************************	168 47 85 176 222 178	145 42 55 117 193 165	27.0 6.4 22.6 40.5 45.2 27.1	20.1 4.9 15.0 25.8 37.1 21.6	.8 .2 .6 .9 1.3	.7 .2 .5 .8 1.3	17.3 4.6 17.6 32.0 32.0 18.4	11.9 3.3 11.1 19.1 25.1 13.8	64.0 71.4 77.9 79.0 70.8 67.8	59.1 66.9 74.0 73.9 67.5 63.8	68 19 69 130 140 61	4.6 1.7 6.1 10.7 11.2 3.3
10	118 168 67 110 29 35	108 142 61 99 21 29	16.9 32.1 4.9 11.6 3.9 4.5	12.9 25.8 4.6 9.6 3.3 3.4	.5 .9 .1 .3 .1	.4 .8 .1 .2 .1	10.8 21.7 2.9 7.2 2.2 3.1	7.6 16.4 2.7 5.6 1.8 2.2	63.8 67.5 58.9 62.1 56.7 70.0	58.4 63.8 59.1 58.3 53.6 64.2	37 90 11 26 11 13	2.1 5.2 .9 1.8 1.0 1.5
	128 57 328 159 59 233	100 39 260 130 52 200	41.7 6.6 114.9 31.4 6.1 59.9	29.7 4.2 78.7 23.1 5.0 49.2	1.2 2.7 .9 .1	1.1 2 2.6 .8 .1 1.6	33.2 4.3 98.8 21.9 3.9 40.1	22.5 2.5 66.0 14.9 3.1 31.4	79.6 65.6 86.0 69.7 63.5 67.0	75.6 60.4 83.9 64.6 61.1 63.9	113 20 340 85 12 179	7.7 2.4 26.7 5.8 13.2
**************************************	142 82 305 21 90 68 165	120 74 245 14 75 57 146	17.2 11.1 75.2 5.4 15.4 5.8 31.2	13.5 8.6 55.9 3.5 11.9 4.6 25.2	2.0 1 5 1 9	.4 3 1.9 .1 .4 .1	10.5 6.6 54.9 4.3 11.2 3.5 21.2	7.6 4.8 38.4 2.6 8.0 2.7 16.3	60.6 59.4 73.1 79.9 72.7 60.6 68.1	56.0 55.7 68.7 76.1 67.4 57.7 64.8	45 30 217 18 41 11 79	3.4 2.5 17.1 1.5 4.0
	561 42 19 138 119 71 159 32	482 39 16 101 104 64 139 27	85.9 5.1 2.9 30.1 17.0 11.6 27.4 3.1	65.8 4.4 2.1 21.1 13.3 9.7 22.2 2.2	2.5 2 .1 .8 .6 .4 .7	22 2 1 7 5 3 7	52.7 3.2 2.1 21.5 10.6 7.5 18.0 1.8	37.3 2.6 1.4 14.2 7.8 5.9 13.7	61.4 62.0 72.2 71.3 62.6 64.4 65.8 59.0	56.7 59.1 68.1 67.1 58.5 60.7 61.7 52.0	215 17 8 79 51 30 64 6	14.2 1.6 .5 6.2 5.0 2.4 5.6
co	69	61	10.9	8.9		.4	8.3	8.4	71.4	67.7	29	3.5

reliable. Z Less then 50,000. I Non-Federal hospitale. I Impatients receiving treatment each day; excludes I Ratio of average daily census to every 100 beds. I includes full-time equivalents of pathtime paracresisterion Hospital Association, Chicago, IL, Hospital Statistics, annual. (Copyright.)

No. 157. PROCEDURES FOR INPATIENTS DISCHARGED FROM SHORT-STAY HOSPITALS: 1975 TO 1985

[Excludes newtorn infants and discharges from Federal hospitals. See headnote, table 154. Prior to 1980, a maximum of 3 operations were coded per discharge, while a maximum of 4 per discharge were coded beginning in 1980]

20	NU	MBER OF	PROCEDI	URES (1,0	(000)	RAT	E PER	,000 PC	PULATI	ON I
SEX AND TYPE OF PROCEDURE	1975	1980	1983	1984	1985	1975	1980	1983	1984	1985
BOTH SEXES						20		5		
Surgical procedures, total 2 8	20,040	24,494	26,220	25,590	24,799	93.7	108.6	112.9	109.2	104.6
Procedures to assist delivery	(NA)	2,391	2,405	2,362	2,494	(NA)	10.6	10.4	10.1	10.5
Cesarean section	328	619	808	813	877	1.5	2.7	3.5	3.5	3.7
Reduction of fracture *	688	605	605	627	681	3.2	2.7	2.6	2.7	2.9
Cardiac catheterization	189	348	508	570	681	.9	1.5	2.2	2.4	2.9
Hysterectomy		649	672	664	670	3.4	2.9	2.9	2.8	2.1
Repair of current obstetric laceration		355	479	483	548	1.1	1.6	2.1	2.1	2.3
Diagnostic and other non-surgical procedures 5	(NA)	6.918	9.718	10,565	11,961	(NA)	30.7	41.8	45.1	50.5
CAT scan *	(NA)	306	871	1.091	1,378	(NA)	1.4	3.7	4.7	5.8
Diagnostic ultrasound	(NA)	318	695	836	1,234	(NA)	1.4	3.0	3.6	5.2
Angiocardiography and arteriography 7	(NA)	569	825	972	1,117	(NA)	2.5	3.6	4.1	4.
Radioisotope scan		525	685	764	838	(NA)	2.3	2.9	3.3	3.5
Cystoscopy		867	774	740	645	(NA)	3.8	3.3	3.2	2.7
MALE	1	1	1	200	1	15.0	1		1	
Surgical procedures, total 2	7,379	8,505	9,268	9,164	8,805	71.4	78.1	82.6	81.0	76.8
Cardiac catheterization	125	228	326	372	439	1.2	2.1	2.9	3.3	3.6
Repair of inguinal hernia	484	483	456	411	370	4.7	4.4	4.1	3.6	3.2
Prostatectomy	266	335	357	361	367	2.6	3.1	3.2	3.2	3.2
Reduction of fracture 4		325	313	330	339	3.4	3.0	2.8	2.9	3.0
Diagnostic and other non-surgical proce-	(NA)	3,386	4.725	5,195	5,889	(NA)	31.1	42.1	45.9	51.4
Angiocardiography and arteriography 1	(NA)	355	508	588	693	(NA)	3.3	4.5	5.2	6.0
CAT scan *	(NA)	152	431	530	671	(NA)	1.4	3.8	4.7	5.5
FEMALE	1			1-34		100		100		-
Surgical procedures, total 2 3	12,661	15,989	16,953	16,426	15,994	114.6	137.1	141.1	135.5	130.6
Procedures to assist delivery		2,391	2,405	2.362	2,494	(NA)	20.5	20.0	19.5	20.4
Cesarean section	328	619	808	813	B77	3.0	5.3	6.7	6.7	7.3
Hysterectomy		649	672	664	670	6.6	5.6	5.6	5.5	5.5
Repair of current obstetric laceration		355	479	483	548	2.1	3.0	4.0	4.0	4.5
Diagnostic and other non-surgical proce-	170	14,70	100	100	150		1	111	100	
dures *	(NA)	3,532	4,994	5,370	6,072	(NA)	30.3	41.6	44.3	49.
Diagnostic ultrasound	(NA)	204	431	519	756	(NA)	1.7	3.6	4.3	6.3
CAT scan •	(NA)	154	440	561	707	(NA)	1.3	3.7	4.6	5.6
	0.09	,	1		1.71	4-4			1	1 -

NA Not available. <sup>1</sup> Based on Bureau of the Census estimated civilian population as of July 1. <sup>8</sup> Includes other types of surgical procedures not shown separately. <sup>8</sup> Figures for 1975 should be compared with caution to those for 1980-1985 because data prior to 1980 exclude the following observicel procedures: Episiotomy, artificial rupture of membrane, internal version and outlet, and low forceps delivery. <sup>4</sup> Excluding stull, nose, and jaw. <sup>8</sup> Includes other non-surgical procedures not shown separately. <sup>9</sup> Computerized axial tomography. <sup>7</sup> Using contrast material.

Source: U.S. National Center for Health Statistics, Vital and Health Statistics, series 13, and unpublished data.

## No. 158. AVERAGE COST TO COMMUNITY HOSPITALS PER PATIENT, 1970 TO 1985, AND AVERAGE SEMI-PRIVATE ROOM CHARGE, 1978 TO 1985

(In dollars, except percent. Covers non-Federal short-term general or special hospitals (excluding psychiatric or tuberculosis hospitals and, beginning 1974, hospital units of institutions). Total cost per patient based on total hospital expenses (payroll, employee benefits, professional fees, supplies, etc.). Data have been adjusted for outpatient visits)

TYPE OF EXPENSE AND HOSPITAL	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Average cost per day, total	74	114	134	153	174	194	217	245 12.8	284 16.0	327 15.1	369	411	460
Annual percent change 1 Nongovernmental nonprofit	12.7	113	17.8	14.2	13.9	11.7	11.8	246	286	330	12.8	415	463
For profit.	71	109	133	156	177	202	226	257	299	340	385	438	500
State and local government	71	115	136	151	171	189	212	239	274	312	348	385	433
Average cost per stay, total	605	886	1,030	1,176	1,322	1,474	1,642	1,851	2,171	2,501	2,789	2,995	3,245
Nongovernmental nonprofit	615	896	1,040	1,208	1,363	1,515	1,684			2,573	2,869	3,073	3,307
For profit	486	729	876	1,032	1,168	1,317	1,476				2,518	2,749	3,033
State and local government	614	887	1,031	1,133	1,262	1,399	1,561	1,750	2,072	2,364	2,621	2,823	3,106
Average semi-private room charge (Jan. 1) 2	(NA)	(NA)	(NA)	(NA)	(NA)	105	115	127	144	166	185	203	213

NA Not evallable. <sup>1</sup> For explanation of annual percent change, see Guide to Tabular Presentation. Average change from prior year shown. For 1970, change from 1985. <sup>2</sup> Source: See footnote 1, table 159. Change for 1985 was **3857**Source: Except as noted, American Hospital Association, Chicago, IL., *Hospital Statistics*, annual (copyright); and unpublished.

## ISO. AVERAGE DAILY HOSPITAL ROOM CHARGES, 1980 TO 1987, AND AVERAGE COST TO COMMUNITY HOSPITALS PER PATIENT, 1980 AND 1985—STATES

. Average daily room charges cover non-governmental short-term general hospitals and represent average cost to patient for a semi-private room. See headnote, table 158]

		AGE D		23.7	PER	COS	RAGE PER	STATE		RAGE D			PER AY	COS	RAGE T PER TAY
19	80	1985	1987	1980	1985	1980	1985	_ Y_Y ]	1980	1985	1987	1980	1985	1980	1985
	27	213	244	245	460	1,851	3,245	MO	107	185	209	230	457	1,848	3,383
	96	162	168	209	389	1,459	2,653	MT	113	203	221	160	312	1,321	2,658
	89	274	372	406	693	2,276	3,742	NE	100	155	174	194	347	1,526	2,892
	06	193	259	290	591	2,013	3,547	MILI	125	199	219	203	677	1,432	2.644
	86	141	154	185	381	1,172	2,292	B1 f	146	183	215	212	400	1.850	2.914
	61	281	327	362	654	2,395	4,050	NM.	115	192	227	263	501	1,549	2,837
	24	212	243	247	486	1,760	3,221	NY	157	224	262	257	419	2.469	3.930
	27	206	247	271	502	2,039	3,610	NC	87	139	151	187	356	1,397	2.416
	25	214	279	238	474	1,937	3,357	ND	93	176	186	177	322	1,528	2.918
	70	274	374	358	612	3,189	4,962	OH	139	229	253	241	493	1,907	3,428
	09	182	208	247	386	1,803	3,381	OK	101	165	177	239	455	1,527	2,814
	92	151	160	218		1,380	2,501	OR	133	230	263	277	549	1,671	2,879
		199	267 223		420	1,868	3,522	PA	132	256	294	234	468	1,947	3,412
	10	247	279	206	373 498	1,251	2,402	RI	138	205	248	260	447	2,162	3,432
	07	184	208	214	446	2,183	3,607	SC	80	140	156	186	358	1,367	2,508
1	07	179	194	199	359	1,465	2,942	SD	96	162	174	189	282	1,265	2,442
1 4	04	184	213	207	401	1,592	2,954	TN	91	142	170	204	397	1,427	2,709
1	92	176	199	189	367	1,268	2.323	UT	112	159	184	226	461 556	1,491	2,799
1	89	156	188	233	475	1,492	2.842	VCT	116	211	257	183	343	1,462	2,705
1 4	24	209	222	217	394	1,707	2,870	VA	101	164	180	211	399	1,647	2.862
1 6	19	187	219	251	443	2,136	3,237	14/4	125	229	266	262	546	1,502	3.062
1 4	51	229	262	294	500	2,578	4,194	WV	110	164	184	195	399	1,393	2,520
	51	270	296	267	507	2.087	3,666	WI	104	167	174	218	392	1.765	2.974
	05	188	228	203	369	1.818	3,302	WY	98	166	179	242	367	1,189	2.357
	67	114	125	174	319	1,178	2,037		-				-	1,100	-,

enuary. Source: Health Insurance Association of America, Washington, DC, Source Book of Health Insurance Data, 1985, of Sami-Private Room Charges, semiannual.

Except as noted, American Hospital Association, Chicago, II., Hospital Statistics, annual (coypright); and unpublished data.

180. HOSPITAL DISCHARGES AND DAYS OF CARE, BY SEX, AGE, AND DIAGNOSIS: 1985

[See headnote, table 154]

FIRST-LISTED									Acres
IGNOSIS	Num- ber (1,000)	Per 1,000 per- sons 1	of care per 1,000 per- sons 1	Aver- age stay (days)	AGE AND FIRST-LISTED DIAGNOSIS	Num- ber (1,000)	Per 1,000 per- sons <sup>1</sup>	of care per 1,000 per- sons 1	Aver- age stay (days)
MALE	6		1		FEMALE		-		
ges 1	14,160	123.5	848.7	6.9	All ages 1	20.896	170.7	1,053.3	6.2
f heart		16.7	116.0	7.0	Delivery	3,854	31.5	103.3	3.3
					Diseases of heart		13.7	104.5	7.6
eoplasms		7.8	71.1	9.1			8.3	72.3	8.7
all sites		4.8	36.7	7.7	Malignant neoplasms	1,019			9.8
	433	3.8	29.5	7.8	Fractures, all sites	579	4.7	46.2	
cular disease	416	3.6	36.2	10.0	Cerebrovascular disease	500	4.1	44.5	10.9
15 years 1	1,698	63.8	287.5	4.5	Under 15 years 2	1,274	50.2	232.9	4.6
ratory infection	138	5.2	17.2	3.3	Chronic disease of tonsils		100	hi Michael	
		4.3	18.1	4.2	and adenoids	94	3.7	6.0	1.6
amphysema 2		4.1	13.7	3.3	Pneumonia	91	3.6	16.4	4.6
anomalies		3.8	20.5	5.4	Acute respiratory	91	3.6	11.3	3.2
sease of tonsils	101	3.0	20.5	0.4	Bronchitis, emphysema 3	65	2.6	9.0	3.5
			0		Noninfectious enteritis and			4.4	-
oids	92	3.5	5.1	1.5	colitis	59	2.3	6.8	2.9
years 1	4,153	75,4	458.9	6.1	A			744.3	4.3
all sites	290	5.3	34.7	6.6	15-44 years 3	9,813	173.4		
Mary more resistant		3.7	47.4	12.8	Delivery	3,838	67.8	222.4	3.3
sendence		-	0.50	12.2	Pregnancy w/abortive	70.	- 55	11	12.0
9	195	3.5	38.8	11.0	outcome	378	6.7	14.4	2.2
f heart		3.0	16.6	5.5	Inflammatory disease of		1 700	3.054	100
al disc	100	3.0	10.0	0.0	female pelvic organs	210	3.7	17.7	4.8
	161	2.9	18.7	6.4	Benign neoplasms	194	3.4	17.2	5.0
h	101	2.8	10.7	0.4	Psychosis	192	3.4	52.3	15.4
years *	3,776	176.2	1,219.9	6.9	45-64 years 1	3.834	163.4	1,168,1	7.
heart		36.6	237.4	6.5	Diseases of heart	3,034		120.5	6.7
neoplasms		13.1	119.8	9.1			17.9		
mis		5.1	15.3	3.0	Malignant neoplasms	367	15.6	129.6	8.3
cular disease		5.0	50.7	10.2	Benign neoplasms		5.1	32.0	6.3
	107	5.0	30.7	10.2	Cholelithiasis	103	4.4	30.9	7.
al disc	- 00	4.0	00.0	7.2	Fractures, all sites	96	4.1	29.8	7.5
- Internal metaphorphysics	96	4.6	32.8	1.2	65 years and over 3	5,975	351.4	3,147.1	9.0
rs and older 1	4,533	393.2	3,315.0	8.4	Diseases of heart	1,158	68.1	551.3	8.1
f heart	953	82.6	626.9	7.6	Malignant neoplasms	478	28.1	280.6	10.0
wooplasms	512	44.4	418.4	9.4	Cerebrovascular disease	396	23.3	249.3	10.
cular disease	289	25.1	249.7	9.9		328	19.3	232.5	12
					Fractures, all sites				18
of prostate		17.3	172.6	10.0	Pneumonia	201	11.8	1183	1 0

Inste 1, table 184. Includes other first-listed diagnoses, not shown separately. Includes estima.

8. Methods Center for Health Statistics, Vital and Health Statistics, series 13, and unpublished date.

No	484	Museuse	AND RELATE	o Cane	EAGU ITIES.	1071 70	1008
NO	161.	NURRING	AMD MELATE	IN CARE	PACH ITIES.	IM/I TO	1986

ITEM	Unit	1971	1978	1978	1978	1978	1980	1982	1984	1990	1990
Nursing and related care: <sup>1</sup> Facilities	1,000 1,000 Rate Number	1,202 1,076 569 528 4,277	21,834 1,328 1,198 836 531 3,970 287	(NA) (NA) (NA) (NA) 3,926 287	20,466 1,415 1,293 653 505 3,922 309	* 18,722 * 1,348 * 1,240 * 664 * 535 4,745 408	* 23,065 * 1,537 * 1,396 * 798 * 571 5,052 436 17.7	* 25,849 * 1,642 * 1,493 (NA) (NA) 5,406 488	(NA) (NA) (NA) (NA) (NA) 5,952 530	8451 8451 8451	* 25,646 * 1,709 * 1,553 (NA) (NA) 6,897 (NA)

NA Not available. ¹ Covers rursing homes with 3 bads or more and all other places providing some form of nursing personal, or domiciliary care; standards vary widely among States. Includes skilled nursing facilities. 1971–1985 based on National Master Facility Inventory. Some changes in data beginning 1976 may be due to dependence on State collection. 1985 data based on the 1986 inventory of Long-Term Care Places. Data may not be strictly comparable with previous year data. ² includes 1978 data for California, District of Columbia, New York, and North Carolina. ² Excludes hospital-based nursing homes and includes 1978 data for Alaska and South Dakota. ⁴ Excludes hospital-based nursing homes. ⁴ Source: Through 1976, U.S. Social Security Administration, Health Insurance Statistics and unpublished data. Beginning 1978, U.S. Health Care Financing Administration, Medicare Participating Providers and Suppliers of Health Services, 1990; and unpublished data. Covers tacilities and bade certified for participating under Medicare as of mid-year. Includes facilities which have transfer agreements with one or more participating hospitals, and are engaged primarily in providing skilled nursing care and related services for the rehabilitation injured, disabled, or sick persons. ⁴ Based on number of aged persons residing in United States who were enrolled in the Medicare hospital insurance program as of July 1 of year stated.

Source: Except as noted, U.S. National Center for Health Statistics, Health Resources Statistics, annual through 1976 and 1978; 1982, Advance Data from Vital and Health Statistics, No. 111 and unpublished data.

No. 162. Nursing and Related Care Facilities—Selected Characteristics: 1986

[Excludes hospital-based nursing homes. Based on the 1996 Inventory of Long-Term Care Places. For composition of regions, see fig. I, inside front cover]

	TO	TAL FACILIT	IES	NUF	RSING HOME	S 1	RESIDE	NTIAL FACI	LITIES #
CHARACTERISTIC	Homes	Beds (1,000)	Average number of beds	Homes	Beds (1,000)	Average number of beds	Homes	Beds (1,000)	Average number of beds
Total	25,646	1,709.2	67	16,388	1,507.4	92	9,258	201.8	22
Northeast	4,863 7,474 7,311 5,998	373.8 539.8 516.5 279.1	77 72 71 47	2,948 5,393 5,008 3,039	317.5 506.7 464.0 219.2	108 94 93 72	1,915 2,081 2,303 2,959	56.3 33.1 52.5 59.9	29 16 23 20
Government	1,045 20,223 4,378	106.6 1,235.4 367.2	102 61 84	789 12,336 3,263	99.7 1,079.0 328.7	126 87 101	256 7,887 1,115	6.8 156.5 38.5	27 20 35
3-9 beds 10-24 beds 25-49 beds 50-74 beds 50-74 beds 75-99 beds 100-199 beds 200-299 beds 300-499 beds 500 beds or more	3,470 2,526 5,755 858	32.6 58.1 115.5 208.7 221.6 756.2 198.2 84.9 33.4	6 16 37 60 88 131 231 355 667	1,340 1,069 2,061 3,037 2,335 5,468 804 225 49	7.2 18.2 77.8 182.7 205.4 717.6 186.1 80.1 32.3	5 17 38 60 88 131 231 356 659	4,578 2,626 1,074 433 191 287 54 14	25.5 39.9 37.6 26.0 16.3 38.6 12.1 4.8	15 35 60 81 135 225 340 1,050
Certification:  Medicare or Medicaid (skilled nursing facility) s  Medicaid (intermediate care facility) s  Not certified nursing home  Residential facilities	5,375 2,968	984.1 411.5 111.8 201.8	122 77 38 22	8,045 5,375 2,968 (x)	984.1 411.5 111.8 (x)	122 77 38 (x)	9,258	201,8	21

<sup>-</sup> Represents zero. X Not applicable. ¹ These facilities have three or more beds and provide to adults who require it either (a) numing care or (b) personal care (such as help with bathing, eating, using toilet facilities, or dressing) and/or supervision over such activities as money management, walking, and shopping. ³ These facilities offer no numing services and provide only personal care or supervisory care. ³ Facilities certified as both skilled nursing facilities and intermediate care facilities have been classified as skilled nursing facilities.

Source: U.S. National Center for Health Statistics, unpublished data.

### NO. 163. NURSING HOME RESIDENTS—LIVING ARRANGEMENTS PRIOR TO ADMISSION, SOURCE OF PAYMENT, AND DEPENDENCY STATUS, BY AGE AND SEX: 1985

[For civillan population 65 years and over. Based on the 1965 National Nursing Home Survey conducted from August 1986 through January 1986. Based on sample and subject to sampling variation; see source for details]

			AGE		8	EX
ITEM	Total	65-74 years	75-84 years	65 years and over	Male	Female
All residents (1,000)	1,316.9	212.1	809.0	804.7	334.0	<b>601.9</b>
LIVING ARRANGEMENTS—PERCENT DISTRIBUTION		l				İ
Total 1	100.0	100.0	100.0	100.0	100.0	100.0
Private or semiprivate residence 1	40.0	29.2	40.5	43.3	36.3	41.2
Alone	14.7 18.9	16.0	14.7	17.0 19.2	11.6 19.3	15.8 18.8
Another health facility 1	57.0	67.7	56.5	53.6	60.4	55.9
Another nursing home	12.2	12.9	12.6	11.5	13.1	11.8
General or short-stay hospital *	38.7	39.5	38.2	38.9	35.2	40.0
PRIMARY SOURCE OF PAYMENT—PERCENT DISTRIBUTION		l	1	1		1
Total 1 2	100.0	100.0	100.0	100.0	100.0	100.0
Own income or family support	49.8	39.0	51.2	52.4	50.9	49.5
Medicare	4.9	4.7	5.2	4.8	4.8	4.9
Medicaid payment for— Skilled nursing	13.9	13.9	13.5	14.3	11.9	14.8
Intermediate care	26.2	31.5	25.3	25.1	23.7	27.0
DEPENDENCY STATUS		H		ŀ	1	
Average number of dependencies	3.9	3.4	3.8	4.2	3.6	4.0
Percent of nursing home population requiring assistance in-				l	l	ŀ
Belthing	91.2	84.8	90.3	94.1	68.9	92.6
Dressing	77.7	70.2 56.6	75.9	81.9	71.5	79.7 65.7
Using tallet room	63.3 82.7	52.1	80.3 59.7	68.2 69.0	56.2 55.3	68.2
Eathy	40.4	33.4	39.1	44.0	34.8	42.3
Continence	54.5	42.9	56.0	58.1	51.9	55.3

Includes other living arrangements and payment sources, not shown separately.
 Excludes psychiatric units of hospitals.
 For paraons who were residents for one month or more.
 Getting in or out of a bed or a cheir.

#### No. 164. RESIDENTIAL FACILITIES FOR THE MENTALLY RETARDED: 1960 TO 1985

[For years ending June 20. Mentally retarded people refers to those who have been so designated by State governments in the process of placing them into residential facilities]

ITEM			STATE-OP	ERATED F	ACILITIES 1			PRIN FACILI	
	1980	1980	1975	1975	1980 *	1984 *	1905 1	1977	1902
Number of facilities 4. Resident patients, beginning of year	158,682 14,701 3,202 6,451 163,730 91.9	143 181,549 17,300 3,583 7,993 187,273 97,7 189,172	190 189,956 14,965 3,496 14,702 186,743 92.5 187,897	210 166,689 13,424 2,752 18,320 159,041 74.4 181,081	394 148,734 14,084 2,142 16,225 140,230 62,2 138,304	7,700 1,623 10,223 116,518 49.1	861 117,101 7,713 1,537 10,310 112,183 46.8 111,791	10,219 (NA) 22,363 691 12,364 69,120 41,2 (NA)	14,605 (NA) 22,431 920 12,999 115,032 49.7 (NA)
Maintenance expenditures per dey per average daily recident patient (dollars) 4	5	6	13	31	68	113	122	• 19	• 37

NA Not available. ¹ Data as submitted by many State agencies; figures reflect some estimates. Resident patients at the end of a year do not equal the number at the beginning of a succeeding year, includes estimates for underreporting. ² Includes data for 142 facilities in 1980, 119 facilities in 1984, and 121 facilities in 1985, operated as mental hospitals or other oare facilities was 8,240 in 1980; 5,678 in 1984; and 5,802 in 1985. ² A privately-operated living quarter which provides 24-hour, 7-days-awast responsibility for room, board, and supervision of mentally retarded persons. Excludes single-tamly homes providing services to a relative; running homes, boarding homes and foster homes not formally isonated as mental retardation service providers; and independent living programs which have no staff residing in tacility. ¹ Beginning 1984, reflects the development of a large number of community besed State-operated facilities which were developed in the early 1980's. ¹ includes readmissions and excludes transfers. ¹ 1980-1975, represents excess of patients released alive from hospital over those readmissions and excludes transfers. ¹ 1980-1975, represents excess of patients released alive from hospital over those readmissions and excludes callities only; includes salaries and wages, purchased provisions, fuel, light, water, etc. ¹ Represents average daily reimbursement rate per resident.

Source: State-operated tacilities: U.S. Office of Human Development Services, Residents in Public Institutions for the Mentally Retarded, annual through 1970, and unpublished data; 1980, Krantz, Clumpner, Rotegard, and Bruininka, Mentally Related People in State-Operated Residential Facilities, Year Ending June 30, 1990; 1994 and 1986, Lakin, HIII, Street, and Bruininka, Persons with Mental Retardation in State-Operated Residential Facilities: Years Ending June 30, 1994 and June 30, 1995. University of Minnesota, Minnespolls, MN. Private tacilities: Hill, Lakin, and Bruininka, Trends in Residential Services for Mentally Retarded People: 1977-1982.

Source: U.S. National Center for Health Statistics, Use of Nursing Homes by the Elderly: Preliminary Data from the 1985 National Nursing Home Survey, Advance Data, No. 135, May 1987.

#### No. 165. MENTAL HEALTH FACILITIES—SUMMARY BY TYPE OF FACILITY: 1980 TO 1986

[Facilities and beds as of January; inpatients as of yearend; other data are for calendar year or facel year ending in a month other than December since facilities are permitted to report on either a calendar or facel year basis. Excludes private psychiatric office practice and psychiatric service modes of all types in hospitale or outpatient clinics of Federal agencies other than Veterans Administration]

			MEN HOSPI		General	Veterans	Commu- nity	Free- standing	
ITEM AND YEAR	Unit	Total	State and county	Pri- vate <sup>1</sup>	hospi- tals <sup>2</sup>	Adminis- tration <sup>2</sup>	mental health cen- ters 4	psychiaf- ric outpatient clinics	other
umber of facilities:			į						1
1980	Number	3,727	280	552	• 923	4 138	7 691	1,053	l
1982		4,302	277	550	* 1,531	129	(*)	1,473	• 3
1984	Number	4.436	277	542	0 1,347	139	(*)	• • 792	••1,3
1988		4,579	286	596	10 1,347	10 139		* * 750	0 9 1,4
patient beds:			li	1	1				
1980	1.000	274.7	158.5	37.4	• 29.4	• 33.8	7 16.3	(x)	1
1982	1.000	247.3	140.1	37.5	* 36.5	24.6		8888	•
1984		252.5	126.8	37.1	* 46.0	23.5		1 83	8 9 1
1968	1,000	257.0	124.8	44.8	0 10 48.0	10 23.5	! }• <b>í</b>	1 23	8 9 1
Per 100,000 population: 11	-,				1		١ ١/	ı '~'	l '
1980	Rate	124.3	70.2	18.8	* 13.7	4 15.7	77.3	(4)	l
1984		106.5	55.4	16.0	• 19.6	10.1		) ) ) (	••
1986		108.5	52.3	18.9	9 10 19.6	10 10.1	8	88	••
patients:	1				1			1	ļ
961	1,000	214.1	125.2	31.9	* 28.7	21.0	(8)	· ·	
1963	1.000	224.1	116.8	31.9	* 32.1	20.2	8	888	
1903					8 18 32.1	18 20.2	1 52	1 122	1
965	1,000	221.4	115.9	36.9	32.1	20.2	ן פי	(X)	, ,,,
Per 100,000 population: 11	l <b></b>		ll						٠
1983	Rate	96.4	50.3	13.7	• 13.8	8.7	8	(X)	
1985	Rate	90.2	49.1	8.8	• 12 13.8	12 8.7	(*)	(X)	••
verage daily inpetients:			ł!	l .					
1981	1,000	211.0	122.1	32.1	* 29.3	20.8	(3)	8	
1983	1,000	219.1	116.2	32.3	* 12 29.3	20.3	(*)	(X)	***
patient care episodes: 14	ļ								
Í 96 1	1,000	1,720	499	211	• 677	206	(*)	(x)	
1983	1,000	1,854	453	213	* 820	171	(*)	1 (x)	
1985	1,000	1,820	458	226	* 13 820	18 171	99	88	
Per 100,000 population: 11					1	ł		, ,	1
1983	Rate	796	195	92	• 351	73	(*)	(x)	
1985	Rate	775	193	95	* 13 351	12 73	(2)	&	• 1
otal expenditures:	1		ii .	1			}	l	
1961	Mil. dol	(NA)	4.493	1.643	• 2.033	(NA)	(*)	° 1.554	•
963	Mil. dol	14.432	5,491	2.285	• 2.178	1.316	8	430	8 9 2
965		15,323	5,673	2,538	13 2,176	12 1,316	l %	** 405	••3,
Constant (1980) dollars: 15			-,				ı ''	1	۳ ا
1963	Mil. dol	4.583	1,743	725	• 693	418	(0)	** 136	
1085		4,438	1,596	714	· 12 693	12 418	3	** 114	
Constant (1968) dollars ner		7,700	,,,,,,,,,	/ / '		1 7.0	ı (,	''-	1 '
Constant (1969) dollars per capita: 11 18	l	l	И	l		l	i	ŀ	i .
1983	Dollars	19.72	7.50	3.12	* 2.96	1.80	(m.	• • .59	203
1985	Dollars	18.83	6.73	3.02	3 13 2.98	12 1.80	(8)	••.48	•••
itlant care staff:	1	1		1	1				1
1980	1,000	(MA)	128.8	36.0	(NA)	(NA)	18 45.4	18.7	1
1962		(NA)	124.2	40.4	I INA	(NA)	/A\	* 48.1	
1984		283.2	123.5	47.9	I INA	23.2	8	16.0	
T									(

Source: U.S. National Institute of Mental Health, Statistical Note series, and unpublished data.

NA Not available. X Not applicable.

1 includes residential treatment centers for emotionally disturbed children.
2 Non-Federal hospitals with separate psychiatric services.
3 includes Veterans Administration (VA) neuropsychiatric hospitals, VA general hospitals with separate psychiatric settings and VA freestanding psychiatric outpatient clinics.
4 Federally funded.
3 Other multiservice mental health scillibes with an inpatient setting which are not elsewhere classified. Number of facilities, expenditures, and staff data also include freestanding psychiatric day/night facilities.
9 1978 dats.
7 As of February 1981.
3 As a result of the shift in funding of the community mental health center (CMHC) program from categorical to block grants, the category CMHC was dropped in 1981. Organizations which had been classified as federally funded CMHC in previous years were reclassified as multiservice mental health organizations, freestanding psychiatric outpatient clinics, or as psychiatric units of non-Federal general hospitals, depending on the types of services they directly operated and controlled.
9 For prior years an organization had to have either inputent or residential treatment services in combination to two or more settings (e.g. outpatient plus partial care, residential treatment puts outpatient plus partial care; and in enither a hospital nor a residential treatment center for emotionally disturbed children is classified as a multiservice mental health organizations.
1 1984 data.
1 Based on Burseu of the Census estimated civilian population as of July 1.
1 1983 data.
1 1 Based data.
1 1 Based on Burseu of the Census estimated civilian population as of July 1.
1 1 1983 data.
1 2 1881 data.
1 2 1881 data.
1 3 1881 data.
1 3 1881 data.
1 3 1881 data.
1 4 1882 data.
1 5 1882 data.
1 5 1882 data.
1 5 1882 data.
1 5 1882 data.
1 5 1883 data.
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1 7 1883 data.
1 8 1883 data.
1 8 1884 data.
1 8 1884 data.
1 8 1884 data.
1 8 1884 data.
1 9 1885

#### No. 166, Days of Disability, by Type and Selected Characteristics: 1970 to 1985

s civilian noninstitutional population. Beginning 1982, the levels of estimates may not be comparable to estimates for 1970-) because the later data are based on a revised questionnaire and field procedures: for further information, see source, it on Netional Health Interview Survey; see Appendix III. For composition of regions, see fig. 1, inside front cover?

		TOTAL DA	YS OF DI	SABILITY	(millions	)		D	AYS PER	PERSO	ON	
ITEM	1970	1980	1982	1983	1984	1985	1970	1980	1982	1983	1984	1985
ted-activity days 1	2,913	4,165	3,253	3,318	3,427	3,453	14.6	19.1	14.3	14.5	14.8	14.8
		1,802	1,373	1,365	1,454	1,442	13.2	17.1	12.5	12.3	13.0	12.8
ale		2,363	1,880	1,953	1,973	2,011	15.8	21.0	16.0	16.5	16.5	16.6
0 7	2,526	3,518	2,746	2.813	2,905	2,899	14.4	18.7	14.2	14.3	14.7	14.5
k .	365	580	438	452	461	489	16.2	22.7	16.3	16.6	16.6	17.4
anic 3		(NA)	(NA)	(NA)	229	228	(NA)	(NA)	(NA)	(NA)	12.9	13.2
er 65 years	2,331	3.228	2,451	2.487	2.587	2.557	12.9	16.6	12.2	122	12.6	12.4
ears and over		937	803	831	840	895	30.7	39.2	31.6	32.1	31.8	33.1
heast	709	862	669	716	700	689	14.5	17.9	13.5	14.6	13.9	13.8
vest	691	989	754	762	799	744	12.4	17.2	12.8	12.9	13.4	12.7
h		1,415	1,146	1,184	1,232	1,308	15.9	19.8	15.4	15.6	16.0	16.3
L		899	684	657	696	712	15.6	22.0	15.6	14.5	15.5	15.7
lly income: 4	1000	100	11527	7.0	100.0		100	4,00	123	1.00	100	15
der \$5,000		762	443	397	377	349	23.3	37.5	28.4	24.7	25.3	26.0
,000-\$9,999	857	804	587	618	576	544	12.8	25.6	22.4	23.7	23.6	25.6
0,000-\$14,999	539	636	444	439	432	397	11.5	19.4	16.0	17.5	17.6	17.9
5,000-\$24,999	257	803	661	640	687	683	11.0	15.1	12.3	12.3	13.8	14.3
5,000 and over	74	784	787	821	942	1,061	10.7	12.7	9.8	10.0	10.6	10.6
sability days 5	1,222	1,520	1,445	1,530	1,508	1.436	6.1	7.0	6.4	6.7	6.5	6.1
	600	616	592	632	624	583	5.2	5.9	5.4	5.7	5.6	5.2
ale		904	853	898	884	852	6.9	8.0	7.3	7.6	7.4	7.1
er 65 years	959	1,190	1.071	1.097	1.110	1.064	5.3	6,1	5.3	5.4	5.4	5.1
ears and over		330	373	433	398	371	13.8	13.8	14.7	16.7	15.1	13.7
oss days "	417	485	453	419	512	575	5.4	5.0	4,6	4.2	4.9	5.3
		271	225	207	259	287	5.0	4.9	4.0	3.7	4.4	4.8
ale		215	227	212	254	288	5.9	5.1	5.3	4.9	5.6	6.0
loss days 7	222	204	214	225	227	217	4.9	5.3	4.7	5.0	5.1	4.8
		95	103	107	108	100	4.7	4.8	4.4	4.7	4.8	4.4
alo		109	112	118	119	117	5.1	5.7	5.0	5.4	5.4	5.3

Not available.

Not available.

Say when a person cuts down on his usual activities for the whole day because of illness or injury, includes bed-disability, its, and school-loss days. Total includes other items not shown separately.

Spinning 1980 race was determined by asting the household respondent to report his race. In earlier years the racial cation of respondents was determined by interviewer observation, panic persons may be of any race.

Suddes those with unknown income.

Saw when a narson was kept in bed either all or most of the day because of illness or injury, includes those work-loss and

say when a person was kept in bed either all or most of the day because of illness or injury, includes those work-loss and loss days actually spent in bed.

where users excusing appears in our.)

day when a person lost the entire workday because of illness or injury. Computed for persons 17 years of age and over ling 1982, 18 years of age and over) in the currently employed population, defined as those who were working or had a job mess from which they were not on layoff during the 2-week period preceding the week or intensities.

Bit's loss of entire school day because of illness or injury. Computed for children 6-16 years of age. Beginning 1982, -17 years old.

be: U.S. National Center for Health Statistics. Vital and Health Statistics, series 10; and unpublished data.

#### No. 167. Persons Injured, By Sex, 1970 to 1985, and By Age and Place, 1985

s civilian noninstitutional population and comprises incidents leading to restricted activity and/or medical attention. 1975 and raing 1992, data not strictly comparable with other years. See headnote, table 168. Based on National Health Interview ey; see Appendix III]

		sons in (million			OPULAT		AGE AND PLACE	PER	sons in (million			OPULAT	
	Total	Male	Female	Total	Male	Female		Total	Male	Female	Total	Male	Female
-	56.0	31.8	24.2	28.0	33.0	23.3	1985, total 1		34.6	28.0	26.8	30.6	23.1
	71.9	39.4	32.5	34.4	39.1	30.0	Under 6 years	6.3	2.8	3.5	29.1	25.3	33.0
min	65.4	37.1	28.3	31.1	36.5	26.0	6-16 years	12.7	7.7	5.0	33.8	40.0	27.3
and a	73.9	42.3	31.6	34.8	41.3	28.8	17-44 years		19.3	12.1	30.5	38.3	23.0
diam	67.5	38.1	29.4	31.6	36.9	26.6	45-64 years	7.4	3.6	3.8	16.6	17.1	16.2
	0.00		45.55	D.E.	100	100	65 years and over	4.8	1.2	3.6	17.8	11.1	22.5
	69.1	40.2	28.9	32.0	38.6	25.9	The second second	1270	1000	14.54	1 2	100	100
	68.1	39.0	29.1	31.2	37.1	25.8	Home	21.6	9.7	11.9	9.3	8.6	9.9
-	70.3	40.1	30.2	31.2	36.9	25.9	Street or	100	1000		100		
	60.0	32.4	27.6	26.4	29.6	23.4	highway	7.1	3.6	3.5	3.1	3.2	2.9
-	61.1	33.0	28.1	26.6	29.6	23.7	Industrial	8.0	5.8	2.2	3.4	5.1	1.8
-	61.1	33.7	27.4	26.4	30.1	22.9	Other	17.1	12.0	5.0	7.3	10.7	4.2

studes unknown place of accident, not shown separately.

res: U.S. National Center for Health Statistics, Vital and Health Statistics, series 10, and unpublished data.

#### No. 168, PERCENT OF CHILDREN IMMUNIZED AGAINST SPECIFIED DISEASES, BY AGE-GROUP: 1960 TO 1985

[Covers civilian noninstitutional population. Data are estimates from the Immunization Survey which is a supplemental questionnaire submitted to a subsample of households interviewed for the Current Population Survey (see text, section 1 and Appendix III). Subject to sampling variability; see source)

					ALL RESP	ONDENTE	<u> </u>				RESPO	
		1~	YEARS	OLD			5-1	4 YEARS	OLD		RECO	
DISEASE				1990					1985		18	<b>60</b>
	1980, total	1984, total	Total	White	Black and other	1980, total	1984, total	Total	White	Black and other	1-4 years old	5-14 years old
Diphtheria-tetanus- pertuseis * Polio *	66.3 58.8 63.5 63.5 56.8	66.7 54.8 62.8 80.9 58.7	84.9 55.3 60.8 58.9 58.9	68.7 58.9 83.8 81.6 61.8	48.7 40.1 46.8 47.7 47.0	74.0 70.0 71.0 74.0 63.2	73.8 70.2 73.5 72.4 70.9	73.7 89.7 71.5 70.2 71.6	76.0 72.8 73.8 72.3 73.6	84.0 57.5 62.8 61.4 63.2	87.0 75.7 76.9 73.8 75.5	93.0 86.4 87.8 85.3 87.1

<sup>&</sup>lt;sup>1</sup> Data are based only on the 29 percent of White respondents and the 15 percent of Black and other respondents who consulted records for some or all vaccination questions. 

<sup>2</sup> Three or more doses.

#### NO. 169. SPECIFIED REPORTABLE DISEASES—CASES REPORTED: 1960 TO 1986

[Figures should be interpreted with caution. Although reporting of some of these diseases is incomplete, the figures are of value in indicating trends of disease incidence. Includes cases imported from outside the U.S. See *Historical Statistics, Colonial Times to 1970*, series B 291–303, for related data]

	1960	1970	1975	1960	1951	1982	1963	1964	1980	1980 1
AIDS :	(NA)	(NA)	(NA)	(NA)	199	744	2.117	4,445	8,249	13,006
Vmebiasis	3.424	2.888	2,775	5,271	6.632	7,304	6.658	5,252	4,433	(NA
Aseptic meningitis	1.593	6,480	4,475	8.028	9,547	9,680	12,695	8.326	10,619	10,74
resput memyus	1,363	12	20	89	103	97	133	123	122	10,73
Botuliem <sup>8</sup>	751		310					131		9
Brucellosis (undulant fever)	/51	213		183	185	173	200		153	
Chickenpox (1,000)	.(2)	(°) 435	154.2	190.9	200.8	167.4	177.5	222.0	178.2	(NA
Diphtheria	918	435	307	3	5	2	) 5	ו ו	3	٠ ١
Encephalitie:	1	l	i							. ـ ـ ـ ا
Primary infectious *	1 2 241	∫ 1,580	4,064	1,362	1,492	1,464	1,761	1,257	1,376	1,23
Post infectious *	ر مار ا	370	237	40	43	36	34	108	181	0
lepatitis: B (serum) (1,000)	\$ 41.7	8.3	13.1	19.0	21.2	22.2	24.3	26.1	26.6	25.1
A (Infectious) (1,000)	.y	56.8	35.9	29.1	25.8	23.4	21.5	22.0	23.2	23.
Unspecified (1,000)	SEC. 3	[3]	7.2	11.9	11.0	8.6	7.1	5.5	5.5	4.4
Non-A, non-B (1,000)	.  (4)	(4)	(4)	(4)	(4)	2.8	3.5	3.9	4.2	3.0
egioneliceis	1 745	1 14	3	8	8	654	852	750	830	83 25
eproey	1 34	129	162	223	256	250	259	290	361	26
eptoepirosis	53	47	93	85	62	100	61	40	57	4
Malaria	72	3.051	373	2.082	1.388	1.056	813	1.007	1.049	1.08
Measles (1,000)	441.7	47.4	24.4	13.5	3.1	1.7	1.5	2.6	2.8	6.
Meningococcal infections	2.259	2,506	1.476	2.840	3.525	3.056	2.736	2.748	2,479	2.48
Mumps (1,000)	2,250	105.0	59.8			5.3		3.0	3.0	- 7
Pertuseis (1,000)	(2)			8.6	4.9		3.4			4
*eruses* (1,000)	14.8	4.2	1.7	1.7	1.2	1.9	2.5	2.3	3.8	1
Plague	. 2	13	20	18	13	19	40	31	17	
Poliomyelitis, acute		33	8	9	6	8	15	8	7	.3
Psittacosis	. 113	35	49	124	138	152	142	172	119	5,297
Rabies, animal	3,567	3,224	2,627	6,421	7,118	6,212	5,878	5,567	5,565	5,29
Rabies, human	.  2	3	2	-	2	-	2	3	1	١ ٠
Rheumatic fever, acute 7		3,227	2,854	432	264	137	88	117	90	(944
Rubella • (1,000)		56.6	16.7	3.9	2.1	2.3	1.0	1.0	.6	1
Salmonellosis * (1,000)	. 6.9	22.1	22.6	33.7	40.0	40.9	44.3	40.9	65.3	DUA DUA
Shigelloeis <sup>10</sup> (1,000)	. 12.5	13.6	16.6	19.0	19.9	18.1	19.7	17.4	17.1	. bu
Streptococcal sore throat, scarlet	1		1							
fever (1,000)	315.2	433.4	11 330.8	11 370.0	11 342.2	11 259.7	11 214.0	(NA)	(NA)	(044
Tetanus	368	148	102	95	72	88	91	74	83	
Toxic-shock syndrome	(*)	(9)	(4)	(9)	(4)	l $\widetilde{\mathfrak{O}}$	502	482	384	96
Trichinosis	160	109	252	131	206	115	45	88	61	36
Tuberculosis 18 (1,000)	55.5	37.1	34.0	27.7	27.4	25.5	23.8	22.3	22.2	22
Tularemia		172	129	234	288	275	310	291	177	16
Typhoid fever	816	346	375	510	584	425	507	390	402	22
Typhus fever:	. 010	340	3/5	310	304	425	307	380	402	-
	١	l		1	1	l	1			
Flee-borne (endemic-murine) Tick-borne (Rocky Mt. spotted		27	44	61	81	58	62	53	37	•
fever)	. 204	380	844	1,163	1,192	976	1,126	838	714	79
Venereal diseases (civilian cases):	1	1	1	1	1	I	1	1	I	1
Gonorrhea (1,000)	. 259	600	1,000	1.004	991	961	900	879	911	
Syphilis (1,000)	122	91	80	69	73	76	75	70	68	
Other (1,000)	2.8	2.2	1.1	1.0	1.2	1.6	1.2	1.0	2.3	<b> </b>

<sup>-</sup> Represents zero. NA Not available. 

1 Pretiminary. 
2 Acquired immunodeficiency syndrome was not a notifield todocome, infant, wound, and unspecified cases. 
2 Disease was not notifiable. 
3 Beginning in 1975, included todocome, infant, wound, and unspecified cases. 
4 Disease was not notifiable. 
3 Beginning in 1975, reported data reflect in 1980, and 1980, and 31 in 1985. 
4 Beginning in 1975, and 1980, and 1980, and 1980, and 1980, and 1980, and 1980, and 1980, and 1980, and 1980, and 1980, and 1980, and 34 in 1983. 
1 Based on reports from States: 41 in 1975 and 1980; 40 in 1981; 36 in 1982; and 34 in 1983. 
1 Newly reported and cases. New diagnostic standards introduced in 1975.

Source: U.S. Centers for Disease Control, Atlanta, GA, United States Immunization Survey, annual.

Source: U.S. Centers for Disease Control, Atlanta, GA, Morbidity and Mortality Weekly Report (annual supplements); 1986 di from vol. 35, No. 53, January 9, 1967.

#### No. 170. AIDS CASES REPORTED, BY PATIENT CHARACTERISTIC: 1981 TO 1987

[Provisional. For cases reported in the year shown. Data are subject to retrospective changes and may differ from these data in table 169]

			N	UMBER				PERCENT DISTRIBUTION			
CHARACTERISTIC	Total	1601-62	1983	1984	1980	1900	1967 1	1961-82	1983	1967 1	
Total	37,481	641	2,000	4,481	8,249	12,929	8,783	100.0	100.0	100.0	
Under 13 years old	497	13	34	47	127	169	107	1.4	1.5	1.2	
13-29 years old	7 998	214	467	972	1.716	2,770	1.859	22.7	20.8	21.2	
30-39 years old	17,468	440	949	2.130	3,877	6.026	4.046	48.8	47.0	48.1	
40-49 years old 50-50 years old	7,807	204	454	935	1.710	2.645	1.859	21.7	20.7	21.2	
50-59 years old	2.745	65	164	314	620	950	632	6.9	7.5	7.2	
60 years old and over	968	5	30	83	199	369	280	.5	2.4	3.2	
Sar			ŀ			İ		l i			
Male	34,741	879	1.941	4,189	7,689	11.922	8,141	93.4	93.0	92.7	
Female	2.740	62	157	292	580	1.007	642	6.6	7.0	7.3	
	2,. 40	_				1,00	-	5.5			
Rece/ethnic group:			4 000			7 700			-4-0		
White, non-Hispanic		548	1,202	2.716	5,040	7,793	5,664	58.4	61.2	64.7	
Black, non-Hispanic	9,243	260	559	1,117	2,076	3,245	1,986	27.7	25.2	22.	
Hispanic	4,908	127	310	610	1,071	1,768	1,022	13.5	13.0	11.7	
Other	367	6	27	38	62	123	111	.4	.6	3.	
Leading States: 2						1		1			
New York		468	875	1,589	2,504	3,794	1,861	49.5	30.4	18.9	
California	8,784	189	489	1,031	1,982	2,656	2,437	20.1	24.0	27.6	
Florida		68	153	314	552	840	626	7.2	6.7	7.1	
Texas	2,512	20	68	251	486	939	728	2.1	5.9	6.3	
New Jersey	2,211	64	137	260	471	773	486	6.6	5.7	5.5	
Mincie	1,002	23	34	102	192	363	286	2.4	2.3	3.3	
Pennsylvania	862	18	37	91	195	298	223	1.9	2.4	2.5	
Massachusetts	799	13	33	87	185	279	222	1.4	2.0	2.5	
Georgie	783	11	28	56	192	286	210	1.2	2.3	2.4	
Percent of total	81.1	92.7	89.2	64.8	81.7	79.1	78.3	(x)	(x)	(x	

X Not applicable. 

<sup>1</sup> January 1 until late June. 

<sup>2</sup> Nine States with at least 200 cases reported from January through June 1997.

Source: U.S. Centers for Disease Control, Atlanta, GA, unpublished data.

#### No. 171. ACUTE CONDITIONS, BY TYPE, 1970 TO 1985, AND BY SELECTED CHARACTERISTICS, 1985

[Covers civilian noninstitutional population. Estimates include only acute conditions which were medically attended or caused at least one day of restricted activity. Based on National Health Interview Survey; see Appendix III. See headnote, table 165. For composition of regions, see fig. I, incide front cover]

	, ML	IMBER OF	CONDIT	IONS (mil.)	ř.	,	NATE PER	100 POF	PULATION	
YEAR AND CHARACTERISTIC	Infective	Respiratory		Diges-	inju-	Infective	Respiratory		Diges-	Inju
	and parasitic	Upper	Other		ries	and peraeitic	Upper	Other	tive system	rie
770	48.2	127.3	92.5	23.0	59.2	24.1	63.7	46.3	11.5	29
175	47.6	124.0	109.0	21.6	76.2	22.8	59.3	52.1	10.3	36
778	52.9	126.4	121.1	22.9	70.7	24.7	59.1	56.6	10.7	33
79	52.7	129.8	101.7	24.7	74.4	24.4	60.1	47.1	11.4	3
60	53.6	124.2	129.0	24.9	72.7	24.6	57.0	59.2	11.4	3
<u> </u>	53.2	125.4	126.4	21.8	74.7	23.6	55.7	58.2	9.7	3
<u>82</u>		93.1	87.9	14.8	61.8	18.8	41.0	38.7	6.5	2
63	48.5	93.0	101.8	17.5	63.0	20.3	40.6	44.4	7.6	2
184	46.5	68.0	117.4	17.5	62.8	20.1	36.0	50.7	7.6	2
1996, total <sup>1</sup>	47.8	96.1	108.4	16.3	64.0	20.5	40.7	46.4	7.0	1
nder 5 years old	9.1	17.1	10.4	1.6	5.4	50.5	95.0	57.6	8.9	3
17 years old	17.5	26.8	27.2	4.4	15.4	39.0	59.9	60.7	9.9	3
-24 years old	4.8	11.2	11.6	2.7	9.6	17.7	40.7	42.4	9.9	3
-44 years old	12.4	23.1	37.0	3.7	21.0	17.2	32.0	51.4	5.1	1
-64 years old	2.7	11.4	15.6	2.4	7.7	6.0	25.5	35.1	5.5	1
years old and over	1.4	5.6	6.7	1.5	5.0	5.1	20.6	24.7	5.4	1
de		41.6	48.1	6.9	35.1	18.2	36.9	42.6	6.1	1 3
male	27.3	53.5	60.3	9.4	28.9	22.6	44.2	49.9	7.8	1
hite	43.2	82.0	99.9	13.2	55.4	21.7	41.2	50.1	6.6	2
ack	4.2	10.8	6.8	2.7	6.7	14.9	38.5	24.3	9.7	2
ortheast	12.2	20.6	19.4	3.0	11.5	24.5	41.4	39.1	5.9	2
dweet	8.4	23.7	26.9	3.7	15.3	14.4	40.5	49.3	6.2	
		30.4	29.3	6.1	21.6	26.0	37.9	36.6	7.6	1
		20.4	30.8	3.6	15.6	14.1	45.1	68.0	7.9	3
imily income:			1		1	I	ļ			
Under \$10,000	4.6	16.2	14.2	3.0	10.8	13.9	46.7	40.9	6.8	1 3
\$10,000-\$19,999	8.5	19.2	25.0	2.8	12.9	18.2	41.0	53.3	6.0	1
\$20,000-\$34,9 <del>99</del>	15.3	25.3	29.3	4.9	19.3	23.4	38.7	44.8	7.5	1
\$35,000 or more	14.4	22.8	28.5	3.7	14.7	25.1	39.6	49.6	6.4	1 2

<sup>\*</sup> Includes other races and unknown income, not shown separately.

Source: U.S. National Center for Health Statistics, Vital and Health Statistics, series 10, and unpublished data.

No. 172. Persons with Selected Chronic Conditions, By Age and Sex: 1980 and 1985 [See headnote, table 173]

	19	80	l	1985											
	Per-		Per-	RATE <sup>1</sup>											
CHRONIC CONDITION	sons with condi- tion (1,000)	Rate 1	sons with condi- tion (1,000)	Total	Under 18 yrs.	18-44 yrs.	45-64 yrs.	65-74 yrs.	75 yrs. and over	Male	Fe- male				
Heart conditions	16,434	75.4	19,295	82.6	21.2	40.1	129.0	276.6	349.1	76.5	86.				
High blood pressure	24,919			125.1	* 2.3	64.1	258.9	426.8	394.6	114.8	134				
(Hypertension)	. 24,919	114.3	29,249	125.1	- 2.3	04.1	256.9	420.0	394.0	114.6	134.				
extremities	5.930	27.2	7,141	30.6	*.3	26.4	55.1	68.1	87.9	14.2	45				
Hemorrhoids		39.5	10,359	44.3	* 1.4	54.7	71.0	86.7	53.9	40.2	48.				
Chronic bronchitis		36.1	11,618	49.7	55.5	40.5	54.3	67.0	55.9	38.3	80.				
Asthma	6,803	31.2	8,612	36.8	47.8	33.4	28.2	48.3	22.2	34.2	39.				
Chronic sinusitis	. 31,956	145.0	32,492	139.0	59.6	164.4	184.8	151.2	160.0	120.5	156.				
Hay fever, allergic rhinitis without asthma	17,433	80.0	19,642	84.0	50.3	111.2	90.2	50.8	55.0	77.0	90.				
Dermatitis, including eczema	. 9,138	41.9	9,105	39.0	44.5	44.2	28.4	27.3	19.8	31.6	45.				
Diseases of sebaceous glands 3.	5,046	23.2	6,238	26.7	29.4	37.5	12.1	2 6.1	* 2.2	23.5	29.				
Arthritis	27,773	127.4	30,060	126.6	* 2.2	52.1	268.5	459.3	494.7	89.7	164.				
Diabetes	. 5,665	26.0	6,134	26.2	<sup>2</sup> 1.9	9.1	51.9	108.9	95.5	24.0	26.				
Migraine	5,630	25.8	8,316	35.6	12.7	52.9	41.1	20.6	2 6.5	18.8	51.				
Diseases of urinary system	. 5,444	25.0	7,322	31.3	5.7	30.0	44.9	61.8	92.0	15.7	45.				
Visual impairments		36.6	8,496	38.4	10.8	32.8	43.7	76.4	128.8	47.6	25.				
Hearing impairments	17,370	79.7	21,196	90.7	19.2	49.8	159.0	261.9	346.9	107.4	75.				
Deformities or orthopedic impairments	18.504	84.9	26,314	112.6	33.2	125.3	180.6	167.9	175.5	108.7	116.				

<sup>&</sup>lt;sup>1</sup> Rate per 1,000 persons. <sup>2</sup> Figure does not meet standards of reliability or precision. <sup>2</sup> Acre and sebaceous skin cyst. Source: U.S. National Center for Health Statistics, unpublished data.

No. 173. Persons With Activity Limitation, by Selected Chronic Conditions: 1980 and 1985

[Covers civilian noninstitutional population. Conditions classified according to ninth revision of international Classification of Diseases. Based on National Health Interview Survey; see Appendix III. See headnote, table 186]

			AGE		SI	EX	RA	CE	FAMILY INCOME			
CONDITION	Total '	Under 45 years	45-64 years	65 years and over	Male	Fe- male	White	Black	Under \$20,000	\$20,000 to \$34,999	\$35,000 and over	
1980			9.7	100		1			-			
Persons with limitation (mil.)	31.4	10.2	10.4	10.8	15.5	15.9	27.1	3.9	1			
Percent limited by—	1000	100	1455	35.00		1,010		633				
Heart conditions	16.4	4.3	19.7	24.5	18.0	14.7	16.6	15.2				
Arthritis and rheumatism	17.5	5.4	20.0	26.5	11.0	23.7	17.4	18.3				
Hypertension 2	9.9	3.3	13.2	13.1	7.7	12.1	8.6	19.2				
Impairment of back/spine	9.2	13.9	9.9	4.0	9.1	9.2	9.4	7.7		1.75	3	
Impairment of lower	7.00	10.0	-	1		7.5	4.1	1.00	(NA)	(NA)	(NA	
extremities and hips	8.0	10.7	7.2	6.4	9.0	7.1	8.1	7.2			1	
Percent of all persons with-	133	63.5	1.00	(80)	3.0	(17)	100		1			
No activity limitation	85.6	93.2	76.1	54.8	85.3	85.9	85.6	84.9	11			
Activity limitation	14.4	6.8	23.9	45.2	14.7	14.1	14.4	15.1	1			
In major activity	10.9	4.2	18.8	39.0	11.2	10.6	10.8	12.2	1	0		
1985	10.0	1	1,0.0	00.0	1,500	10.0	10.0	1				
Persons with limitation (mil.)	32.7	11.6	10.4	10.7	15.3	17.4	28.0	4.1	16.6	7.1	4.7	
Percent limited by-		100		1000	100		1000	1.7	all the		1000	
Heart conditions	17.4	4.7	21.5	27.1	18.2	16.7	17.5	16.9	21.5	14.4	14.8	
Arthritis and rheumatism	18.9	5.4	22.8	29.7	12.4	24.6	18.9	20.3	25.0	14.3	13.5	
Hypertension 1	10.5	2.9	15.2	14.2	7.9	12.8	9.0	21.3	15.1	7.0	5.3	
Impairment of back/spine	9.2	12.5	10.4	4.4	8.9	9.4	9.4	7.0	9.1	11.0	10.6	
Impairment of lower		0.00		100	150	11.5	1000	100	100	1		
extremities and hips	8.9	10.7	8.2	7.8	9.4	8.5	9.0	B.1	10.1	8,5	9,6	
Percent of all persons with-			100	11.50		LOOK	100	7.0	1.7%	100	100	
No activity limitation	86.0	92.8	76.6	60.4	86.4	85.6	85.9	85.5	79.7	89.2	91.5	
Activity limitation	14.0	7.2	23.4	39.6	13.6	14.4	14.1	14.5	20.3	10.8	8.1	
In major activity	9.5	4.9	17.5	24.1	9.7	9.4	9.4	11.1	14.2	7.3	5.1	

NA. Not available. Includes persons with unknown family income and other races, not shown separately, cases of hypertension, regardless of other conditions. \* Covers all

Source: U.S. National Center for Health Statistics, Vital and Health Statistics, series 10, and unpublished data.

#### **Functional Limitations**

#### No. 174. FUNCTIONAL LIMITATIONS OF PERSONS 65 YEARS OLD AND OVER: 1984

In thousands, except percent. Covers persons 65 years old and over who were living in communities outside of nursing homes or other institutions (civilian noninstitutional population). Based on a supplement to the National Health interview Survey; see Appendix III. See also tables 41, 42, 175, and 598]

	Per-	l			AGE				LW	NG
FUNCTIONAL LIMITATION	eons 65	65-	74 years	old	75-1	84 years	old	65		With
	years and over	Total	Male	Fe male	Total	Male	Fé maile	and over	Alone	other
Total, 95 years and over	26,433	16,206	7,076	9,213	8,240	3,126	5,121	1,807	0,307	18,00
roent with difficulty 1 in-										
Walking	18.7	14.2	12.9	15.1	22.9	16.3	25.7	39.9	20.4	17
Getting outside	9.6	5.6	4.5	6.5	123	7.5	15.3	31.3	9.7	
Bething or showering	9.6	8.4	5.7	8.9	12.3	9.2	14.2	27.9	فرو	1 6
Franciering *	8.0	6.1	4.8	7.0	9.2	6.0	11.2	19.3	8.8	;
Pressing	6.2	4.3	4.4	4.2	7.6	7.3	7.7	16.6	5.0	1 6
	0.2									
Jeing tollet		2.8	2.4	2.7	5.4	3.6	6.5	14.1	3.4	
aling	1.6	1.2	1.5	.9	2.5	2.5	2.4	4.4	1.2	1
reparing meals	7.1	4.0	3.0	4.8	8.8	6.0	10.5	26.1	6.0	١ ،
hopping for personal Herns	11.3	8.4	4.6	7.8	15.0	9.8	18.4	37.0	11.9	1 1
lenging money		2.2	2.8	1.8	8.3	5.4		24.0		';
	9.1						6.8		4.0	
leing the telephone	4.8	2.7	3.5	2.0	6.0	7.9	4.8	17.5	2.6	!
loing heavy housework	23.8	18.6	11.2	24.3	26.7	15.9	36.4	47.8	26.0	2
Doing light housework	7.1	4.3	3.5	5.0	8.9	6.2	10.5	23.6	6.6	1 7
cent not performing activity—	ł	l .	H			II .			ļ	
reparing media	5.2	4.8	9.8	.5	5.5	12.0	1.6	8.9	1.1	1 7
hopping for personal items	2.0	1.1	1.9	.5	2.5			7.5		
ropping for personal maria	2.0					2.9	2.3		2.2	
leneging money	1.9	1.3	1.6	1.1	2.2	2.1	2.2	5.9		1 8
leing the telephone	8	.5	8.	.3	.9	1.4	.6	2.1	.8	ł
oing heavy housework	9.7	8.1	12.7	4.8	11.5	16.3	8.6	15.9	7.1	i 1
Doing light housework	3.5	2.8	6.1	.3	4.0	7.8	1.7	7.1	.7	1
rcent of total receiving help *		i	ll			l		l	i	
Walting	4.7	2.9	2.8	2.9	5.7	3.7	6.9	15.3	2.4	1 :
Setting outside	5.3	2.7	2.2	3.1	8.9	3.7	6.8	21.2	4.1	1
setting outside	9.3		2.2							
athing or showering	8.0	3.3	3.3	3.3	7.7	6.6	8.4	21.0	3.6	
renetering *	2.8	1.8	1.7	1.8	3.6	2.7	4.1	9.0	1.0	l
Pressing	4.3	2.9	3.3	2.7	5.1	5.7	4.7	13.3	1.7	1
laing tallet	2.2	1.2	1.4	1.1	2.9	2.3	3.2	9.2	.7	!
aling	1.1	.6	.9	.5	1.5	1.8	1.4	2.7	.3	l
reparing meals	8.0	3.3	2.8	3.7	7.1	5.4	8.2	23.7	3.6	
hopping for personal items	10.5	5.8	4.3	6.9	14.1	8.0	17.2	35.9	10.4	1
										' '
Aerieging money	4.8	2.1	2.6	1.7	5.8	5.0	8.3	23.5	3.6	
Jeing the telephone	3.0	1.5	2.0	1.1	3.9	5.0	3.2	11.7	.9	
JOING Negry Nousework	19.3	14.5	9.3	18.5	23.1	12.7	29.4	44.1	20.1	1
Doing light housework	6.2	3.6	3.2	4.0	7.6	5.7	8.7	21.6	4.5	
roent of those with difficulty 1 receiving										
Nationa	04.5			40.4	040			20.0		
	24.8	20.4	21.8	19.4	24.9	20.2	28.9	38.3	11.8	3
Settling outside	55.8	48.0	49.4	47.3	55.7	49.4	57.5	68.0	42.0	8
Bething or showering	80.9	51.9	58.4	47.9	62.6	71.8	59.1	75.1	36.5	77

Source: U.S. National Center for Health Statistics, *Aging in the Eighties: Functional Limitations of Individuals Age 65 Years and Over, June* 1987, and unpublished data from the Supplement on Aging to the 1984 National Health Interview Survey.

<sup>1</sup> Difficulty due to a health or physical problem.
2 deting in or out of a bed or chair.
2 Receiving help due to a health-related problem with the specified difficulty.

#### No. 175. IMPAIRED HEARING AND SIGHT AND PREVALENCE OF SELECTED CONDITIONS OF PERSONS 65 YEARS OLD AND OVER: 1984

(In thousands, except percent. Covers persons 65 years old and over who were living in communities outside of nursing homes or other institutions (civilian noninstitutional population). Based on a supplement to the National Health Interview Survey; see Appendix III. See also tables 41, 42, 174, and 596)

					AGE				LIVII	<b>4G</b> —
IMPAIRMENT OR CONDITION	96 years and	65-	74 years	old	75-	84 years	old	85		With
	over	Total	Male	Fe- male	Total	Male	Fe- male	years and over	Alone	oth- ers
Total, 65 years and over	26,433	18,036	7,076	9,213	8,249	3,126	5,121	1,887	8,307	18,030
Percent with— Hearing impairment Deafness in—	26.7	23.2	30.3	17.7	34.3	42.3	29.5	51.4	26.9	29.5
One ear	6.9 4.8	6.0 3.0	7.2 4.1	5.0 2.2	7.7 6.1	9.1 7.6	6.9 5.3	11.4 14.0	6.6 4.7	7.
Using hearing aid	8.2	5.7	7.0	4.7	10.7	13.6	8.9	19.0	7.6	8.3
Visual Impairment	12.9	9.6	10.1	9.3	15.9	17.0	15.3	27.8	13.4	12.0
One eye	3.1 1.2	22	2.8 .7	1.7	4.2 1.5	5.2 1.6	3.5 1.3	5.9 4.5	3.1 .9	3. 1.
Ceteracts Operation for ceteracts	18.4	12.4 6.7	9.3 6.8	14.8	26.4 15.2	21.1	29.6	35.2 20.7	22.8 12.5	16.
Using eyeglasees	95.1	95.4	94.3	98.2	95.4	93.3	96.7	91.4	94.8	95.
Arthritis or rheumstiem		51.0	43.9 18.1	56.5 11.9	55.2 18.9	43.9 19.0	<b>62.</b> 1	53.3 16.4	57.2 13.8	50.
Hypertension	15.4 44.1	14.6 42.8	36.3	46.3	46.4	34.7	53.5	44.4	46.7	16.1

Source: U.S. National Center for Health Statistics, unpublished data from the Supplement on Aging to the 1984 National Health Interview Survey.

## No. 176. CANCER—ESTIMATED NEW CASES, 1986, AND SURVIVAL RATES, 1974-1976 AND 1977-1983

[Five-year survival rates represent the number of persons who live at least five years after a disease is diagnosed per 100 persons diagnosed with the disease in a given time period. Survival data shown are based on those patients diagnosed while residents of an area listed below during the time periods shown. Data are based on information collected as part of the National Canoer Institute's Surveillance. Epidemiology and End Results (SEER) program, a collection of population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawali, Atlanta, Detroit, Seattle-Puget Sound, and San Francisco-Oaldand]

		MATED N		FIVE-	YEAR REL	ATIVE SUI	TVIVAL R	ATES (per	rcent)
\$ITE	CA	SES,1 <b>19</b> (1,000)	<b>5</b> 0	All r	1 aces	W	rite	Ble	nck
	Total	Male	Fe- male	1974- 1978	1977— 1982	1974- 1975	1977- 1983	1974- 1975	1977- 1963
All sites *	149 124 96 90	465 100 1 45 90 22	485 49 123 53 (X) 20	40 12 4 74 50 86 48	49 13 474 53 70 50	50 12 4 74 50 67 46	50 13 475 53 71 50	28 11 403 45 57	36 11 47 63
Bledder Corpus uteri Orel cavity and phenynx Non-Hodgith's lymphoma s Leukemia s	36	29 (X) 20 14 14	12 36 10 13	72 88 53 47 33	75 83 50 46 33	73 89 54 47 33	76 85 53 49 33	47 62 36 47 30	51 54 44 21
Pencress Stomach Melenoma of skin. Kidney. Ovary Cervix uteri.	25 23 20 19	13 15 12 13 (X) (X)	13 10 11 7 19	3 15 79 51 36 68	3 17 80 50 38 86	3 14 79 51 38 89	2 16 60 50 36 67	2 18 (NA) 48 41 63	10

NA Not available. X Not applicable. <sup>1</sup> Estimates provided by American Cancer Society are based on rates from the National Cancer Institute's SEER program 1977–1961. <sup>2</sup> includes other races, not shown separately. <sup>2</sup> sincludes other sites, not shown separately. <sup>4</sup> Female only. <sup>5</sup> All types combined.

Source: U.S. National Institutes of Health, National Cencer Institute, Annual Cancer Statistics Review.

NO. 177. PERSONS WITH KNOWN CASE OF DIABETES, BY SELECTED CHARACTERISTICS: 1984-85

[Covers civilien noninstitutional population. Annual average. Based on subsemples of households in the National Health Interview Survey; see Appendix III]

		NUR	MBER (1,0	00)		R	ATE PER	1,000 PO	PULATION	-
		Persor	16 20 yes	ns old an	d over		Persor	16 20 yea	rs old an	d over
SEX AND RACE	Total <sup>1</sup>	Total	20-44 years	45-64 years	65 years and over	Total <sup>1</sup>	Total	20-44 years	45-64 years	65 years and over
Total persons with known disbetes	5,000	6,953	962	2,321	2,750	26.1	30.6	9.6	62.3	102.8
Male Female	2,567 3,502	2,511 3,442	384 518	1,075 1,246	1,072 1,678	22.8 29.1	32.7 40.0	8.2 11.0	50.9 53.5	97.9 106.3
White Black and other Black	4,929 1,140 1,054	4,826 1,127 1,041	728 154 143	1,815 506 471	2,283 467 427	24.8 33.5 37.7	34.2 52.7 80.0	9.3 11.4 13.3	46.4 95.8 108.3	94.4 182.8 192.3

 $<sup>^{\</sup>scriptsize 1}$  includes persons under 20 years old, not shown separately.

Source: U.S. National Center for Health Statistics, unpublished data.

No. 178. PERSONAL HEALTH PRACTICES, BY SELECTED CHARACTERISTIC: 1985

(in percent. For persons 18 years of age and over. Based on National Health Interview Survey; see Appendix III)

CHARACTERISTIC	Sleeps 6 hours or loss	Never eats break- fast	Snecks every day	Lees phys- ically active then contem- poraries	Hed 5 or more drinks on any one dey 1	Current smoker	30 percent or more above desirable weight <sup>2</sup>
All persons *	22.0	24.3	39.0	16.4	37.5	30.1	13.0
18-29 years old	24.3 22.7 20.4 19.7	30.4 30.1 21.4 7.5 9.0 5.1	42.2 41.4 37.9 30.7 32.4 27.8	17.1 18.3 15.3 13.5 15.8 9.8	54.4 39.0 24.6 12.2 (NA)	31.9 34.5 31.6 16.0 19.7 10.0	7.5 13.6 18.1 13.2 14.9 10.3
Male Female	22.7 21.4	25.2 23.6	40.7 37.5	16.5 16.3	49.3 23.3	32.6 27.8	12.1 13.7
White	26.6 27.8	24.5 23.2 23.6 21.5	39.4 36.3 37.2 32.6	16.7 14.3 13.9 16.5	38.3 29.9 29.3 33.3	29.6 33.1 34.9 24.8	12.4 16.4 18.7 6.7
EDUCATION LEVEL Less than 12 years 12 years More than 12 years	21.9	22.6 26.5 23.3	37.8 39.6 39.2	12.3 16.5 19.1	35.9 38.9 36.8	35.4 33.4 23.1	17.5 13.4 9.4
FAMILY INCOME  Less than \$7,000 \$7,000 to \$14,999 \$15,000 to \$24,999 \$25,000 to \$39,999 \$40,000 or more	21.6 21.2 22.4	22.4 22.9 24.9 26.1 25.4	37.0 37.4 40.3 41.2 39.9	13.5 14.7 16.8 17.2 19.4	(NA) (NA) (NA) (NA)	31.1 33.4 32.2 30.0 25.2	16.1 15.3 13.4 12.1 9.4

NA Not available. 

1 Percent of drinkers who had 5 or more drinks on any one day in the past year.

2 Based on 1980
Metropolitan Life insurance Company standards. Data are self-reported.

3 Excludes persons whose health practices are unknown.

Source: U.S. National Center for Health Statistics, unpublished data.

#### No. 179. FREQUENCY OF ALCOHOL CONSUMPTION BY SEX, AGE, AND FAMILY INCOME: 1984

[in persons. Covers persons 18 years old and over living in households in the 46 contiguous States. Based on a sample survey of approximately 2,100 persons conducted in the last months of 1984. Data are subject to sampling variability. Survey responses are based on self-reported consumption of beer, wine, and distilled spirits]

			BEX		AGE			FAMIL	INCOME	
FREQUENCY OF ALCOHOL CONSUMPTION	Total	Male	Female	20-34 years	35-54 years	55 yr. and over	Lees then \$6,000	\$8,000- \$15,000	\$15,001- \$30,000	\$30,001 and over
Never or less often than once a year. At least once a year, less often	31	24	36	22	28	45	46	39	27	20
then once a week	34 14	27 17	39 12	37 17	35 14	26 10	29 13	32 14	38 13	32 17
Three or more times a week	14 22	32	13	23	23	18	13	16	21	32
year 1	43	58	30	56	42	21	43	43	42	47

<sup>&</sup>lt;sup>1</sup> Based on number of persons who drink alcohol.

Source: Medical Research Institute of San Francisco, Alcohol Research Group, Berkeley, CA, unpublished data.

#### No. 180, Drug Use, by Type of Drug and Age Group: 1974 and 1985

[Current users are these who used drugs at least once within month prior to this study. 1980 data preliminary. For 1980, based on national samples of 8,036 respondents. Subject to sampling variability; see source]

4.577.7.15	PERC		PERSONS RS OLD	12-17	PERC		PERSONS RS OLD	18-25			F PERSONS 26 D AND OVER			
TYPE OF DRUG	Ever	Ever used		Ever used Curren		Current user		used	Current user		Ever used		Current use	
	1974	1985	1974	1985	1974	1985	1974	1985	1974	1985	1974	1985		
MarihuanaInhalants	23.0 8.5	23.7 9.1	12.0	12,3 3.6	52.7 9.2	60.5 12.8	25.2 (Z) 2.5	21.9	9.9	27.2 5.0	2.0 (z)	6.2		
Hallucinogens	6.0 3.6 1.0	5.2	1.3 1.0 (z)	1.1 1.8 (z)	16.6 12.7 4.5	11.5 25.2 1.2	2.5 3.1 (Z)	1.6 7.7 (z)	1.3	6.2 9.5	(Z) (Z) (Z)	2.1 (Z		
Analgesics <sup>1</sup>	(NA) 5.0	5.9 5.5	(NA) 1.0	1.9	(NA) 17.0	11.4	(NA) 3.7	2.1 4.0	(NA) 3.0	5.6 7.9	(NA)	.0		
Sedatives 1	5.0 3.0 54.0	4.0 4.8 55.9	1.0	1.1	15.0 10.0 81.6	11.0 12.2 92.8	1.6	1.7	2.0 2.0 73.2	5.2 7.1 89.3	(z) (z) 54.5	1.0		
Cigarettes	52.0	45.3	34.0 25.0	31.5 15.6	68.8	76.0	69.3 48.8	71.5 37.2	65.4	80.5	39.1	32.8		

NA Not available. Z Less than .5 percent. <sup>1</sup> Nonmedical use.

Source: U.S. National Institute on Drug Abuse, Main Findings From the 1985 National Household Survey on Drug Abuse, forthcoming.

No. 181. CURRENT USERS OF ALCOHOL, MARIHUANA, AND/OR COCAINE: 1985
[In sercent, See headnote, table 180. For definition of regions see fig. I, inside front cover)

		84	EX	RA	CE/ETHNIC	aty .		REG	NON	
SUBSTANCE AND AGE GROUP	Total 1	Male	Female	White s	Black <sup>a</sup>	His- panic	North- east	North Central	South	West
Alcohol: Total	31.5 71.5	67.9 33.7 78.4 79.8 67.8	51.2 29.0 64.5 60.6 48.3	61.8 34.6 75.6 72.2 59.3	47.8 21.3 57.8 65.9 43.9	50.5 22.8 58.0 65.5 49.3	68.1 33.5 76.6 76.7 65.1	64.8 33.5 77.8 75.1 62.6	47.2 26.1 64.5 58.3 42.7	65.0 36.0 68.9 72.5 67.6
Marihuana: Total	12.3 21.9 16.8	12.3 13.2 26.5 22.4 3.3	8.8 11.2 17.0 11.4 1.3	9.1 13.2 22.2 16.9 1.8	13.2 8.2 24.1 22.8 5.8	7.4 9.9 14.8 10.1 1.9	10.2 13.3 19.6 18.0 3.8	9.5 11.6 23.1 17.0 1.4	8.0 8.8 21.5 15.2 1.3	10.9 17.1 22.8 17.7 2.8
Cocaine: Total 12-17 years old	1.8 7.7 6.1	3.9 2.0 9.0 6.6 .7	2.0 1.4 6.2 3.8 .3	3.0 1.8 8.0 6.8 .4	3.2 1.1 6.5 5.6 1.4	2.4 2.7 6.4 2.7	3.5 2.7 7.5 6.6 1.2	2.8 .8 8.2 4.7	1.4 .5 3.9 3.8 .1	12.7 11.4 11.4

<sup>&</sup>lt;sup>1</sup> Includes other races, not shown separately. 
<sup>3</sup> Non-Hispanic.

Source: U.S. National Institute on Drug Abuse, Main Findings From the 1985 National Household Survey on Drug Abuse, forthcoming.

#### No. 182. CIGARETTE SMOKING BY SEX AND AGE: 1970 TO 1985

[1979 and 1988, civilian noninelitational population, 17 years old and over; 1983, 18 years old and over; 1989, 28 years old and over. Besed on National Health Interview Survey; see Appendix III. Smoking data were obtained from self-respondents only]

			Per-				PRESENT	SMOKERS	
YEAR, SEX AND AGE	Unit	Total popula-	sons who	Persons who ever smoked <sup>2</sup>	Former smok-	Total 5		es smoked eviest amo	
		tion -	smoked	smoked -	ers	Total *	Under 15	15-24	25 or more
1970: Both sexes	1.000	133,132	59,675	72,678	23.859	48,819	15,517	20,628	10,963
Percent of total	Percent	100.0	44.8	54.6	17.9	36.7	11.7	15.5	8.2
Male		62,310	19,144	42,773	15,861	26,912	7,163	11,458	7,119
Percent of total	Percent	100.0	30.7	68.6	25.5	43.2	11.5	18.4	11.4
Female		70.822	40,531	29,905	7.998	21,907	8.354	9,170	3.844
Percent of total	Percent	100.0	57.2	42.2	11.3	30.9	11.8	12.9	5.4
1980: Both sexes *	1,000	160,798	74,086	85,572	33,130	52,442	15,200	21,806	14.745
Percent of total		100.0	46.1	53.2	20.6	32.6	9.5	13.6	9.2
Male			26,906	48,423	20,672	27,751	6.589	11,543	9,145
Female		84.828	47,180	37,149	12,458	24,690	8,611	10,262	5,600
1963: Both sexes		166,714	76,794	89.684	36,210	53,473	15,361	23,400	13,650
Percent of total	Percent	100.0	46.1	53.8	21.7	32.1	9.2	14.0	8.2
Male		78,727	28,770	49,799	22.232	27.567	6.508	11.807	8,735
Female		87.987	48,024	39.885	13,978	25,907	8,853	11,593	4,915
1985; Both sexes		163,693	71,590	88,710	39,918	48,792	14,982	20,267	13,121
Percent of total		100.0	43.7	54.2	24.4	29.8	9.2	12.4	8.0
Male		77,187	26,293	49,107	24,086	25,021	6,421	10,193	8,179
Percent of total		100.0	34.1	63.6	31.2	32.4	8.3	13.2	10.6
20-24 years	1.000		5,463	4.005	1,068	2,937	1.023	1,405	501
25-44 years	1,000	35,100	12,687	21,636	8,610	13,026	3,256	5,237	4,454
45-64 years	1,000	21,215	5,104	15,637	8,707	6,931	1,461	2,719	2,708
65 years and over			3,038	7,828	5,702	2,127	682	833	516
Female		86,505	45,297	39.602	15,831	23,771	8,561	10.074	4,942
Percent of total	Percent	100.0	52.4	45.8	18.3	27.5	9.9	11.6	5.7
20-24 years	1.000	10 000	5,720	4,387	1,100	3.287	1,548	1,345	388
25-44 years	1,000		18,235	18.062	6,523	11,539	3,905	4.825	2.739
45-64 years		23,297	11,153	11,746	4,903	6,842	2,239	2,997	1,540
65 years and over		15,939	10,190	5,408	3,305	2,103	868	907	275

Includes persons for whom smoking status is unknown.
 Includes amokers with unknown present smoking status.
 Includes amokers for whom the number of cigarettes smoked per day is unknown.
 \*Estimates are based on data collected for 2 quarters, July-December, 1980.

Source: U.S. National Center for Health Statistics, Vital and Health Statistics, vol. 21, No. 3 supplement, June 1972; and unpublished data.

No. 163. CUMULATIVE PERCENT DISTRIBUTION OF POPULATION BY HEIGHT AND SEX: 1976-1960

[For persons 18 to 74 years old. Height was measured without shoes. Based on sample and subject to sampling variability; see source]

			M	LES					FEN	WLE8		
HEIGHT	18-24 years	25-34 years	35-44 years	45-54 years	56-64 years	65-74 years	18-24 years	25-34 years	35-44 years	45-54 years	56-64 years	65-74 years
Percent under-												
4'8"	_			_	۱ _	_	.05	1 _	.10	.26	.46	1.04
4'9"	_	1 -	1 -	1 -	1 -		.43	.23	.34	.36	1.07	2.27
4'10"	_	1 -	1 -			_	.94	.84	.95	1.22	3.02	4.23
4'11"	_	1 -		1 -	l		2.22	1.85	1.94	4.20	6.43	9.33
5'	.18	.05	27	-	.27	.24	4.22	3.65	4.56	8.68	11.40	17.20
9	.10	.05	.21	-	.21	-24	4.22	3.00	4.50	0.00	11.40	17.20
5'1"	.16			٠		4 00			7.75		19.70	29.00
91		.31	.34	.19	.72	1.22	9.13	8.60		16.16		44.34
52"	.34	.42	.87	.70	.92	2.86	17.75	19.11	18.24	27.68	31.71	
5'3"	.81	.54	2.07	1.50	2.76	5.97	29.08	32.96	33.11	39.83	45.87	59.15
5'4"	2.37	1.55	3.68	2.55	5.28	10.53	41.81	47.43	49.90	57.21	63.89	78.44
5'5"	3.85	4.36	6.36	5.72	9.29	18.31	58.09	81.36	63.86	70.47	77.44	66.97
5 <b>'6"</b>	8.24	9.51	12.39	11.39	17.54	29.42	74.76	74.92	78.07	64.64	66.91	94.63
5'7"	16.18	15.25	17.63	21.24	29.10	41.63	85.37	85.65	87.95	91.21	94.56	97.86
5*6**	26.66	26.69	26.40	33.56	43.53	57.75	92.30	93.26	93.43	96.28	97.70	69.20
56	36.89	39.68	42.52	50.39	58.21	89.96	96.23	97.19	97.18	96.17	99.36	99.81
5'10"	53.86	55.36	57.01	63.36	71.51	81.95	98.34	98.49	99.19	99.58	99.78	99.92
5'11"	68.25	69.67	70.70	76.94	83.09	89.59	99.36	99.68	99.39	99.84	99.81	100.00
<b>6</b>	80.14	81.56	81.15	65.83	90.99	94.52	00.00	-	-	-	-	100.00
<b>—</b>		050	013	J	-0.00	J-4.52		I -	_	_	I -	
<b>6.1</b>	66,54	89.95	90.04	93.43	96.26	97.82	_	l _ '	_	١ ـ	1 -	_
62"	92.74	95.57	95.05	96.01	97.86	99.17		-		_	1 []	
63	96.17	97.98							-	•	-	
~			97.82	99.35	98.90	99.86		-	-	-	ı -	_
64"	98.40	99.23	99.19	99.70	99.79	100.00	-	I -	-	-	-	-

<sup>-</sup> Represents or rounds to zero.

Source: U.S. National Center for Health Statistics, Vital and Health Statistics, series 11, No. 238.

#### No. 184. PER CAPITA CONSUMPTION OF MAJOR FOOD COMMODITIES: 1960 TO 1986

[In pounds, except as Indicated. Consumption represents the residual after exports, nonfood use, and ending stocks are subtracted from the sum of beginning stocks, domestic production, and imports. Based on Bureau of the Census population astimates. For similar but unreviewed data, see \*\*Historical Stateletics, Colonial Times to 1970; series G 881-915]

COMMODITY	1980	1970	1975	1960	1962	1963	1984	1963	1980 prei
led meat, total (retail weight)	144.0	162.8	153.9	157.2	148.0	153.0	152.9	153.2	150
Beef		84.0	87.9	76.5	77.2	78.6	78.5	79.1	79
Veel		2.4	3.4	1.5	1.7	1.6	1.8	1.8	1.
Lamb and mutton		2.9	1.8	1.4	1.5	1.5	1.5	1.4	i
Pork (excluding lard)		62.3	50.7	68.3	59.0	62.2	81.8	62.1	58
			10.2	9.5	8.6	9.1			
Offels, edible	10.0	11.2	10.2	9.5	0.0	9.1	9.3	8.8	8.
ish (edible weight)		11.8	12.2	12.8	12.3	13.1	13.7	14.4	14.
Fresh and frozen		6.9	7.5	8.0	7.7	8.0	8.5	9.0	9.
Fish		4.5	4.9	5.5	5.1	5.2	5.5	5.2	5.
Shellfish	1.9	2.4	2.8	2.5	2.6	2.8	3.0	3.8	3.
Canned	4.0	4.5	4.3	4.5	4.3	4.8	4.9	5.2	5.
Tuna		2.5	2.9	2.9	2.7	3.1	3.2	3.3	3
Cured		.4	.4	.3	.3	.3	.3	.3	
andra anadanta	1								
oultry products:	1			l					
Chicken (ready-to-cook)	27.8	40.0	40.1	50.1	53.1	53.8	55.6	58.0	59
Turkey (ready-to-cook)		8.0	8.5	10.5	10.7	11.3	11.4	12.1	13
Eggs (number)	334	309	276	272	265	261	261	252	2
airy products, total (milk equivalent)	. 853.4	580.7	539.9	543.9	555.4	573.0	581.6	594.1	594
Plain whole milk 1	256.6	214.1	179.4	145.1	133.6	130.5	126.6	122.5	117
Low-fat milk 1 2	21.1	51.3	77.7	96.3	99.8	103.0	107.5	113.2	118
Creem 1 2	8.3	5.3	5.5	5.7	6.0	6.4	6.9	7.3	''7
Condensed and a recented whole will	.0.3								3
Condensed and evaporated whole milk		7.1	5.3	3.8	4.0	3.9	3.8	3.7	
Cheese		11.5	14.3	17.6	20.0	20.7	21.6	22.6	23
American		7.1	8.2	9.7	11.4	11.7	11.9	12.2	12
Other		4.4	6.1	7.9	8.6	9.0	9.7	10.4	11
Ice cream (product weight)	18.3	17.6	18.5	17.6	17.5	17.9	18.0	18.0	18
ats and oils, total (fat content)	45.1	52.6	52.4	57.2	58.4	59.9	58.7	64.0	64
Butter (actual weight)		5.4	4.7	4.5	4.3	4.9	4.9	4.9	4
Margarine (actual weight)	9.3	10.8	11.1	11.4	11.2	10.4	10.4	10.8	11
Lad	7.5	4.6	2.8	2.6	2.5	2.1	2.1	1.8	i 'i
Shortening		17.3	17.0	18.2	18.6	18.5	21.3	22.9	22
Salad and cooking oils	(NA)	15.4	17.9	21.2	21.6	23.5	19.8	23.5	24
	1 ' '	ŀ						1	l
rains: Wheat flour <sup>4</sup>	118.2	110.8	114.5	116.9	119.4	115.9	117.6	122.5	129
Rye flour		1.2	1.0	.7	.6	.7	8.	.8	
Rice, milled *	4 44			9.4				9.1	(2)
Con march and alter a	6.1	6.7	7.6		11.8	9.8	8.5		
Corn meal and other *	. (NA)	11.1	10.8	11.5	11.4	11.4	11.4	11.6	6
Oet products	3.6	3.2	3.2	3.1	3.1	3.1	3.1	3.1	ò
Pasta products	. (NA)	7.7	9.7	10.1	9.9	10.5	10.3	12.3	0
Breakfast cereals	. (NA)	11.2	12.2	12.8	12.9	13.0	13.3	13.7	8
Ready to eat	(NA)	8.7	9.3	10.0	10.1	10.2	10.4	10.8	10
Ready to cook	(NA)	2.4	2.8	2.9	2.9	2.8	2.9	3.1	(*
westeners, total 7	116.2	132.7	131.3	145.7	148.7	155.1	162.6	189.4	16
Sugar, refined cane and beet	97.6	101.7	89.2	83.7	73.8	71.0	67.6	63.3	ă
Corn sweeteners		23.4	34.2	52.7	63.8	89.4	77.3	86.3	87
High fructose		1.0	7.0	27.0	37.6	43.2	51.1	80.1	6
Non-caloric sweeteners (sugar sweetness		1.0	7.0	27.0	37.0	43.2	31.1	80.1	١ "
equivalent) 6	. • 2.2	5.8	6.1	7.7	9.4	13.0	15.8	18.0	11
Seccharin		5.8	6.1	7.7	8.4	9.5	10.0	6.0	'}
Aspartame		3.5	0.1	l '' <u>'</u>	1.0	3.5	5.8	12.0	1
ther:	1	l		l			1	l	
Confectionery	17.0	19.9	17.7	16.1	18.8	17.8	18.6	18.9	11
Cocoa beans		3.9	3.2	3.4	3.8	3.9	4.4	4.3	"
Coffee (green beans)		13.7	12.2	10.3	10.2	10.2	10.1	10.1	1
Peanuts (shelled)					6.0	6.0	6.1	6.4	
		5.6	6.1	4.9					
Tree nuts (shelled basis) ood consumption 10 (1967 = 100)		1.8	1.9	1.8	2.1	2.2	2.2	2.3	1
	97	102	102	103	104	106	107	109	1

<sup>-</sup> Represents zero. NA Not evailable. ¹ Per capita U.S. sales. Data based primarily on information from Government-regulated State and Federal fluid milk markets. Excludes milk produced and consumed on farms and distribution from USDA supplies. Based on estimated population using fluid products from purchased sources. □ licitudes skim milk, buttermilk, flavored milk drinks, and yogur. ¹ Comprises cream, milk-cream mixtures, sour cream and dips, and eggnog. Includes milk and cream mixtures, sour cream and dips, and eggnog. Includes milk and cream mixtures, sour cream and dips, and eggnog. Includes milk and cream mixtures, sour cream and dips, and eggnog. Includes milk and cream mixtures, sour cream and dips, and eggnog. Includes milk and cream. ⁴ Includes milk and cream mixtures, sour cream and dips, and eggnog. Includes milk and cream mixtures, sour cream and dips, and eggnog. Includes milk and cream mixtures, sour cream and dips, and eggnog. Includes milk and cream mixtures, sour cream and dips, and eggnog. Includes milk and cream mixtures, sour cream and dips, and eggnog. Includes milk and cream mixtures, sour cream and dips, and eggnog. Includes milk and cream mixtures, sour cream and dips, and eggnog. Includes milk and cream mixtures, sour cream and dips, and eggnog. Includes milk and cream mixtures, sour cream and dips, and eggnog. Includes milk and cream mixtures, sour cream and dips, and eggnog. Includes milk and cream mixtures, sour cream and dips, and eggnog. Includes milk and cream mixtures, sour cream and dips, and eggnog. Includes milk and cream mixtures, sour cream and dips, and eggnog. Includes milk and cream mixtures, sour cream and dips, and eggnog. Includes milk and cream mixtures, sour cream and dips, and eggnog. Includes cities milk and cream mixtures, sour cream and dips, and eggnog. Includes cities milk and cream mixtures.

prices.

Source: U.S. Dept. of Agriculture, Economic Research Service, Food Consumption, Prices, and Expenditures, annual; and unpublished data.

NO. 185. FRUIT AND VEGETABLE CONSUMPTION PER CAPITA: 1965 TO 1986
[In pounds. See headnote, table 184]

COMMODITY	1965	1970	1975	1980	1981	1982	1983	1984	1985	1986, prel.
FRUITS				-			7		-	
Fresh fruits, total (retail weight)	75.6	77.5	82.0	86.7	83.9	83.9	88.2	87.5	86.5	91.7
Noncitrus 1		49.6	53.5	58.6	59.7	60.0	59.9	64.5	63.9	66.6
Bananas	17.9	17.4	17.7	20.8	21.5	22.6	21.2	22.1	23.4	25.7
Apples	215.7	16.3	18.3	18.3	16.1	17.2	17.7	17.7	16.7	16.8
Grapes		2.5	2.9	3.3	3.4	4.9	4.9	5.9	6.6	6.6
Citrus 1 3	25.3	27.9	28.4	28.0	24.2	23.9	28.3	23.0	22.6	25.1
Oranges	13.9	15.7	15.4	15.3	13.1	12.3	15.6	12.4	12.0	14.1
Grapefruit	7.3	7.9	8.1	7.8	6.7	7.3	7.8	6.1	5.6	6.3
Canned 4	14.6	14.4	11.9	10.6	9.9	9.6	9.2	8.9	8.4	8.8
Oried <sup>5</sup>		2.5	2.7	2.2	2.5	2.7	2.8	2.8	2.9	2.8
Citrus fruit juices 3	21.9	31,8	45.8	44.7	42.2	44.3	48.7	42.0	49.5	49.0
Frozen (single-strength equivalent)	16.1	22.0	35.0	33.6	33.2	36.9	41.6	35.6	44.0	43.2
Orange	14.7	20.7	32.8	31.8	30.1	33.2	38.7	33.4	39.8	40.2
Canned	3.8	5.2	5.2	5.1	4.9	3.9	3.0	2.8	2.3	2.1
Chilled (single-strength equivalent)	2.0	4.6	5.6	5.8	4.1	3.5	4.1	3.6	3.2	3.7
VEGETABLES 6	44	100	0.1		A.	[3]	LI-T	107	100	
Fresh (retail weight) 7 8	63.0	63.6	66.2	72.6	71.4	74.0	74.3	78.5	78.5	79.4
Lettuce *		20.8	21.9	24.9	23.9	23.9	23.8	24.2	23.2	21.6
Onions 10	(NA)	13.8	12.5	12.9	12.8	14.3	14.3	15.1	15.7	16.8
Tomatoes	10.9	10.3	10.1	11.4	11.2	11.4	11.6	13.0	13.6	14.6
Canned * 11	(NA)	34.2	34.6	35.3	32.0	32.6	(NA)	(NA)	(NA)	(NA)
Tomato products 12	(NA)	15.4	17.9	17.5	16.4	16.9	(NA)	(NA)	(NA)	(NA
Other 13		18.8	16.7	17.8	15.6	15.7	(NA)	(NA)	(NA)	(NA
rozen *		9.6	9.6	10.4	11.5	10.9	(NA)	(NA)	(NA)	(NA)
by edible beans and peas		6.3	6.0	6.2	7.2	6.9	4.8	6.5	(NA)	(NA)
weet potatoes (retail weight) 14	5.2	5.8	4.7	5.5	4.8	4.7	5.2	5.6	4.9	4.7
otatoes, total (fresh equivalent, farm weight)		121.4	125.3	112.9	110.6	118.4	118.0	116.5	123.6	127.7
otatoes, total (retail weight) 1		79.6	79.8	71.7	67.9	74.3	74.3	71.2	75.9	79.9
Fresh		60.0	54.2	46.6	42.0	47.2	47.5	43.1	45.8	49.8
Frozen		12.1	18.0	18.2	18.9	20.0	19.5	20.9	22.7	22.7
Chips and shoestrings		4.3	3.8	4.1	4.1	4.2	4.4	4.4	4.3	4.4

NA Not available. 

1 Includes other types of commodities, not shown separately.

2 For crop year beginning in previous year.

2 For crop year beginning in previous year.

3 For pack year.

3 Excludes production from home gardens.

4 Excludes broccol, carrots, cauflower, celery, and com, not hown separately.

4 Excludes potatioes.

5 Beginning 1970, includes treat equivalent or of dehydrated onlons.

11 Excludes soups, baby foods, and canned dry beans products.

12 Comprises whole tomatoes, upp, pures, sauce, cassup, chill sauce, formate and other vegetable juices.

13 Covers asparagus, lima and snap beans, beets, servels, com, and pees.

14 Includes quantities canned and frozen.

Source: U.S. Dept. of Agriculture, Economic Research Service, Food Consumption, Prices, and Expanditures, annual; and impublished data.

No. 186. PER CAPITA CONSUMPTION OF BEVERAGES, BY TYPE: 1970 TO 1985
[See headnote, table 184]

COMMODITY			AMO	UNT (ga	llons)			PERCEN	T DISTRI	BUTION
COMMODITY	1970	1975	1980	1982	1983	1984	1985	1970	1975	1980
Total	122.4 99.9 31.4	128.2 102.3 30.1	135.7 106.4 28.0	136.1 106.6 27.1	137.1 107.8 27.0	139.8 110.7 27.0	140.3 112.7 27.1	100.0 81.6 25.7	100.0 79.8 23.5	100.0 78.4 20.6
Whole Other Tea	24.8 6.7 6.7	20.6 9.5 7.5	16.7 11.4 7.3	15.5 11.6 6.9	15.1 11.9 6.9	14.5 12.5 6.8	14.0 13.1 7.0	20.3 5.5 5.5	16.1 7.4 5.9	12.3 B.4 5.4
Coffee Soft drinks	33.4	31.3 27.3 6.1	27.0 37.8 6.3	26.6 39.5 6.5	25.6 41.1 7.2	26.3 44.2 6.4	26.3 45.6 7.3	27.3 19.4 3.8	24.4 21.3 4.8	19.6 27.5
Citrus Noncitrus	3.7	5.3	5.2	5.1	5.6	1.6	5.7	3.0	4.1	3.6
Alcoholic Beer Wine Distilled spirits	19.2 1.3 1.8	25.9 22.2 1.7 2.0	29.3 25.2 2.1 2.0	29.5 25.4 2.2 1.9	29.3 25.2 2.2 1.8	29.1 24.9 2.3 1.8	27.6 23.4 2.5	18.3 15.7 1.1	20.2 17.3 1.3 1.6	18.1

Source: U.S. Dept. of Agriculture, Economic Research Service, Food Consumption, Prices, and Expenditures, annual; and unpublished data.

# No. 187. Nutrition—Nutrients in Foods Available for Civilian Consumption per Capita per Day and Indexes: 1960 to 1965

[Computed by Human Nutrition Information Service (HNIS), USDA. Based on estimates of per capita food consumption (retail weight) by the Economic Research Service (ERS), on Imputed consumption data for foods no longer reported by ERS, and on HNIS estimates of quantities of produce from home gereiens. No deduction is made in food supply estimates for loss of food or nutrients in further processing, in marketing, or in the home. Data include iron, thiemin, riboflavin, niscin, vitamin A., vitamin B., vitamin B., and secondic acid added by enrichment and fortification. Minus sign (—) indicates decrease. See Historical Statistics, Colonial Times to 1970, series G 851-855 for related details)

	12000				15.7	130				PER	CENT CHA	NGE
NUTRIENT	Unit	1960	1970	1975	1980	1982	1983	1984	1985	1960- 1970	1970- 1980	1980- 1985
Food energy	Calories	3.200	3,300	3,200	3,400	3,400	3,400	3,400	3,600	3.1	3.0	5.9
Protein		94	98	96	98	99	100	101	102	4.3		4.1
Fat	Grams	147	159	151	162	161	165	164	172	8.2	1.9	6.2
Carbohydrate	Grams		378	380	391	397	397	401	413	.8	3.4	5.6
Calcium	Grams	.93	.88	.87	.88	.89	.91	.92	.92	-5.4		4.5
Phosphorus	Grams	1.47	1.47	1.45	1.45	1.47	1.49	1.51	1.52	-	-1.4	4.8
Iron		15.6	16.4	16.4	16.2	16.5	17.9	18.0	18.3	5.1	-1.2	13.0
Magnesium	Milligrams		310	310	300	310	320	320	320	-3.1	-3.2	6.7
Zinc	Milligrams	11.4	12.1	12.0	11.8	12.0	12.1	12.2	12.3	6.1	-2.5	4.2
Vitamin A	Int'i. units	7,400	9,100	9,300	9,300	9,300	9,500	9,800	9,900	23.0	2.2	6.5
Vitamin E	Milligrams a-		-7-3	15.5	100	5/5/3	1.54	The second	100	100		3.5.4
	TE 1	13.2	15.1	15.7	16.0	16.6	16.9	16.4	17.6	14.4	6.0	10.0
Thiamin	Milligrams	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2		5.0	4.8
Riboflavin	Milligrams		2.3	2.3	2.3	2.3	2.3	2.4	2.4			4.4
Niacin	Milligrams	21	23	24	25	25	25	26	26	9.5	8.7	4.0
Vitamin B.	Milligrams		2.0	2.0	2.0	2.0	2.0	2.0	2.1	5.3	-	5.0
Vitamin B <sub>12</sub>	Micrograms	8.7	9.4	8.9	8.7	8.5	8.6	8.9	8.8	8.0	-7.4	1.1
Ascorbic acid		99	102	110	109	109	114	110	114	3.0	6.9	4.6
Cholesterol	Milligrams	540	520	480	480	470	480	480	480	-3.7	-7.7	1 7
INDEXES (1967 = 100)							1.5				1	
Food energy	Percent	100	103	100	106	106	106	106	112	3.0	2.9	5.7
Protein			102	100	102	103	104	105	106	4.1	- C-	3.9
Fat			103	98	105	105	107	106	112	8.4	1.9	6.7
Carbohydrate		100	101	101	104	106	106	107	110	1.0	3.0	5.8

Represents zero. 
<sup>1</sup> Alpha-Tocopherol equivalents.

Source: U.S. Dept. of Agriculture, Human Nutrition Information Service. Data published by Economic Research Service in Food Consumption, Prices, and Expenditures, annual; and National Food Review, quarterly.

## No. 188. Daily PER CAPITA INTAKE OF ENERGY AND SELECTED NUTRIENTS, BY SEX AND AGE: 1976-1980

[Represents median daily intake per person. Data are based on 24-hour recall of a respondent to a sample survey in the second National Health and Nutrition Examination Survey. Subject to sampling variability; see source. For definition of median, see Guide to Tabular Presentation]

SEX AND NUTRIENT	Unit	1-5 years	6-11 years	12-17 years	16-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years
Energy Protein Fat Calcium Iron Vitarnin A	GE Mg	51 55 758 8 3,067	1,992 72 78 1,034 12 3,995 79	2,467 91 98 1,063 15 4,051 71	2,731 104 108 1,001 16 3,964 76	2,577 98 103 805 16 3,558 66	2,299 87 93 716 15 3,528 66	2,224 87 91 733 15 3,789 76	1,966 78 79 665 13 3,710	1,723 67 68 597 12 3,980 79
WOMEN Energy Protein Fet Calcium Iron Viternin A. Viternin G.	Grm Grm Mg	48 53 722 8 2,837	1,762 62 70 875 10 3,466 67	1,677 60 66 692 10 2,708 48	1,593 59 62 565 10 2,693 59	1,547 59 63 535 10 2,782 55	1,510 57 60 508 10 2,676 53	1,377 52 54 474 10 3,161 69	1,308 51 52 475 9 3,341 88	1,221 48 48 475 8 3,346 80

Source: U.S. National Center for Health Statistics, Vital and Health Statistics, series 11, No. 231; and unpublished data.



### Section 4

### **Education**

This section presents data primarily concerning formal education as a whole, at various levels, and for public and private schools. Data shown relate to the school-age population and school enrollment, educational attainment, education personnel, and financial aspects of education. In addition, data are shown for libraries, computer usage in schools, and adult education. The chief sources are the decennial census of population and the Current Population Survey (CPS), both conducted by the Bureau of the Census (see text, section 1); annual, biennial, and other periodic surveys conducted by the Center for Education Statistics (formerly known as the National Center for Education Statistics), a part of the U.S. Department of Education; and surveys conducted by the National Education Association.

The censuses of population have included data on school enrollment since 1840 and on educational attainment since 1940. The CPS has reported on school enrollment annually since 1945 and on educational attainment periodically since 1947.

The Center for Education Statistics is continuing the pattern of statistical studies and surveys conducted by the U.S. Office of Education since 1870. The annual Digest of Education Statistics provides summary data on pupils, staff, finances, including government expenditures, and organization at the elementary, secondary, and higher education levels. It is also a primary source for dealled information on Federal funds for education, projections of enrollment, graduates, and teachirs. The Condition of Education, issued annually, presents a summary of information on education of particular interest to policymakers.

Other sources of data include special studies by the Center for Education Statistics, and annual in blennial reports of education agencies in individual States. The census of governments, conducted by the Bureau of the Census every 5 years (for the years ending in "2" and "7"), provides data in school district finances and State and local government expenditures for education. Reports sublished by the Bureau of Labor Statistics contain data relating employment experience to educational attainment.

Types and sources of data.—The statistics in this section are of two general types. One type, assemplified by data from the Bureau of the Census, is based on direct interviews with individuals to abtain information about their own and their family members' education. Data of this type relate to inchool enrollment and level of education attained, classified by age, sex, and other characteristics of the population. The school enrollment statistics reflect attendance or enrollment in any regular school within a given period; educational attainment statistics reflect the highest grade completed by an individual.

For enrollment data starting in October 1981, the CPS used 1980 census population controls; for sears 1971 through 1980, 1970 census population controls had been used. This change had little mpact on summary measures (e.g., medians) and proportional measures (e.g., enrollment rates); sowever, use of the controls may have significant impact on absolute numbers. Where appropriate or comparability purposes, 1981 data have been provided in two ways—once based on 1970 conrols, and once based on 1980 controls; see, for example, table 194.

The second type, generally exemplified by data from the Center for Education Statistics and the **tational** Education Association, is based on reports from administrators of educational institutions and of State and local agencies having jurisdiction over education. Data of this type relate to enrollment, attendance, staff, and finances for the Nation, individual States, and local areas.

Unlike the Center for Education Statistics, the Census Bureau does not regularly include specialzed vocational, trade, business, or correspondence schools in its surveys. The Center for Educaion Statistics includes nursery schools and kindergartens that are part of regular grade schools in heir enrollment figures. The Census Bureau includes all nursery schools and kindergartens. At the tigher education level, the statistics of both agencies are concerned with institutions granting degrees or offering work acceptable for degree-credit, such as junior colleges.

**School attendance.**—All States require that children attend school. While State laws vary as to the ages and circumstances of compulsory attendance, generally they require that formal schooling begin by age 6 and continue to age 16.

118 Education

Schools.—The Center for Education Statistics defines a school as "a division of the school system consisting of students composing one or more grade groups or other identifiable groups, organized as one unit with one or more teachers to give instruction of a defined type, and housed in a school plant of one or more buildings. More than one school may be housed in one school plant, as is the case when the elementary and secondary programs are housed in the same school plant."

Regular schools are those which advance a person toward a diploma or degree. They include public and private nursery schools, kindergartens, graded schools, colleges, universities, and professional schools. Public schools are schools controlled and supported by local, State, or Federal governmental agencies; private schools are those controlled and supported mainly by religious organizations or by private persons or organizations.

The Bureau of the Census defines elementary schools as including grades 1 through 8; high schools as including grades 9 through 12; and colleges as including junior or community colleges, regular 4-year colleges, and universities and graduate or professional schools. Statistics reported by the Center for Education Statistics and the National Education Association by type of organization, such as elementary level and secondary level, may not be strictly comparable with those from the Bureau of the Census because the grades included at the two levels vary, depending on the level assigned to the middle or junior high school by the local school systems.

School year.—Except as otherwise indicated in the tables, data refer to the school year which, for elementary and secondary schools, generally begins in September of the preceding year and ends in June of the year stated. For the most part, statistics concerning school finances are for a 12-month penod, usually July 1 to June 30. Enrollment data generally refer to a specific point in time, such as fall, as indicated in the tables.

Statistical reliability.—For a discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability applicable to Census Bureau and the Center for Education Statistics data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to Historical Statistics of the United States, Colonial Times to 1970. See Appendix IV.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986*. For cross-references, see Appendix V.

NO. 189. SCHOOL ENROLLMENT, 1955 TO 1986, WITH PROJECTIONS TO 1990, AND NUMBER OF SCHOOLS, 1955 TO 1984

[In thousands. Enrollment as of fall; number of schools for school year ending the following year. See Historical Statistics, Colonial Times to 1970, series H421-429]

and the last	TO	TAL	ELEME	I YRATM	SECO	NDARY	COL	LEGE
ITEM AND YEAR	Public	Private	Public	Private	Public	Private	Public	Private
Enrollment: 2	7. 4.	10-11	15.00	and the same		6.55	1000	
1955	32,164	5.777	22,159	3.800	8,521	800	11.484	9 1,177
1961	39,793	7.532	24,603	4,900	12,861	1,100	12,329	a 1.532
1965		8.251	26,670	4.900	15,504	1,400	3,970	1.95
1970		7.516	27,501	4.052	18,408	1,311	6,428	2,153
1971		7,344	27,688	3,900	18,398	1,300	6,804	2.144
1972	52.815	7.144	27,323	3,700	18,421	1,300	7,071	2.144
1973		7,183	26,435	3,700	18,995	1,300	7,420	2,183
1974		7,235	26,382	3,700	18,671	1,300	7.989	2.235
1975		7,350	25,640	3,700	19,151	1,300	8,835	2.350
1976		7,526	25,430	3,825	18,887	1,342	8,653	2.35
1977		7,577	24,954	3,797	18,623	1,343	8,847	2.437
1978	51,335	7,560	25,017	3,732	17,534	1,353	8,784	2.475
1979		7,533	24,543	3,700	17,102	1,300	9,037	2.530
1980		7,971	24.156	3,992	16,831	1,339	9,457	2,640
1981		8.224	23,819	4,100	16,280	1,400	9,647	2,72
1982		8.330	23.875	4,200	15,777	1,400	9,696	2,730
1983		8,497	24,010	4,315	15,342	1,400	9,683	
1004	48,770	8,465	24,147	4,315	15,146	1,400		2,782
1984	48,992	8,368	24,285				9,477	2,765
				4,300	15,228	1,300	9,479	2,768
1986 *	50,459	8,397	24,627	4,300	15,085	1,300	9,600	2,797
1990, proj Schools: <sup>6</sup>	50,459	8,452	26,779	4,500	14,119	1,200	9,561	2,752
	60							
1955	(x)	(x)	104.4	12.4	26.0	3.9	.7	1.2
1961	(x)	(x)	81.9	14.8	25.4	4.1	.7	1.3
1965	(x)	(x)	73.2	15.3	26.6	4.6	.8	1.4
1970		(x)	65.8	14.4	25.4	3.8	1.1	1.5
1976	(x)	(x)	62.6	16.4	25.4	5.9	* 1.5	*13
1978	(x)	(x)	62.0	16.1	24.5	5.8	61.5	*1.
1980	(x)	(x)	61.1	16.8	24.4	5.7	41.5	*1.
1984	(x)	(x)	58.8	(NA)	23.9	(NA)	4 1.5	*1.

NA Not available. X Not applicable. <sup>1</sup> Enrollment Includes kindergarten. <sup>2</sup> For regular schools. <sup>2</sup> Degree-cred enrollment only. <sup>4</sup> Elementary and secondary data are estimates; higher education data are preliminary. <sup>2</sup> Excludes agree not reported by level, such as special education. Schools with both elementary and secondary programs are included und elementary and also secondary.

<sup>8</sup> Branch campuses counted separately.

#### SCHOOL EXPENDITURES, BY TYPE OF CONTROL AND LEVEL OF INSTRUCTION: 1980 TO 1987

st deltars. For school years ending in year shown. Due to conceptual and methodological differences, these data yee with data in table 191. See also Appendix III. See *Historical Statistics, Colonial Times to 1970*, series H 494, 499, r related but not comparable data, and H 513–519 for private schools]

YEAR	Total	ELEMENTA	NRY AND SE SCHOOLS	CONDARY	•	OLLEGES AN	_
		Total	Public	Private <sup>1</sup>	Total	Public	Private
······································	23,8 <b>6</b> 0 68,459	18,713	15,613 40,683	1,100 2,500	7,147 25,278	3,904 16,234	3,244
······································	108,664	43,183 68,846	64,846	4,000	39,818	26,966	9,041 12,852
**************************************	118,708 126,417	75,101 79,194	70,601 74,194	4,500 5,000	43,605 47,223	29,736 31,997	13,860 15,226
	137,042	86,544	80,844	5,700	50,498	34,031	18,467
	148,308 165,627	93,012 103,162	86,712 95,982	6,300 7,200	55,296 62,465	37,110 41,434	18,187 21,031
	182,849 197,801	112,325 120,466	104,125	8,200 9,300	70,524 77,315	46,559 50,813	23,965 26,502
				.,			
••••••••••••••••••••••••	211,368 228,597	128,725 139,000	118,425 127,500	10,300 11,500	82,643 69,597	53,840 58,124	28,803 31,473
	247,157 266,200	148,900 160,800	136,500 147,000	12,400 13,200	98,257 105,400	63,704 68,200	34,553 37,100
	262,100	170,000	156,000	14,000	112,100	72,800	39,500

<sup>3.</sup> Department of Education, Center for Education Statistics, Digest of Education Statistics, annual.

#### No. 191. SCHOOL EXPENDITURES, BY SOURCE OF FUNDS: 1970 TO 1985

years ending in year shown. Includes nursery, kindergarten, and special programs when provided by school system. Its school data and all data beginning 1980 are estimates. Due to revised methodology, data for 1970 and 1975 are table to later years]

Called Sales and the				TOTAL	(bil. dol.	)				PER	CENT	
FUNDS AND TYPE OF SCHOOL	1970	1975	1980	1981	1982	1983	1984	1985	1970	1980	1984	1985
244000004410000044400000000000000000000	70.4	111,1	164.7	179.8	197.8	211.4	228.6	247.2	100.0	100.0	100.0	100.0
	20		400	20.0	10.0	40.7	19.7	21.1	107	11.5	8.6	8.5
<u></u>	7.5	38.7	18.9	70.2	18.5	81.5	87.0	95.7	31.5	39.2	38.1	38.7
	00.0	33.2	43.1	46.1	51.9	54.9	60.1	63.4	32.1	26.2	26.3	25.6
,	10.1	27.1	38.2	43.5	51.1	56.3	61.8	66.9	25.7	23.2	27.0	27.1
	56.8	91.3	137.4	149.0	162.0	172.3	185.6	200.2	80.7	83.4	81.2	81.0
	5.8	9.8	14.8	15.5	14.0	14.1	14.8	15.6	8.2	9.0	6.5	6.3
	22.1	38.4	64.1	69.7	75.8	81.0	86.4	95.0	31.4	38.9	37.8	38.4
	22.5	33.1	42.9	46.0	51.7	54.7	59.9	63.2	32.0	26.1	26.2	25.6
	6.4	10.0	15.6	17.9	20.5	22.5	24.6	26.3	9.1	9.5	10.8	10.6
	13.6	19.8	27.3	30.7	35.8	39.1	43.0	47.0	19.3	16.6	18.8	19.0
	1.7	2.3	4.1	4.5	4.5	4.6	4.9	5.5	2.4	2.5	2.1	2.2
ocal	2	.4	.6	.6	.7	.7	.8	.9	.2	.4	.3	.4
hammanananananananananananananananananan	11.7	17.1	22.6	25.6	30.7	33.8	37.2	40.6	16.6	13.7	16.3	16.4
and	100		1000	100	5	500	100	135.		100	1	
7	45.7	72.2	102.2	109.3	120.5	128.7	139.0	148.9	100.0	100.0	100.0	100.0
		6.0	9.4	9.5	8.2	8.4	8.7	8.9	7.4	9.2	6.3	6.0
	15.8	27.2	44.9	48.5	52.8	56.8	60.7	66.3	34.6	43.9	43.7	44.5
	21.7	31.7	41.4	44.2	49.8	52.8	57.8	60.9	47.5	40.5	41.6	40.9
***************************************	4.8	7.3	6.6	7.1	9.6	10.7	11.9	12.8	10.5	6.4	8.6	8.6
	41.0	65.0	96.0	102.5	111.2	118.4	127.5	136.5	89.7	93.9	91.7	91.7
	3.4	6.0	9.4	9.5	8.2	8.4	8.7	6.9	7.4	9.2	6.3	6.0
	15.8	27.2	44.9	48.5	52.8	56.8	60.7	66.3	34.6	43.9	43.7	44.5
	21.7	31.7	41.4	44.2	49.8	52.8	57.8	60.9	47.5	40.5	41.6	40.9
	.1	.1	.3	.3	.3	.4	.4	.4	.2	.3	.3	.3
#	4.7	7.2	6.3	6,8	9.3	10.3	11.5	12.4	10.3	6.1	8.3	B.3
of higher	-		100	-50	100	4.0	1.53					
<b>6</b>	24.7	38.9	62.5	70.5	77.3	82.6	89.6	98.3	100.0	100.0	100.0	100.0
***************************************		6.1	9.5	10.5	10.3	10.3	11.0	12.2	16.6	15.2	12.3	12.4
		11.5	.6	21.7	23.5	24.7	26.3	29.4	25.9	31.4	29.4	29.9
	9	1.5	1.7	1.9	2.1	2.1	2.3	2.5	3.6	2.7	2.6	2.5
***************************************	13.3	19.8	31.6	36.5	41.5	45.6	49.9	54.1	53.9	50.6	55.7	55.0
Harris and the same of the sam		26.3	41.4	46.6	50.8	53.8	58.1	63.7	64.0	66.3	64.8	64.8
Marine Ma	2.4	3.8	5.4	6.0	5,8	5.7	6.1	6.7	9.7	8.7	6.8	6.8
***************************************		11.2	. 2	21.2	23.0	24.1	25,7	28.7	25.5	30.7	28.7	29.2
-		1.4	1.5	1.8	1.9	1.9	2.1	2.3	3.2	2.5	2.3	2.3
-	6.3	9.9	15.3	17.6	20.2	22.1	24.2	25.9	25.5	24.5	27.0	26.3
***************************************	8.9	12.6	21.0	24.0	26.5	28.8	31.5	34.6	36.0	33.7	35.2	35.2
41		2.3	4.1	4.5	4.5	4.6	4.9	5,5	6.9	6.5	5.5	5.6
1 local	- 2	0.0	6	6	24.7	20.5	8.	20.0	8 2	1.0	9.00	.9
White the state of	7.0	9.9	16.3	18.8	21.4	23.5	25.7	28.2	28.3	26.2	28,7	28.7

<sup>3</sup> Department of Education, Center for Education Statistics, unpublished data.

No. 192. Federal Program Funds for Education and Related Activities, by Level of Education, Agency and Program: 1980 to 1985

[in millions of dollars, For flacal years ending in June. To the extent possible, amounts reported represent outlays, rather than obligations]

LEVEL, AGENCT AND PHOGRAM	1980	1982	1963	1984	1985	LEVEL, AGENCY AND PROGRAM	1980	1982	1983	1984	1985
Total, all programs	34,631.3	34,690.3	34,759.0	36,495.5	38,555.2	Higher education—Continued					
Percent of Federal budget outlays	5.9	4.7	4.3	4.3	4.1	Department of Energy	82.4	19.8	39.8	19.7	8.6
Elementary/secondary education a	16,699.0	15,897.6	15,456.8	17,180.6	18,311.0	University laboratory cooperative program	9.5	3.5	3.5	3.5	9
Department of Education a	6,919.8	7,597.8	6,935.3	7,635.2	8,766.8	Energy conservation for buildings	27.5	2000	36.3	000	AN O
Grants for the disadvantaged	3,401.8	2,954.4	2,645.7	3,077.3	3,565.9	Department of Health and Human Services	2,170.7	2,020.5	1,183.1	483.4	325.0
Education for the handicapped.	821.8	1,141.4	1,289.7	952.8	1,402.8	Health professions training	395.8	368.4	5007	200.9	227.
Rehabilitation services and handicapped							10.1	28.0	35.0	0.4	ó
research	426.9	1,141.4	948.7	1,414.4	1,414.4	abuse, mental		1000	700	200	-
Vocational and adult education	863.4	817.5	717.6	742.5	914.3	programs	162.1	100.	4.00	6/.0	
Department of Apriculture 2	4.520.3	3.527.9	3,727.2	4,448.1	4,755.6	Control Control (BCII) Control		1	40.4	000	25.0
Child nutrition programs	3,777.1	3,019.7	3.278.1	3,437.3	3,835.9	December of the latester student benefits	0.000.		0.50	131	999
Agricultural Marketing Service—Commodities	443.8	363.5	362.3	895.5	8062	Mineral Lession Act and other funds	25.4		20.02	96	88.8
Special milk programs	159.3	22.9	14.9	18.6	16.1	Indian programs	27.0		246	25.0	280
Department of Commerce: Local public works		1				Constitution of Transportation	37.1		433	24.3	24.0
program—school facilities	54.8	5.4	1.3	6	1	Other populoe 2	2 2513	-	1 436 5	11724	1 022 0
Department of Defense 3	370.8	515.0	564.9	7123	820.3	Narl Science Foundation Sci Janginagring	84.6		200	29.7	63.0
Junior ROTC	32.0	423	50.4	54.1	48.1	II.S. Information Agency	405	600	68.0	17.4	200
Overceas denanded schools	338.8	386.7	414.5	553.6	608.8	Valorana Administration	1 784 0	1 525.8	1 268 4	2 1 070 4	# 949 P
Anathrant of English	94.0	23.1	48.2	23.2		College et ideal encourt	1 606 7	1 333 7	1 088 9	839.1	7110
Department of Health and Hirman Services	1 07R 3	1 282 6	1 222 0	1 475 7	1 640 1	Doel Vielnem velerane	0	14.4	24.9	625	67
Hoad Start	736.3	908.6	9120	996.7	1.075.1	Veterans dependents education	1763	177.7	154.6	140.2	134
Cools Consults at plant handlite	3420	374.0	3100	480.0	588.0	Other higher actucation programs	13.6	17.3	18.3	19.8	19.
December of the leterior 3	3340	248.2	361.2	4118	378.5	Other programs	1.332.1	1.279.5	1.348.9	1.416.6	1.469.4
Mostel assist Act and other funds	111.4	1736	1430	187.6	1478	Department of Education #	455.5	395.9	404.7	422.0	473.2
Indian advocation	2231	1712	2169	222.5	230.2	Libraries	264.8	101.4	124.5	87.1	123.3
Desagneed of labor	1 850.0	1 790 4	1 827 0	17510	1 264 7	Administration	170.1	265.7	248.0	307.4	305.6
App Come	470.0	6700	5630	505 P	604 5	Department of Agriculture	274.8	305.5	323.4	339.6	353.2
Joh Training Dartmarchin Act 5	1 380 0	1 220 4	1 264 0	1 156.3	6602	Department of Health and Human Services	37.8	46.6	44.9	48.9	56.5
Donathant of the Treasury Googral Revenue	200		-	2000	-	Department of Justice	17.4	14.9	19.4	15.4	17.1
Charles Education Chara	0.04 8	444.9	416.9	4110	4140	Department of State	25.0	21.2	23.8	23.1	25.
Starting—Coucation Strate	167.0	100	200	100	160.6	Department of Transportation	12.7	6.0	6.2	4.8	20
elerans Administration	000	0000	244	174.5	200	Other programs and agencies "	508.9	489.5	526.6	562,8	540.8
collegiate and job training programs.	440.0	0.163	1.642	7.4.7	2	Agency for International Development	80.5	105.4	109.6	101.4	114.8
Other elementary/secondary programs and		0.00	000			Library of Congress	151.9	144.9	154.2	164.1	181.
8000008	82.0	798	5.59	122.1	200.00	National Endowment for the Arts	135.9	112.9	121.9	145.4	163.2
Higher education "	10,803.5	10,936.4	10,714.9	10,062.3	10,348.7	National Endowment for the Humanities	82.8	68.4	74.3	74.8	(NA
Department of Education 2	5,683.5	6,394.6	7,185.4	7,318.0	7,846.1	Research programs at universities and related		1			
Student financial assistance.	3,682.8	2,732.5	4,043.6	3,743.3	4,505.8	Institutions 2	5.796.7	6.576.8	7.238.3	7.836.3	8.426.1
Guaranteed student loans	1,408.0	3,023.5	2,555.5	3,245.2	2,689.4	Department of Defense	644.5	889.9	1,112.2	1,072.5	1,260.0
Higher education	399.8	379.3	364.4	419.2	476.3	Department of Energy	1,470.2	1,715.8	1,861.1	2,001.4	2,086.9
Department of Agriculture	21.5	11.8	16.2	17.2	17.7	Dept. of Health and Human Services	2,087.1	2,194.7	2,448.9	2,750.7	2,810.9
Department of Defense	500.0	630.6	698.7	856.5	963.6	Agency for International Development	77.1	9.69	43.4	109.6	165.5
Tuition assistance for military personnel	(NA)	50.8	61.3	68.9	89.4	National Aeronautics and Space Admin.	254.6	368.1	366.5	352.9	448.1
Service academies	(NA)	275.3	291.7	392.5	395.0	National Science Foundation	743.8	787.0	827.8	1,006.0	1,135.7

\*Includes other programs or agencies not shown separately. \*Beginning 1982, includes stateside schools on military installations for free education of \*Estimate for energy conservation for school buildings (\$22.0 million in 1984) not evaluate. \*Prior to 1983, covers CETA programs.

#### ENROLLMENT IN PUBLIC AND PRIVATE SCHOOLS, BY LEVEL, 1965 TO 1966, AND PROJECTIONS, 1990

III. Data are for regular day schools and exclude independent nursery schools and kindergartens, residential aid hitchen, subcollegiate departments of colleges, Federal schools for Indians, and Tederally operated statistics. College data include degree-credit and nondegree-credit enrollment)

AND	1965	1970	1978	1979	1980	1981	1982	1983	1984	1985	1986, est.	1990
	54,394	59,853	58,895	58,215	58,415	57,972	57,678	57,532	57,235	57,360	57,710	58,911
	46,143	52,337	51,335	50,682	50,444	49,747	49,348	49,035	48,770	48,992	49,312	50,459
	8,251	7,516	7,560	7,533	7,971	8,224	8,330	8,497	8,465	8,368	8,397	8,452
8	35,463	36,629	32,060	31,631	31,666	31,345	31,356	31,312	31,218	31,347	31,655	34,1/8
-	30,563	32,577	28,328	27,931	27.674	27.245	27,156	26,997	26,918	27,047	27,355	29,628
	4,900	4,052	3,732	3,700	3,992	4,100	4.200	4.315	4,300	4,300	4,300	4,500
	13,010	14,643	15,576	15.014	14,652	14,255	13.896	13,755	13,775	13,767	13,657	12,470
	11,610	13,332	14,223	13,714	13,313	12,855	12,496	12,355	12,375	12,467	12,357	11,270
	1,400	1,311	1,353	1,300	1,339	1,400	1,400	1,400	1,400	1,300	1,300	1,200
	5,921	8.581	11,259	11,570	12.097	12,372	12,426	12,465	12,242	12,247	12,398	12.313
	3,970	6.428	8,784	9.037	9,457	9.647	9.696	9,683	9,477	9,479	9,600	9,561
	1,951	2,153	2,475	2,533	2,640	2,724	2,730	2.782	2,765	2,768	2,797	2,752

ad fater years have been revised since originally published.

#### 10. 194. ENROLLMENT IN PUBLIC AND PRIVATE SCHOOLS: 1960 TO 1986

It percent. As of October. For civilian noninstitutional population. For 1980, 5 to 34 years old; thereafter 3 to 34 years old (data for 35 years old and over not available by control of school)

		PUB	uc					PRIV	ATE		
	No.	Kinder- gerten	Ele- mentary	High school	College	Total	Nurs- ery	Kinder- garten	Ele- mentary	High school	Col-
30.0	6W	27	! :.5	9.2	2.3	7.2	(NA)	4	l 9	1.0	1.3
955 955 955 957 957 957 957 957 957	i .i i	2.4	27.6	11.5	3.8	9.2	.4	.6	4.9	1.5	1.0
52.2	.3	2.4 2.6	30.0	13.5	5.7	8.1	.8	.5 .5 .5	3.9	1.2	1.
52.8	.6 .6 .7	2.9	27.2	14.5	7.7	8.2	1.2	.5	3.3	1.2	2.0
1	.6	29 27 27 27 30 32	24.4	(NA) 13.0 12.8 12.7 12.8	(NA)	(NA)	1.4	.5	3.1	(NA)	(NA
49.2	.7	2.7	24.4	13.0	8.4	8.7	1.4	.6 .7	3.0	1.1	202
46.7	.0	2.7	24.2	12.8	8.2	9.0	1.5	.7	3.0	1.2	2.0
48.0	.9	3.0	24.1	12.7	8.5	8.3	1.6	.5	2.7	1.1	2.4
49.0	.9	3.2	23.8	12.8	8.4	9.0	1.6	.6	3.1	1.2	2.
40.2	.8	3.3	24.2	12.7	8.2	8.9	1.7	.6	3.0	1.2	2.
85.7 85.0 84.5 83.2 (MA) 81.1 80.9 80.7 80.3 79.9	(NA) 73.2	84		88.2	92.2	95.7	(NA)	95		96.7	96.
85.0	73.2	85.5	83.3	88.5	92.9	95.5	91.1	90.9	96.4	95.7	95.
84.5	59.5	84.4	83.1	85.6	90.7	93.4	91.1	88.2	94.1	96.1	92.
83.2	86.3	82.9 80.7	62.3	83.5	87.3	91.6	88.6	89.1	93.3	94.2	89.
(A44)	68.2	80.7	80.9	(NA) 81.1	(NA) 85.0	(NA)	89.0	87.0	90.7	(NA)	(NA
81.1	69.1	79.7	80.3	81.1	85.0	89.1	89.9	88.4	89.5	92.7	86.
<b>50.9</b>	69.6	80.6 78.5 79.0	79.9	60.8	64.9	89.0	88.8	89.6	90.6	89.2	86.
<b>50.7</b>	71.4	78.5	79.9	80.7	84.6	88.9	86.1	88.3	90.1	92.1	88.
50.3 Y	72.2	79.0	79.1	60.4	85.1	89.9	89.8	86.7	90.6	92.2	88.
79.9	72.0	77.8	79.0	60.3	83.7	89.8	89.8	90.4	90.3	88.3	86.

eu of the Census, Current Population Reports, series P-20, No. 409, and earlier reports; and unpublished data.

#### NO. 195. SCHOOL ENROLLMENT, BY SEX AND BY LEVEL: 1960 TO 1986

Det. For the civilian noninstitutional population. For 1960, persons 5 to 34 years old; 1965 and 1970, 3 to 34 flar, 3 years old and over. Elementary includes kindergarten and grades 1-8; high school, grades 9-12; and id 4-year colleges, universities, and graduate and professional schools. Data for college represent degree-credit

^	IL LEVEL	B 1	E	LEMENTA	RY	н	вн всно	OL		COLLEGE	<u> </u>
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
46.3	24.2	22.0	32.4	16.7	15.7	10.2	5.2	5.1	3.6	2.3	1.4
54.7 60.4	26.5 31.4	26.2 28.9	35.5 37.1	18.2 19.0	17.3 18.1	13.0 14.7	8.5 7.4	6.5 7.3	5.7 7.4	3.5 4.4	2.2 3.0
62.2	32.1 30.5	30.1 29.5	33.8 31.5	17.3 16.1	18.5 15.3	15.7 15.8	8.0 7.9	7.7 7.7	10.9 11.1	5.9 5.6	5.0 5.0
59.3	30.1	29.3	30.9	15.9	15.0	15.2	7.7	7.5	11.4	5.5	5.1
58.6 58.4	29.6 29.5	29.1 28.9	30.6 30.1	15.8 15.5	14.9 14.7	14.6 14.4	7.3 7.3	7.3 7.1	11.4 11.8	5.4 5.6	6.
. 59.9	30.3	29.6	31.0	15.9	15.0	14.7	7.5	7.3	12.1	5.8	6.
59.4 59.3	30.0	29.4 29.2	30.7 30.6	15.8 15.7	14.9 14.8	14.2 14.1	7.2 7.1	7.0 7.0	12.3 12.3	5.9 6.0	6.
58.6 59.8	29.9 30.0	29.0	30.3 30.7	15.6 15.7	14.7 15.0	13.9 14.1	7.1 7.2	6.8 6.9	12.3 12.5	6.0 5.9	6.
60.1	30.4	29.7 29.7	31.1	16.1	15.0	14.0	7.1	8.9	12.4	5.8	6.0

<sup>,</sup> includes nursery schools, not shown separately. \*\*Population controls based on 1970 census; see text, \*\*Population controls based on 1980 census; see text, sections 1 and 4.

of Education, Center for Education Statistics, Projections of Education Statistics, biennial, Digest of Education at unpublished data,

was of the Census, Current Population Reports, series P-20, No. 409, and series reports; and unpublished data.

No. 192, Federal Program Funds for Education and Related Activities, by Level of Education, Agency and Program: 1980 to 1985

In millions of dollers. For fiscal years ending in June. To the extent possible, amounts reported represent outlays, rather than obligations!

manager of the Landau franchis	-	700	200	1304	1000	CENEL AGENCY AND PROGRAM	200	7021	2		
Total, all programs	34,631,3	4,690.3	34,759.0	36,495.5	38,555.2	Higher education—Continued		1			
Percent of Federal budget outlays	6.9	4.7	4.3	4.3	4.1	Department of Energy	* 82.4	19.8	39.8	19.7	9.9
Elementary/secondary education 2	16,699.0	6,897.6	15,456.8	17,180.6	18,311.0	University laboratory cooperative program	3.5	000		0.0	0
Department of Education 2	6,919.8	7,597.8	6,935.3	7,635.2	8,766.8	Energy conservation for buildings	0.11.0	13.0	•	100	Z.
Grants for the disadvantaged	3,401.8	2,954.4	2,645.7	3,077.3	3,565.9	Department of Health and Human Services	2,170.7	2,020.5		483.4	350
Education for the handicapped	821.8	1,141.4	1,289.7	952.8	1,402.8	Health professions training	395.8	368.4		200.9	227
Rehabilitation services and handicapped		1				Alochol design bervice Corps scholarships	-	29.80	35.0	0.4	ó
research	426.9	1,141.4	948.7	1,414,4	1,414.4	of abuse, memal	_	1001	20.4	37.6	**
Vocational and adult education		817.5	717.6	742.5	914.3	Look to the feeting to distant	20.00	3	100	6.10	
Department of Apriculture 2		3,527.9	3,727.2	4,448.1	4,755.6	nearn leaching lacities	,	7000	40,4	2000	96
Child nutrition programs		3.019.7	3.278.1	3,437.3	3,835.9	Social Security postsecondary student benefits	1,008.0	2000	200	250.0	0000
Anteuthural Marketing Service Commodities		363.5	3623	895.5	790.8	Department of the Interior	2.20	2000	0.00		200
Soacial milk programs	1603	22.0	149	18.6	181	Mineral Leasing Act and other lunds	400	4.00	20.0	90	88
Department of Commerce. Local public works						moran programs	27.7	20.5	0.63	000	63
program school facilities	54.8	8.8	13		•	Department of Iransportation.	2000	200	43.3	2000	
Designated of Deleges 3	9708	KIND	5840	7193	8203	Cher agencies	2,251.3	.00.	0.000	1,1/2.4	1,022
Separation of Deferred	2000	200	200	54.1	48.1	Nati Science Foundation—Sci./engineering	0.40	0.70	200	29.1	38
JUNE TO COMPANY MANAGEMENT AND AND AND AND AND AND AND AND AND AND	2000	2000		900	000	U.S. Information Agency	0.00	0.00	0.000	4.1.0	2000
Overseas dependent schoolssupposessions	336.6	300.7	0.00	0.00	0.000	Veterans Administration	1,784.0	9722.8	1,258.4	1,0/0.4	240
Department of Energy	94.9	23.1	48.2	23.2	2	College student support	1,606.7	1,333.7	1,088,9	839.1	711
Department of Health and Human Services	1,078.3	1,282.6	1,222,0	1,475.7	1,640.1	Post Vietnam veterans	0.	14.4	24.9	52.2	67
Head Start	736.3	908.6	912.0	995.7	1,075.1	Veterans dependents education	176.3	177.7	154.6	140.2	134
Social Security student benefits	342.0	374.0	310.0	480.0	565,0	Other higher education programs	13.6	17.3	18.3	19.8	19
Department of the Interior 1	334.9	345.2	361.2	411.6	378.5	Other programs	1,332.1	1,279.5	1,348.9	1,416.6	1,469
Mineral Leasing Act and other funds.	111.4	173.6	143.9	187.6	147.8	Department of Education 2	455.5	395.9	404.7	422.0	4/3
Indian education	223.1	171.2	216.9	223.5	230.2	Libraries	264.8	101.4	124,5	87.1	123
Denartment of Labor	1.850.0	1.790.4	1.827.0	1,751.0	1.264.7	Administration	170.1	265.7	248.0	307.4	305
Joh Come	470.0	670.0	563.0	595.8	604.5	Department of Agriculture	274.8	305.5	323.4	339.6	353
Joh Training Dadnarchin Act 6	1 380 0	1 220 4	1 264 0	1 155.3	6802	Department of Health and Human Services	37.8	46.6	44.9	48.9	26
Considered of the Transfer Course Danced	20001	-	2	2000	-	Department of Justice	17.4	14.9	19.4	15.4	17
Chains Education Chain	0348	411.9	415.9	4110	4140	Department of State	25.0	21.2	23.8	23.1	52
Voterage Administration	467.8	310 8	2611	180 4	189.6	Department of Transportation	127	6.0	6.2	4.8	N
Maria and the training	200	000		174.0	154.6	Other programs and agencies 2	506.9	489.5	526.6	562.8	240
₽.	440.0	0.163		7.1.4	2.5	Agency for International Development	80.5	105.4	109.6	101.4	4
elementary secondary programs	9 00	000	000	1001	1000	Library of Congress	151.9	144.9	154.2	164.1	181
agotices an annual contract of the second con	_	2.00	2000	156.1	2000	National Endowment for the Arts	135.9	112.9	121.9	145.4	163
igner education "	10,803.5	0,930.4	10,714.9	10,062.3	10,348.7	National Endowment for the Humanities	82.8	68.4	74.3	74.8	Ž
Department of Education 2		6,394.6	7,185.4	7,316.0	7,846.1	Research programs at universities and related					
Student financial assistance		2,732.5	4,043.6	3,743.3	4,505.8	institutions 2	5.796.7	6,576.8	7,238.3	7,836.3	
Guaranteed student loans		3,023.5	2,555,5	3,245.2	2,689.4	Department of Defense	644.5	889.9		1,072.5	
Higher education	_	379.3	364.4	419.2	476.3	Department of Energy	1.470.2	1,715.8		2,001.4	
Department of Agriculture	_	11.8	16.2	17.2	17.7	Dept. of Health and Human Services	2,087.1	2,194.7	-	2,750.7	
Department of Defense	200.0	630.6	698.7	856.5	963.6	Agency for International Development	77.1	9.69		109.6	
Tuition assistance for military personnel	(NA)	80.8	61.3	68.9	89.4	National Aeronautics and Space Admin	254.6	368.1	366.5	352.9	448.1
Service academies	(NA)	275.3	291.7	392.5	395.0	National Science Foundation	743.8	787.0		1,006.0	
-	-	200	2360	+ 300	6 04Y						

Includes our program or negative sectod buildings (\$23.0 million in 1964) not available. • Prior to 1963, covers CETA programs. depresents zero. Try Not avanable.

# IO. 183. ENROLLMENT IN PUBLIC AND PRIVATE SCHOOLS, BY LEVEL, 1965 TO 1986, AND PROJECTIONS, 1990

inds. As of fall. Data are for regular day schools and exclude independent nursery schools and kindergartens, residential for exceptional children, subcollegiate departments of colleges, Federal schools for Indians, and federally operated on Federal installations. College data include degree-credit and nondegree-credit enrollment)

OF SCHOOL AND LEVEL	1965	1970	1978	1979	1980	1981	1962	1983	1984	1985	1986, est.	1990
	54,394	59,853	58,895	58,215	58,415	57,972	57,678	57,532	57,235	57,360	57,710	58,911
	46,143 8,251	52,337 7,516	51,335 7,560	50,682 7.533	50,444 7,971	49,747 8,224	49,348 8.330	49,035 8,497	48,770 8,465	48,992 8.368	49,312 8,397	50,459 8.452
en through 8	35,463 30,563	36,629	32,060 28,328	31,631 27,931	31,666 27,674	31,345	31,356	31,312 26,997	31,218 26,918	31,347	31,655	34,128
hrough 12	4,900 13,010	4,052 14,643	3,732 15,576	3,700 15,014	3,992 14,652	4,100 14,255	4,200 13,896	4,315 13,755	4,300 13,775	4,300 13,767	4,300 13,657	4,500 12,470
***********	1,400	13,332	1,353	1,300	13,313	12,855	1,400	1,400	12,375	1,300	1,300	1,200
	5,921 3,970 1,951	8,581 6,428 2,153	11,259 8,784 2,475	9,037 2,533	12,097 9,457 2,640	12,372 9,647 2,724	12,426 9,696 2,730	12,465 9,683 2,782	12,242 9,477 2,765	12,247 9,479 2,768	12,398 9,600 2,797	12,313 9,561 2,752

or 1970 and later years have been revised since originally published.

U.S. Dept. of Education, Center for Education Statistics, Projections of Education Statistics, biennial, Digest of Education Immust, and unpublished data.

#### No. 194. ENROLLMENT IN PUBLIC AND PRIVATE SCHOOLS: 1960 TO 1986

itia, except percent. As of October. For civilian noninstitutional population. For 1960, 5 to 34 years old; thereafter 3 to 34 years old (data for 35 years old and over not available by control of school)

			PUB	LIC .					PRIV	ATE		
	Total	Nurs- ery	Kinder- gerten	Ele- mentary	High school	Col- lege	Total	Nurs- ery	Kinder- gerten	Ele- mentary	High school	Col- lege
	39.0 45.5 52.2 52.8	(NA)	27	l '.5	9.2	2.3	7.2	(NA)		! <b>9</b>	1.0	1.3
	45.5	1 1	2.4	27.6	11.5	3.8	9.2	I .4 I	.6	4.9	1.5	1.4
	52.2	.3	2.6	30.0	13.5	5.7	8.1	.8	.6 .5	3.9	1.2	1.1
	52.8	.6 .8 .7	2.9 2.7	27.2	14.5	7.7	8.2	1.2	.5	3.3	1.2	2.0
	49.2	8.	2.7	24.4	(NA)	(NA)	(NA)	1.4	.5	3.1	(NA)	(MA
	49.2	1 .7	2.7	24.4	(NA) 13.0	8.4	(NA) 8.7	1.4	.6	3.0	1.1	2.0
	48.7	18.	2.7	24.2	12.8	8.2	9.0	1.5	.5 .6 .7	3.0	1.2	(NA 2.0 2.0
	49.0 49.0	ا 8. ا	3.0	24.1	12.7	8.5	8.3	1.6	.5	2.7	1.1	2.4
	49.0	.9	3.2	23.8 24.2	12.8	8.4	9.0	1.6	.6 .6	3.1	1.2	2.9
	49.2	اقا	3.3	24.2	12.7	8.2	8.9	1.7	.6	3.0	1.2	2.5
hille:												
	85.7	(NA)	84	.3	88.2	92.2	95.7	(MA)	95	3	96.7	98.5
	85.0	(NA) 73.2	85.5	83.3	88.5	92.9	95.5	(NA) 91.1	90.9	96.4	96.7	95.
	64.5	59.5	84.4	63.1	85.6	90.7	93.4	91.1	90.9 88.2	94.1	96.1	95.1 92.1
	83.2	66.3	82.9	82.3	83.5	87.3	91.6	88.6	89.1	93.3	94.2	69.9
	(NA)	66.2	60.7	60.9	(NA)	(MA)	(NA)	69.0	87.0	90.7	(NA)	(NA
	(NA) 81.1	69.1	79.7	60.3	81.1	(NA) 85.0	89.1	69.9	88.4	69.5	(NA) 92.7	(NA 86.8
	60.9	69.6	60.6	79.9	60.8	64.9	89.0	88.8	69.6	90.6	69.2	88.9
	60.7	71.4	78.5	79.9	80.7	64.6	88.9	88.1	88.3	90.1	92.1	88.0
	80.3	72.2	79.0	79.1	80.4	85.1	89.9	69.8	88.7	90.6	92.2	88.
	79.9	72.0	77.8	79.0	80.3	83.7	89.8	89.8	90.4	90.3	88.3	88.

#### t available

U.S. Bureau of the Census, Current Population Reports, series P-20, No. 409, and serier reports; and unpublished data.

#### NO. 195. SCHOOL ENROLLMENT, BY SEX AND BY LEVEL: 1960 TO 1986

a. As of Oct. For the civilian noninetitutional population. For 1980, persons 5 to 34 years old; 1985 and 1970, 3 to 34 dt thereafter, 3 years old and over. Elementary includes kindergarten and grades 1-8; high school, grades 9-12; and 2-year and 4-year colleges, universities, and graduate and professional schools. Data for college represent degree-oradit rifl.

	A	LL LEVEL	B 1	Ε	LEMENTA	RY	н	GH SCHO	IOL .		COLLEGE	<u> </u>
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Maie	Female
	46.3	24.2	22.0	32.4	16.7	15.7	10.2	5.2	5.1	3.6	2.3	1.2
	54.7 60.4	28.5 31.4	26.2 26.9	35.5 37.1	18.2 19.0	17.3 18.1	13.0 14.7	6.5 7.4	6.5 7.3	5.7 7.4	3.5 4.4	2.2 3.0
	62.2	32.1	30.1	33.8	17.3	16.5	15.7	8.0	7.7	10.9	5.9	5.0
	60.0	30.5	29.5	31.5	16.1	15.3	15.6	7.9	7.7	11.1	5.6 5.5	5.6 5.9
***************************************	59.3 58.6	30.1 29.6	29.3 29.1	30.9 30.6	15.9 15.8	15.0 14.9	15.2	7.7	7.5 7.3	11.4	5.4	6.0
	58.4	29.5	26.9	30.1	15.5	14.7	14.4	7.3	7.1	11.8	5.6	6.2
***************************************	59.9 59.4	30.3	29.6 29.4	31.0 30.7	15.9 15.8	15.0 14.9	14.7	7.5	7.3 7.0	12.1 12.3	5.8 5.9	6.3 6.4
***************************************	59.3	30.1	29.2	30.6	15.7	14.8	14.1	7.1	7.0	12.3	6.0	6.3
	56.9	29.9	29.0	30.3	15.8	14.7	13.9	7.1	6.8	12.3	6.0	6.3
	59.6 80.1	30.0 30.4	29.7 29.7	30.7 31.1	15.7 16.1	15.0 15.0	14.1	7.2	6.9 6.9	12.5 12.4	5.9 5.8	6.8 6.6

ing 1985, includes nursery schools, not shown separately. 

Population controls based on 1970 census; we text, sections 1 and 4.

U.S. Bureau of the Census, Current Population Reports, series P-20, No. 408, and earlier reports; and unpublished date.

NO. 193, SCHOOL ENROLLMENT, BY AGE AND RACE: 1970 TO 1986

[As of October, Covers civilian noninstitutional population enrolled in nursery school and above. Based on Current Population Survey, see text, section 1. See Historical Statistics, Colonial Times to 1970, series H 442-478 for enrollment 5-34 years old]

2212222	1	ENROLLME	NT (1,000)			RA	TE	
AGE AND RACE	1970	1980	1985	1986	1970	1980	1985	1986
Total 3 to 34 years old 1	60,357	57,348	58,013	58,153	56.4	49.7	48.3	48.2
3 and 4 years old	1,461	2,280	2,801	2,813	20.5	36.7	38.9	38.9
5 and 6 years old	7,000	5,853	6,697	6,917	89.5	95.7	96.1	95.3
7 to 13 years old	28,943	23,751	22,849	22,987	99.2	99.3	99.2	99.
14 and 15 years old	7,869	7,282	7,362	7,007	98.1	98.2	98.1	97.6
16 and 17 years old	6,927	7,129	6,654	6,861	90.0	89.0	91.7	92.3
18 and 19 years old		3,788	3,716	3,872	47.7	46.4	51.6	54.6
20 and 21 years old	1,949	2,515	2,708	2,430	31.9	31.0	35.3	33.0
22 to 24 years old	1,410	1,931	2,068	2,154	14.9	16.3	16.9	17.5
25 to 29 years old	1,011	1,714	1,942	1,882	7.5	9.3	9.2	8.0
30 to 34 years old	466	1,105	1,218	1,230	4.2	6,4	6.1	6.0
35 years old and over	(NA)	1,290	1,766	1,909	(NA)	1.4	1.7	1.8
White: Total 3 to 34 years old		47,673	47,452	47,267	56.2	48.9	47.8	47.4
3 and 4 years old	1,181	1,844	2,250	2,296	19.9	36.3	38.6	39.
5 and 6 years old	5,899	4,781	5,437	5,524	90.3	95.8	96.4	95.3
7 to 13 years old		19,585	18,464	18,579	99.2	99.2	99.3	99.2
14 and 15 years old	6,761	6,038	6,007	5,677	98.2	98.3	98.1	97.8
16 and 17 years old	6,008	5,937	5,449	5,587	90.6	88.6	91.6	92.0
18 and 19 years old	2,924	3,199	3,105	3,192	48.7	46.3	52.4	54.8
20 and 21 years old		2,206	2,318	2,042	15.7	31.9	36.1 17.0	17.
22 to 24 years old	1,305	1,669	1,744	1,759	7.7	9.2	9.2	8.
25 to 29 years old	416	942	1,043	1,021	4.2	6.3	6.2	5.5
35 years old and over	1000	1,104	1.533	1,644	(NA)	1.3	1.7	1,8
Black: Total 3 to 34 years old	10.7	8,251	8,444	8,556	57.4	53.9	50.9	51.
3 and 4 years old		371	469	411	22.7	38.2	42.7	38.
5 and 6 years old		904	1,030	1,100	84.9	95.4	95.7	95.
7 to 13 years old		3,598	3,549	3,564	99.3	99.4	99.1	99
14 and 15 years old		1,088	1,106	1,079	97.6	97.9	97.9	96.
16 and 17 years old	837	1,047	994	1,015	85.7	90.6	91.7	93.
18 and 19 years old	352	494	472	518	40.1	45.7	44.1	49.
20 and 21 years old	174	242	298	268	22.8	23.4	27.7	25.
22 to 24 years old	84	196	215	261	8.0	13.6	13.7	16.
25 to 29 years old	68	187	192	197	4.8	8.8	7.4	7.
30 to 34 years old	41	124	119	143	3.4	6.8	5.1	5.5
35 years old and over <sup>2</sup>	(NA)	186	233	265	(NA)	1.8	1.9	2.0

NA Not available. Includes other races, not shown separately.

### No. 197. ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT AND TEACHERS, BY TYPE OF CONTROL, 1960 TO 1986, AND PROJECTIONS, 1990

[In thousands, except percent. As of fall. Schools are classified by type of organization, rather than by grade group; elementary includes kindergarten and secondary includes junior high. Minus sign (—) indicates decrease]

		TO	TAL			PUBLIC			PRIVATE S	
ITEM	Number	Percent change 1	Elemen- tery	Second- ary	Num- ber	Ele- men- tary	Sec- ondary	Num- ber	Ele- men- tery	Sec- ondary
Enrollment: 1960	48,473 51,272 49,791 48,318 45,113	3.6 2.8 1.1 6 -1.4 5 .4	29,150 31,570 31,553 29,340 26,148 26,585 28,927 31,279	13,031 16,904 19,719 20,451 18,170 16,528 16,385 15,319	36,281 42,173 45,909 44,791 40,987 39,513 39,712 40,898	24,350 26,670 27,501 25,640 24,156 24,265 24,627 26,779	11,931 15,504 18,408 19,151 16,831 15,228 15,065 14,119	5,900 6,300 5,363 5,000 5,331 5,000 5,800 5,700	4,800 4,800 4,062 3,700 3,982 4,300 4,800 4,500	1,100 1,400 1,311 1,300 1,391 1,391 1,391
Teachers: 1980	1,983 2,288 2,451 2,463 2,553	4.5 3.9 3.4 1.4 .1 .7 1	991 1,112 1,281 1,352 1,368 1,476 1,498 1,676	809 822 1,007 1,099 1,074 1,078 1,055 1,010	1,408 1,710 2,055 2,198 2,162 2,210 2,203 2,315	858 966 1,128 1,160 1,177 1,230 1,248 1,394	550 748 927 1,016 965 961 957 921	192 223 233 255 301 343 348 371	133 147 153 172 212 246 250 282	# 77 # # # # # # # # # # # # # # # # #

Average from prior year shown; for 1980, change from 1955. For explanation of average annual change, see Guide to Tabul Presentation.
 \*\* Data beginning 1970 are estimated.
 \*\* Estimate.\*\* \*\* Projection.

Source: U.S. Bureau of the Census, Current Population Reports, series P-20, No. 409 and earlier reports; and unpublished data.

Source: U.S. Dept. of Education, Center for Education Statistics, Digest of Education Statistics, annual, and unpublished de

#### 8. PREPRIMARY SCHOOL ENROLLMENT OF CHILDREN 3 TO 5 YEARS OLD: 1970 TO 1986

ler. Civilian noninstitutional population. Includes public and nonpublic nursery school and kindergarten programs, year olds enrolled in elementary school. The method of identifying Hispanic children was changed in 1990 from ised on status of mother to status reported for each child. The number of Hispanic children using the new method is d on Current Population Survey; see text, section 1]

ITEM		NUI	MBER OF	CHILDRE	N (1,000)	)		E	NROLLME	NT RATE	
ITEM	1970	1975	1980	1983	1984	1985	1986	1970	1980	1985	1986
5 years old	10,877	10,183	9,284	10,252	10,612	10,733	10,866	(x)	(x)	(x)	(x
olled 1 2	4,075	4,954	4,878	5,385	5,480	5,865	5,971	37.5	52.5	54.6	55.0
	1,093	1.745	1.982	2 247	2.335	2.477	2,545	(x) (x)	(x) (x)	(x) (x) (x)	
HIGHNOO TO CONTROL TO CONTROL	762 2,982	1,174	1,353 2,896	1,538	1,593	1,631	1,715 3,426	(x)	(x)	(x)	(× (× (×
	32,476	2,682	2,438	2,416	2,668	2,847	2,859	(x) (x)	(x) (x)	(x)	(x
	3,414	4,105	3,994	4,430	4,411	4,757	4,851	37.8	52.7	547	55.2 54.1
	585 (NA)	731 (NA)	725 370	758 406	845 380	919 496	892 593	34.9 (NA)	51,8 43.3	55.8 43.3	47.8
	1,000	1000	1000		1 2 2 2			1000	0,000	150.12	
	1,003	1,418	1,423	1,005	1,004	1,035	1,041	13.0 27.9	27.3 46.3	28.8 49.1	28.9
	2,617	2,852	2,598	2,762	2,872	3,065	3,157	69.2	84.7	86.5	86.7
STATUS OF MOTHER			(100)		100	100	1	1		- 111	
th mother in		21.1	1.0		1.			13.5	120	100	
Ce 5	1,345 526	2,168	1,252	2,853	2,969 1,490	3,306 1,656	3,403	38.8	57.1 43.2	58.1	58.9
ears old	818	1,195	1,229	1,453	1,479	1,649	1,686	23.5 66.6	85.2	43.6 87.2	88,0
pouse present	1,131	1,733	1,976	2,296	2,366	2,729	2,715	39.5	56.7	58.8	59.
tal status	214	425	504	556	603	577	688	36.0	59.1	55.7	58.
	1,246 770	1,948	2,256	2,578 1,655	2,702 1,740	1,969	3,159	39.3 38.6	58.2 57.4	59.1 57.4	59.5
n labor force	2,694	2,704	2,266	2,378	2,311	2,372	2,361	37.0	48.9	50.4	50.0
other in		0.04	1.50	Farmer.	1	97	0.00	\$ 500	1	200	
CO 5	1,031	1,723	1,976	2,307	2,324	2,651	2,791	39.1	56.8	58.0 42.9	59.0 43.6
ears old	657	983	1,007	1,160	1,148	1,310	1,377	69.2	41.9 86.3	88.4	89.7
pouse present	913	1,449	1,671	1,953	1,992	2,329	2,346	39.1	56.6	59.0	59.4
tal status	119	273	305	354	332	322	445	38.9	58.7	51.7	56.8
L.	959 557	1,566	1,840	2,130 1,300	1,294	1,535	1,627	39.3	57.8 56.8	59.1 56.5	59.5 59.6
n labor force	2,354	2,331	1,914	2,007	1,925	1,973	1,909	37.4	49.4	51.0	50.4
other in	- 11	200	1000		13.00	100	200	100	100	100	
C8 5	281	372	438	458	536	548 300	494	36.8	59.2	60.2	58.5
dd	138	191	193	243	284 252	248	260 234	27.3 55.6	48.9 80.5	49.1 83.1	46.8 80.8
pouse present	192	221	240	272	276	311	267	39.4	57.7	60.0	57.
ital status	89	151	198	186	260	237	227	32.2	61.8	60.3	60.2
	256 195	313 244	356 269	366 302	443 367	439 361	424 357	37.9 39.0	60.5	60.3	59.3
n labor force	298	330	285	266	274	321	350	33.9	45.4	48.6	49.0
h mother in			6.0		11.00		100		1	200	
rce s	(NA)	(NA)	181	205	154	239	254	(NA)	50.8	49.3	53.0
ears old	(NA)	(NA)	101	120	75 79	112	100	(NA)	39.6 79.2	33.5 83.8	33.2 86.3
pouse present	(NA) (NA)	(NA) (NA)	146	175	129	188	173	(NA) (NA)	50.3	50.4	55.0
ital status	(NA)	(NA)	34	30	25	51	81	(NA)	59.3	45.5	49.
10000000000000000000000000000000000000	(NA)	(NA) (NA)	165 128	180	133 106	223 186	235 179	(NA) (NA)	52.1 49.2	52.1 53.4	55.0 57.4
n labor force	(NA)	(NA)	174	195	203	237	322	(NA)	36.8	38.8	44.
ON OF MOTHER	100		1.0		1	15.71		1000		201	
tal mothers	4,038	4,871	4,747	5,230	5,280	5,678	5,764	37.6	52.9	54.6	54.5
0 to 8 years	272 751	319 698	287	344 598	322	369 589	354	22.4	36.9	40.9	41.5
1 to 3 years	1,899	2,130	2,081	2,190	585 2,257	2,486	618 2,433	31.9	44.5 51.0	53.3	46.5 52.7
0 3 years	654	946	887	1,031	1,086	1,191	1,236	48.7	60.6	61.4	60.
ears or more	462	780	853	1,067	1,030	1,062	1,123	55.8	70.3	66.6	68.4
others	3,385	4,054	3,890	4,315	4,250	4,624	4,700	37.9	52.9	54.8	55.3
0 to 8 years	184 544	212	197 426	255 419	231	269 377	246 420	21.8	34.5	40.9	38.7 45.7
4 years	1,657	1,813	1,751	1,804	1,858	2,019	2,038	37.9	50.5	52.9	53.
aars or more	578 422	847 698	767 749	873	878	1,018	1,020	48.0 55.6	70.4	61.8 67.8	60.
		100000000000000000000000000000000000000		964	896	941	100000		100000000000000000000000000000000000000	12000	
0 to 8 years	579 80	702	723 72	724 60	810 42	869 65	845	35.3 24.1	52.9 43.9	55.3 42.4	54. 52.
0 to 8 years	187	200	197	160	176	203	181	33.2	48.5	53.1	50.5
4 years	218 69	279 82	295 100	326 119	340 171	391	317 185	37.9 54.8	54.4 57.8	56.8 59.7	64.5
ears or more	25	46	59	60	62	68	82	(B)	72.1	63.2	67.
tal mothers •	(NA)	(NA)	354	400	357	475	576	(NA)	42.8	43.4	47.8
0 to 8 years	(NA)	(NA)	90	124	116	162	167	(NA)	28.7	39.0	38.1
1 to 3 years	(NA)	(NA)	73	121	106	78 136	101	(NA)	42.9 51.4	41.0	43.8
4 years	(NA)	(NA)	131	45	106	136	205	(NA)	31.4	91.0	30.8

o small to meet standards of reliability. NA Not available. X Not applicable. I includes children with is labor force status is unknown and children with no mother present in household, not shown separately. \*Estimated. \*Happanic persons may be any race. \*Includes children who are unemployed, not shown separately. \*Includes mothers with 4 years of college or more.

<sup>.</sup> Bureau of the Census, Current Population Reports, series P-20, No. 318; and unpublished data.

124 Education

No. 199. PUBLIC SCHOOL ENROLLMENT IN REGULAR SCHOOLS, BY LEVEL—STATES: 1960 AND 1985 [In thousands. As of fall, includes unclassified students. See also Appendix III]

U.S	1980 27,674	1983 1	1986	1986 1	9-12 EDUCAT		GHER CATION <sup>2</sup> STATE						
U.S	27,874	l			1900	1963 1	l	1990	1985 1	1990	1963 1	1986	1985 ¹
		27,047	13,313	12,467	4 9,467	1 9,479	MS	330	330	147	141	91	91
AL	528	517	231	213	144	159	MO	567 108	544 108	277 50	251 48	1 <b>65</b> 31	169 32
AK	60	77	26	30	21	27	NE	189	184	91	82	74	81
AZ	357	366	157	162	194	202	NV	101	107	49	46	40	43
AR	310	304	138	130	66	86	NH	112	107	.55	54	24	27
CA	2,761	2,927	1,357	1,329	1,800	1,444	NJ	820 186	740 187	428 85	376 90	247 55	237 66
∞	374	379	172	172	146	142	NY	1.838	1,703	1,033	918		68
СТ		321	168	141	98	99	NC	786	749	343	337	583 228	563 267
DE	62	83	37	30	26	28	ND	77	64	40	35	32	35
DC	71	62	29	25	14	13	OH	1.312	1,206	645	588	382	379
FL	1,042	1,066	468	477	334	362	OK	399	414	179	176	137	147
GA	742	757	327	323	140	149	OR	319	305	145	142	140	120
HI	110	112	55	53	43	43							l
					ì		PA	1,231	1,093	678	591	292	301
iD	144	149	59	59	34	34	RI	95	90	53	43	35	35
IL	1,335	1,246	649	580	491	520	SC	426 88	424 86	193 42	183 37	108 24	100
	708	654	347	312	189	194	TN	602	575	252	239	157	14
A	351	324	183	161	97	110	TX	2.049	2,281	851	871	614	67
KS KY	283 464	286 449	133	125 195	122	127	<u></u>	250	299	93	105	60	e e
	544	571	206			111	I VT	66	63	29	27	18	11
LA ME	153	140	70	221 66	137	33	I VA	703	665	307	303	247	25
ME MD	493	446	256	225	195	199	WA	515	507	242	243	276	203
	676	559	346	285	164	186	<u>w</u> v	270	249	113	109	71	.67
A 44	1.227	1,104	638	586	454	434	W	528 70	501	303	267	235	23
MN	482	466	272	237	162	174	w	/0	74	26	29	21	24

<sup>&</sup>lt;sup>1</sup> Preliminary. <sup>2</sup> Includes postgraduates.

Source: U.S. Dept. of Education, Center for Education Statistics, Digest of Education Statistics, annual.

NO. 200. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS, BY GRADE SPAN—STATES: 1985

(For school year ending in year shown. Schools classified by type of organization rather than by grade-group. See Appendix III]

Com-bined Com-bined Elemen-Second-Second-Elemen-STATE Total STATE Total and other 3 and other tary 1 ary 2 ary 2 448 1,359 560 1,257 208 329 1,703 84,007 57,231 22,320 210 4,456 2,144 779 1,648 296 156 629 214 391 83 87 454 176 AL AK AZ AR CA CO CT. DE 1,339 799 325 215 447 165 78 204 5 19 99 8 215 73 14 38 21 7 216 885 622 47 435 1.168 710 452 6 2.256 1,887 7,621 4,932 802 454 2,676 638 1,282 853 415 14 NY. NC. ND 3,951 1,060 245 962 689 28 1,388 1,976 165 52 17 96 664 3,784 250 DC 179 121 50 OH OK OR 2,646 1,186 916 8 1,100 FL. 2,282 1,480 457 345 1,870 663 327 1,771 1,295 439 37 HI. 230 162 54 14 825 173 7 21 14 43 238 43 13 81 75 60 17 3,373 2,375 2,375 218 781 481 1,175 3,969 464 309 RI. SC SD TN 586 ID 368 188 30 286 1,121 61 4,342 3,037 1,024 281 IL 239 467 1,532 187 IN 1,927 1,339 485 103 734 1,685 IA 1,705 1,060 605 40 2 42 184 14 TXT VX WA 5,739 KS 1,485 469 354 1,014 694 KY 983 55 458 377 1,507 952 371 1,263 1,802 ME 759 569 176 1,685 518 1,219 856 297 433 66 763 281 1,335 38 2,023 MI 3,804 2,742 896 558 MN 1,568 942 68

Source: U.S. Dept. of Education, Center for Education Statistics, Digest of Education Statistics, annual.

<sup>&</sup>lt;sup>3</sup> See headnote, table 244.

<sup>4</sup> Includes U.S. military academies not shown sepa-

<sup>-</sup> Represents zero. Includes schools beginning with grade 6 or below and no grade higher than 8. Includes schools with no grade lower than 8. Includes special education, alternative, and other schools not classified by grade spen.

#### NO. 201. YEARS OF SCHOOL COMPLETED, BY AGE AND RACE: 1940 TO 1986

as of April 1; beginning 1984 as of March. Excludes Armed Forces, except members living off post or with bit. Beginning 1980, excludes immates of institutions, 1940 based on complete count; 1980 based on 20-percent I on 25-percent sample; 1970 on 20-percent sample; and 1980 on 17-percent sample; beginning 1984 based on lation Survey; see text, section 1. For definition of median, see Guide to Tabular Presentation)

		AL	L PERSON	•			BLA	CK PERM	ONG.	
ND YEAR	Pero high grad	ent not school tustes	years	nt with 4 of high or more	Median school	hiah	ent not school sustes	veers	nt with 4 of high or more	Median
	Total	With less then 5 yr. of school	Total	College, 4 yr. or more	com- pleted	Total	With less then 5 yr. of school	Total	College, 4 yr. or more	years com- pleted
WOF:										
	75.5	13.7	24.5	4.8	6.6	92.7	42.0	7.3	1.3	6.7
	65.7	11.1	34.3	8.2	9.3	87.1	32.9	12.9	2.1	5.6
***************************************	56.9	8.3	41.1	7.7	10.6	79.9	23.8	20.1	3.1	8.0
***************************************	47.7	5.5	52.3	10.7	12.1	68.6	14.6	31.4	4.4	9.6
	33.5	3.6	65.5	16.2	12.5	48.9	8.2	51.2	8.4	12.0
	26.7	2.8	73.3	19.1	12.6	41.5	7.0	58.5	10.4	12.2
***************************************	26.1	2.7	73.9	19.4	12.6	40.2	6.2	59.8	11.1	12.3
***************************************	25.3	2.7	74.7	19.4	12.6	37.7	5.4	62.3	10.9	12.3
	61.9	5.9	36.1	5.9	10.3	69.4	27.7	11.8	1.6	7.0
	49.5	4.7	52.8	7.7	12.0	80.4	18.8	22.2	2.7	6.0
	39.3	2.8	60.7	11.1	12.3	62.3	7.0	37.7	4.8	9.5
	26.2	1.7	73.8	16.3	12.6	44.6	3.2	55.4	6.0	12.1
	15.5	1.1	64.5	22.1	12.9	24.8	1.1	75.2	11.4	12.8
	14.1	8.	85.9	21.9	12.6	21.2	.9	78.9	11.6	12.0
	13.9	.7	68.1	22.2	12.0	19.4	.4	60.6	11.5	12.7
***************************************	13.9	ا و. ا	68.1	22.4	12.9	16.7	.5	83.4	11.6	12.7

Bureau of the Census, U.S. Census of Population, 1940, 1980, 1980, 1970, and 1980, vol. I; and Current Population P-20, forthcoming reports,

. YEARS OF SCHOOL COMPLETED, BY RACE, HISPANIC ORIGIN, AND SEX: 1960 TO 1986

25 years old and over. Hispanic persons may be of any race. For definition of median, see Guide to Tabular station. See headnote, table 201. See also Historical Statistics, Colonial Times to 1970, series H 602-617]

			PERCE	NT OF PO	PULATIO	N COMPL	ETING-		District
YEAR, RACE,	Popula- tion	Elem	entary s	chool	High t	school	Co	llege	Median school
PANIC, AND SEX	(1,000)	0-4 years	5-7 years	8 years	1-3 years	4 years	1-3 years	4 years or more	years completed
CES	99,438	8.3	13.8	17.5	19.2	24.6	8.8	7.7	10.6
	89,581	6.7	12.8	18.1	19.3	25.8	9.3	8.1	10.9
	43,259	7.4	13.7	18.7	18.9	22.2	9.1	10.3	10.7
	46,322	6.0	11.9	17.8	19.6	29.2	9.5	6.0	11.2
	9,054	23.8	24.2	12.9	19.0	12.9	4.1	3.1	8.0
	4,240	28.3	23.9	12.3	17.3	11.3	4.1	2.8	7.7
	4,814	19.8	24.5	13.4	20.5	14.3	4.1	3.3	8.6
ices	109,899	5.5	10.0	12.8	19.4	31.1	10.6	10.7	12.1
		-		-			12.0		
	98,246	4.5	9.1	13.0	18.8	32.2	11.1	11.3	12.1
***************************************	46,527	4.8	9.7	13.3	18.2	28.5	11.1	14.4	12.1
	51,718	4.1	8.6	12.8	19.4	35.5	11.1	8.4	12.1
)*************************************	10,375	14.6	18.7	10.5	24.8	21.2	5,9	4.4	9.8
***************************************	4,714	17.7	19.1	10.2	22.9	20.0	6.0	4.2	9.4
***************************************	5,661	12.0	18.3	10.8	26.4	22.2	5.8	4.6	10.1
	3,946	19.5	18.6	11.5	18.2	19.9	7.6	5.9	9.3
	1,897 2,050	19.1	18.0	11.3	18.3	22.3	5.4	3.2	8.9
	132,836	3.6	6.7	8.0	15.3	34.6	15.7	16.2	12.5
ices	132,030	3.0	0.7	0.0	10.0	34.0	19.7	10.2	12.0
	114,290	2.6	5.8	8.2	14.6	35.7	16.0	17.1	12.5
100.00	53,941	2.8	6.0	8.0	13.6	31.6	16.4	21.3	12.5
	60,349	2.5	5.6	8.4	15.5	39.1	15.6	13.3	12.6
	13,195	8.2	11.7	7.1	21.8	29.3	13.5	8.4	12.0
	5,895	10.0	12.0	6.7	20.5	28.3	14.0	8.4	12.0
***************************************	7,300	6.7	11.6	7.3	22.9	30.0	13.2	8.3	12.0
	6,739	15.5	16.6	8.1	15.8	24.4	12.0	7.6	10.8
	3,247	15.2	16.2	7.7	15.5	22.6	13.4	9.4	11.1
-	3,493	15.8	17.1	8.4	16.1	26.0	10.6	6.0	10.6
ICOS	146,606	2.7	4.7	6.0	11.9	38.4	16.9	19.4	12.6
	127,269	2.2	4.2	6.1	11.3	39.0	17.1	20.1	12.7
***************************************	60,770	2.4	4.2	6.1	10.8	35.2	17.3	24.0	12.8
	66,500	2.1	4.2	6.1	11.8	42.5	16.9	16.4	12.6
	15,234	5.4	8.3	5.6	18.5	35.6	15.8	10.9	12.3
	6,779	6.6	8.9	5.2	17.7	34.3	16.0	11.2	12.3
	8.455	4.3	7.8	5.9	19.0	36.6	15.6	10.7	12.4
	9,030	12.9	15.9	8.1	14.7	28.4	11.6	8.4	11.7
	4,397	13.3	15.5	7.3	14.7	27.4	12.3	9.5	11.8
***************************************	4,633	12.5	16.2	8.9	14.7	29.4	11.0	7.4	11.5
	4,000			-,-	2.30				71.0

Bureau of the Census, U.S. Census of Population: 1980, vol. I; 1970, vols. I and II; 1980, vol. I, chapter C, and libr Reports, series P-20, No. 403.

NO. 203. YEARS OF SCHOOL COMPLETED, BY RACE, SEX, AND AGE: 1986

[Persons 25 years old and over. As of March 1996. See headnote, table 201. For definition of median, see Guide to Tabular Presentation)

		l	PERCE	NT OF PO	PULATIO	N COMPL	ETING-		
RACE, SEX, AND AGE	Popule- tion	Elem	entary s	chool	High s	chool	Co	Mege	Median
	(1,000)	0-4 years	5-7 years	8 years	1-3 years	4 years	1-3 years	4 years or more	completed
All races	146,806	2.7	4.7	6.0	11.0	38.4	16.9	19.4	12.0
MaleFemale	69,503 77,102	2.8 2.5	4.7 4.6	6.0 6.0	11.3 12.5	34.9 41.6	17.1 16.7	23.2 16.1	12.7 12.6
25-29 years	20,434	.9 9.	1.6 1.7	1.6 1.6	9.8 8.2	42.2 40.1	21.6 21.7	22.4 25.7	12.9 12.9
35-44 years	32,508	1.2 2.3	2.5 4.0	2.6 4.7	9.0 12.6	38.9 42.0	20.5 15.2	25.5 19.1	12.9 12.6
55 years old and over	15,234	5.3 <b>5.4</b>	9.0	12.7 5.6	16.0 18.8	34.2 35.6	11.2 15.5	11.7	12.2 12.3
25-29 years	2,684 2,417	.5 .7	.8 1.4	1.2 2.5	14.1 15.2	47.0 44.1	24.5 20.4	11.8 15.6	12.7 12.7
35-44 yeers	3,406	1.0 3.2	3.1 7.4	2.4 6.9	17.7 23.6	40.6 36.0	20.5 13.2	14.6 9.6	12.0
55 years old and over	4,323 9,030	15.8	21.2 15.9	11.9 6.1	20.7	19.5 28.4	5.5 11.6	5.6 9.4	9.2
25-29 years	1,682	5.8	12.0	6.4	17.0	33.7	16.3	9.0	12.3
30-34 yeers 35-44 yeers 45-54 yeers	1,594 2,209 1,453	6.5 10.2 13.8	14.5 15.2 17.3	5.0 7.7 8.1	16.1 14.2 15.5	33.8 29.2 28.7	13.6 13.8 9.1	10.9 9.8 7.4	12.2 12.1 11.0
55 years old and over	1,891	27.8	20.8	13.0	11.2	17.7	4.8	4.9	8.1

<sup>&</sup>lt;sup>1</sup> Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, unpublished data.

# No. 204. PERCENT OF POPULATION WITH LESS THAN 5 YEARS OF SCHOOL AND WITH 4 YEARS OF HIGH SCHOOL OR MORE, BY AGE, RACE, AND HISPANIC ORIGIN: 1970 TO 1986

[Persons 25 years old and over. As of April 1978 and 1986, and March 1975 and 1986]

		t	ESS TH	IAN 5	YEARS (	F SCHO	OL			4 4	EARS	OF HIG	H SCHO	OL OR N	ORE	
						1986								1986		
RACE AND HISPANIC ORIGIN	1970	1975	1980	Total	25-34 yr.	35-44 yr.	45-64 yr.	65 yr. and over	1970	1975	1980	Total	25-34 yr.	35-44 yr.	45-64 yr.	65 yr. and over
All races 1	5.5	4.2	3.6	2.7	.9	1.2	3.0	6.5	52.3	62.5	66.5	74.7	86.8	84.8	71.6	49.3
White	4.5 14.6 19.5 28.5 20.5 8.2 8.8	3.3 12.3 18.5 24.6 17.4 7.3 7.6	2.6 8.2 15.5 20.1 14.1 7.3 8.3	2.2 5.4 12.9 16.3 10.6 8.6 6.7	.9 .6 6.0 7.9 1.0	1.1 1.0 10.2 13.4 8.6 3.4 4.9	2.4 6.0 17.5 22.7 19.8 10.9 7.3	5.0 21.3 33.1 44.1 36.6 19.5 16.5	54.5 31.4 32.1 24.2 23.4 43.9 44.9	64.6 42.5 37.9 31.0 28.7 51.7 58.0	68.8 51.2 44.0 37.6 40.1 55.3 57.4	76.2 62.3 48.5 43.3 44.7 59.1 60.0	87.5 81.9 58.6 54.7 58.1 80.0 64.7	86.0 75.8 52.7 47.0 47.3 72.6 65.0	74.1 50.0 41.1 33.5 31.0 55.4 57.9	51.9 22.4 19.2 9.8 14.3 29.7 34.9

Represents or rounds to zero. 
<sup>1</sup> Includes races not shown separately.
<sup>2</sup> Hispanic persons may be of any race.
<sup>3</sup> Includes Central or South American and other Hispanic origin.

#### No. 205. SCHOOL DAYS LOST ASSOCIATED WITH ACUTE CONDITIONS: 1962 TO 1985

[Days lost per year per 100 children, ages 6-16, beginning 1984, ages 5-17. Based on data collected during the periods July of the previous year to June of the year shown through 1980; beginning 1984 is based on calender year data. Based on a sample of the civilian noninstitutionalized population: see Appendix III]

									1985		
CONDITION	1902	1985	1970	1975	1985	1964	Total 1	Male	Fe- male	White	Black
All acute conditions	521	466	452	451	487	414	387	348	428	486	340
Infective and parasitic diseases	108 342 174 186	139 238 147 91	90 284 147 117	81 261 121 140	99 282 118 164	68 247 68 159	94 216 91 124	87 190 86 104	101 242 96 148	91 229 93 136	128 144 81
Digestive system conditions		13 29 36	24 36 36	21 52 36	22 37 47	19 20 41	* 13 24 41	* 15 28 29	* 11 * 20 54	* 12 23 44	:17

Includes other races not shown separately.
 Pigure does not meet standards of reliability or precision.
 Source: U.S. National Center for Health Statistics, series 10, and unpublished data.

Source: U.S. Bureau of the Census, Census of Population: 1970, vols. I and II, 1980 Census of Population, vol. I, chapter C, Current Population Reports, series P-20, No. 403; and unpublished data.

No. 208. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SUMMARY: 1975 TO 1987
[For school year ending in year shown, except as indicated. Data are estimates]

ITEM	Unit	1975	1983	1961	1962	1962	1964	1965	1986	1967
			1330							
ol districts, total	Number	16,624	16,044	16,001	15,959	15,909	15,867	15,812	15,739	15,681
ENROLLMENT										
fation 5-17 years old 1	1,000	51,498	48,041	47,236 20.8	46,353 20,2	45, <b>65</b> 5 19.7	45,130 19.3	44,942 19.0	44,975 16.8	45,143 18.7
rount of resident population	Percent 1,000	45,135	41,778	41,021	40,119	39,680	39,408	39,354	39,530	39,801
Percent of population 5-17 years old	Percent		87.0	86.8	86.6	88.9	87.3	87.6	87.9	68.2
smentary *	1.000	25,780	24,397	24,140	24,052 16,037	23.883	23,672	23,686	23,960	24.360
•••••	1,000	19,350	17,381	16,861	16,037	15,796	15,736	15,686	15,570	15,440
age daily: imbership (ADM)	1,000	44,442	40,812	40,162	39.308	38.883	38,589	38,751	36,708	38,902
endance (ADA) school graduates	1,000	41,476	36,411 2,782	37,857 2,731	37,072 2,711	36,752 2,811	36,480 2,503	36,505 2,424	36,642 2,364	36,836 2,377
•	1,000	2,040	2,762	2,731	2,711	2,011	2,500	2,424	2,364	، ادبع
INSTRUCTIONAL STAFF										
seeroom teachers	1,000	2,453	2,521 2,211	2,465 2,192	2,455 2,158	2,438 2,135	2,439 2,142	2,474 2,174	2,515 2,210	2,540 2,233
age salaries: Aructional staff	l '		16.715	18.404	20,327	21,630	22.895	24.655	26,291	27,678
percom teachers	Doller	11,680	15,970	17,644	19,274	20,693	21,917	23,595	25,208	26,704
REVENUES		•		j	i			ł	}	
mue receipts	MIL dol	63,047	97,635	108,552	113,969	120,760	128,930	141,010	151,334	160,969
derei	Mit. dol	5,099 27,472	9,020 47,929	9,285 51,376	6,419 54,573	8,623 57,558	8,802 61,604	9,283 89,139	9,767 75,332	9,959 80,433
Cal	ME. dol	30,486	40,686	45,892	51,007	54,579	58,524	62,588	66,214	70,517
ent of revenue receipts: derai	Percent	8.1	9.2	8.7	7.4	7.1	6.8	6.6	6.5	6.2
	Percent	43.6 48.4	49.1 41.7	48.2 43.1	47.9 44.7	47.7 45.2	47.8 45.4	49.0 44.4	49.8 43.8	50.0 43.8
EXPENDITURES	rucui		1	43.1	<b></b> ./	70.2	-5.4	17.7	10.0	45.5
I <u></u>	Mill. dol	62,340	98,105	105,103	113,005	119,158	126,712	136,736	150,915	160,479
rrent expenditures (day schools)	MR. dol	53,333	85,861	94,210	102,048	106,773	116,082	126,857	137,805	146.244
her current expenditures *	Mil. dol	1.746	1,859 6.504	2,004 8,732	2,227 8,404	2,003 6,131	2,017 6,261	2,075 7,296	2,177 8,555	2,189 9,341
pital outley erest on school debt	Mil. dol	1,850	2,081	2,156	2,326	2,252	2,333	2,508	2,577	2,706
ant of total:	Ì	Ì							l	1
ment expenditures (day schools)	Percent	85.6	89.1	89.6	90.3	91.3	91.6	91.4	91.2	91.1
her current expenditures * pital outley	Percent	2.8 8.7	1.9	1.9	2.0 5.7	1.7 5.2	1.6 5.0	1.5 5.3	1.4 5.7	1.4 5.8
erest on echool debt	Percent	3,0	2.2	2.1	2.1	1.9	1.8	1.8	1.7	1.7
ment dollars:				į	1		l		į	
wenue receipts per pupil in-			l				1	l		ł
NOM	Dollar	1,520	2,542	2,815 2,652	3,075 2,900	3,286 3,105	3,533 3,341	3,863 3,638	4,130 3,910	4,368 4,136
ment expenditures per pupil		1,419	2,382	2,002	2,900	3,105	3,341	3,636	3,510	-,,,30
NDA	Dollar	1,286	2,230	2,489	2,753	2,960	3,181	3,475	3,755	3,970
NDM	Dollar	1,200	2,099	2,345	2,596	2,797	3,008	3,274	3,555	3,759
instant (1967) dollars: 4 Menue receipts per pubil								1		1
in-							]			
ADM	Doller	3,265 3,048	3,643 3,428	3,616 3,407	3,635 3,428	3,724 3,519	3,861 3,652	4,064 3,827	4,222 3,997	4,368 4,136
ment expenditures per pupil		-,		5,35,	-,			-,	5,55,	
NOA	Dollar	2,782	3,198	3,197	3,254	3,354	3,477	3,656	3,839	3,970
ADM	Dollar	2,577	3,008	3,012	3,068	3,170	3,288	3,444	3,634	3,759

intimated resident population as of July 1 of the previous year. 

Fall enrollment of the previous year.

Kindergarten gh grade 8. 

Grades 7 through 12. 

Current expenses for summer schools, adult education, post-high school isonal education, personnel retraining, etc., when operated by local school districts and not part of regular public elementary secondary dey-school program.

Compiled by U.S. Dept. of Education, Center for Education Statistics.

uros: Except as noted, National Education Association, Washington, DC, Estimates of School Statistics, annual (copyright) and sings of the States, annual (copyright); and unpublished data.

**4** b

NO. 207. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS, BY TYPE AND SIZE OF SCHOOL: 1985
[Data reported by schools, rather than school districts]

51000 LMENT 8175 OF		NUMBE	R OF SCHO	ous			ENROL	LMENT (1,0	100)	
ENROLLMENT SIZE OF SCHOOL	Total	Elemen- tary <sup>1</sup>	Second- ary <sup>3</sup>	Com- bined <sup>a</sup>	Other 4	Total	Elemen- tary <sup>1</sup>	Second- ary <sup>8</sup>	Com- bined <sup>a</sup>	Other 4
Total	84,007	57,231	22,320	1,506	2,000	39,965	23,019	15,867	750	320
PERCENT DISTRIBUTION 6										
Total <sup>a</sup> Under 100 students	100.0 9.66 11.84 13.81 15.49 13.23	100.0 7.76 12.21 15.92 19.08 15.90	100.0 8.62 10.28 8.44 7.77 7.63	100.0 20.04 9.61 9.92 10.30 10.24	100.0 61.84 19.31 8.15 3.05 1.96	100.0 1.02 3.69 7.09 11.22 12.28	100.0 .97 4.62 9.95 18.54 17.06	100.0 .71 2.09 2.91 3.76 4.74	100.0 1.86 2.85 5.19 7.66 9.63	100.0 17.78 18.61 13.46 7.19 5.99
500 to 599 students 600 to 699 students 700 to 799 students 600 to 999 students 1,000 to 1,499 students	10.29 7.14 4.81 5.55 5.37	11.54 7.28 4.30 3.66 1.91	7.97 7.42 6.46 10.30 14.67	9.74 7.36 5.34 7.54 7.29	1.41 .66 1.23 .73 .87	11.66 9.58 7.46 10.22 13.36	15.66 11.66 7.97 8.45 5.48	6.07 6.67 6.71 12.72 24.69	11.14 10.03 8.33 13.96 18.35	5.32 2.96 6.27 4.42 6.87
1,500 to 1,999 students 2,000 to 2,999 students 3,000 or more students	1.91 .97 .12	.21 .02 (2)	8.49 3.53 .44	1.76 .75 .13	.48 .23 .09	6.77 4.67 .93	.87 .13 .03	15.36 11.33 2.23	6.33 3.74 .86	5.33 3.66 2.12
Average enrollment *	(×)	(x)	(x)	(%)	(∞)	482	403	721	476	146

X Not applicable. Z Less than .005 percent. ¹ Includes achools beginning with grade 6 or below and with no grade lower than 7. ² Includes achools with both elementary and secondary grades. ⁴ Includes special education, alternative, and other schools not classified by grade spen. ⁴ Data for those schools reporting enrollment.

Source: U.S. Department of Education, Center for Education Statistics, "Common Core of Data" survey.

No. 208. PUBLIC ELEMENTARY AND SECONDARY SCHOOL ENROLLMENT, BY STATE: 1975 TO 1985
[Enrollment as of fall. Includes unclassified students. For composition of regions, see fig. 1, incide front cover]

REGION, DIVISION	E	(1,000)	AL.		RATE 2		REGION, DIVISION	EN	(1,000)	VT		RATE I	
AND STATE	1975	1980	1985 1	1975	1980	1985	AND STATE	1975	1980	1985	1975	1980	1985
U.S	44,791	40,984	39,513	88.9	86.5	87.9	So. Att.—Con.						
Region:							MD,	881	751	672	87.3	83.9	85.6
Northeast	9.667	8,213	7,316	85.1	82.3	82.8	DC	130		87	87.8		100.0
Midwest		10,763	9,948	88.5			VA	1,104	1,010	968	93.7	90.7	93.2
Midwest	12,2//				85.9	86.4	WV	404	384	358	98.6	92.6	92.3
South	14,654	14,134	14,123	90.6	87.8	90.0	NC	1,185	1,129	1,086	92.8	90.0	92.7
West	8,192	7,873	8,126	92.0	90.1	91.0	SC	630	619	607	89.8	88.1	90.7
	2004	4 3 3 3	1000	1.50	1000	4.25	GA	1,090	1,069	1,080	90.1	86.9	89.9
N. Eng	2,557	2,186	1,896	89.6	86.6	85.9	FL	1,551	1,510	1,563	88.8	84,4	87.4
ME		222	206	98.0	91.5	93.2		100000	100000	1000		100	100
NH		167	161	88.6	85.3	88.0	E. So. Cent		2,760	2,659	86.9	85.2	87.2
VT		96	90	90.4	87.9	90.0	KY	692	670	644	85.5	83.7	85.8
MA	1,198	1,022	844	89.2	88.6	85.4	TN	877	854	814	90.5	87.8	89.6
RI	176	148	133	82.8	79.7	81.1	AL	759	759	730	86.2	87.6	89.2
CT	652	531	462	89.5	83.3	83.7	MS	512	477	471	84.1	79.6	82.6
Mid. Atl	* 7,110	6,026	5,420	83.6	80.8	81.8	W. So. Cent	4,712	4,703	4,950	92.6	90.0	91.6
NY	3 3,406	2.871	2,621	83.1	80.8	82.9	AR	457	448	433	92.1	90.3	91.9
NJ		1.246	1,116	84.7	81.5	81.6	LA		778	793	84.7	80.3	83.6
PA	1 2,246	1,909	1.683	83.8	80.4	80.1	OK	595	578	592	97.2	92.9	91.6
	1	1444	11,000				TX	2.813	2,900	3,132	94.5	92.4	93.9
E. No. Cent	8,774	7.689	7.044	88.2	85.6	86.4			-,-,-	2,			
OH	2,293	1,957	1,794	89.0	84.8	86.0	Mt	2,244	2,280	2,401	93.7	92.6	92.8
IN		1.056	966	90.9	88.0	87.6	MT		155	154	91.9	92.9	93.9
IL		1,983	1,826	85.5	82.6	82.6	ID	197	203	209	96.4	95.4	91.7
MI	2.073	1,863	1,690	90.9	90.1	92.6	WY		98	103	96.9	97.3	94.5
WI	964	830	768	84.1	82.1	83.1	CO	569	546	551	93.6	92.2	92.1
***	501	000			UE. 1	90,1	NM		271	278	89.5	89.5	89.7
W. No. Cent	3,503	3.074	2,904	87.9	86.5	86.2	AZ	3 493	514	548	91.5	88.9	90.6
MN	880	754	705	89.3	87.2	87.6	ŨŤ	310	344	403	98.6	98.2	
		534	485	88.3	88.4	86.9	NO.		149				101.3
		845	795	87.8		83.8	NV	140	149	155	97.1	93.4	101.3
The second second second second					83.8		***	****					
		117	119	82.1	85.9	87.5	Pac		5,593	5,725	91.4	88.4	90.2
SD	151	129	124	90.5	87.4	87.3	WA	785	758	750	93.6	91.0	90.0
NE	316	280	266	86.5	86.6	84.7	OR	478	465	448	91.8	88.5	88.0
KS	448	415	410	86.3	88.7	88.6	CA		4,118	4,256	91.4	88.0	90.6
Dian.	4 14	24.5		32.5	Land.	5-71	AK	89	87	107	84.2	94.0	97.3
So. Atl	7,102	6,671	6,514	90.8	87.4	89,9	HI	176	165	164	84.8	83,4	82.8
DE	127	99	93	90.4	79.5	82.3		1 4 3			20.00		

<sup>&</sup>lt;sup>1</sup> May include enrollment of 3 and 4 year olds in pretindergarten and kindergarten in some States.
<sup>2</sup> Percent of persons, 5-17 years. Based on estimated resident population as of July 1, 1975 and 1985, and enumerated resident population as of April 1, 1985.
<sup>3</sup> Estimated.

Source: U.S. Department of Education, Center for Education Statistics, Digest of Education Statistics, annual; and Statistics of Public Elementary and Secondary School Systems, annual.

#### 19. PUBLIC ELEMENTARY AND SECONDARY SCHOOL ENROLLMENT, BY GRADE: 1980 TO 1985

achool year; thereafter, as of fall of year. Beginning 1975, kindergarten includes nursery schools. For 1970-1985, clude ungraded, postgraduates, and special classes which are not prorated among grades. For 1880, enrollment figures alled and 12th grade includes postgraduates. See also Historical Statistics, Colonial Times to 1970, series H 420-424)

RADE				ENRO	LLMENT (	1,000)				PERCE	VT DISTRIB	UTION
ANDE	1960	1970	1971	1975	1980	1982	1983	1984	1985	1960	1980	1985
enrolled	36,087	45,909	46,081	44,791	40,987	39,652	39,352	39,293	39,513	100.0	100.0	100.0
ten and		100			had being	4,000	100	100				
8 1-8	27,602	32,577	32,265	30,487	27,674	27,156	26,997	26,918	27,047	76.5	67.5	68.5
rten	1 000	2,559	2,483	2,945	2,689	2,740	2,860	3,010	3,191	5.3	6.6	8.1
***************************************	3,733	3,814	3,570	3,236	2.894	2,937	3.080	3,113	3,239	10.3	7.1	8.2
	3,436	3,654	3,587	3,027	2,800	2,790	2,781	2,904	2,940	9.5	6.8	7.4
	3,302	3,662	3,612	3,038	2,908	2,763	2,772	2,765	2.894	9.2	7.1	7.3
****	3,146	3,676	3,623	3,112	3,115	2,798	2,758	2,772	2,770	8.7	7.6	7.0
	3,118	3,634	3,662	3,281	3,130	2,912	2,798	2,761	2,775	8.6	7.6	7.0
	3,070	3,599	3,622	3,476	3,038	3,142	2,928	2,823	2,787	8.5	7.4	7.1
	3,173	3,662	3,710	3,619	3,087	3,288	3,247	3,044	2,936	8.8	7.5	7.4
***************************************	2,701	3,601	3,635	3,636	3,091	3,123	3,222	3,186	2,979	7.5	7.5	7.5
12	8,485	13,332	13,816	14,304	13,313	12,496	12,355	12,375	12,467	23.5	32.5	31.6
Nininkeryninistra santures	2,412	3,652	3,781	3,879	3,380	3,248	3,330	3,439	3,438	6.7	8.2	8.7
***************************************	2 250	3,457	3,571	3,723	3,375	3,137	3,103	3,144	3,229	6.3	8.2	8.2
	2,063	3,127	3,200	3,354	3,195	2,916	2,861	2,819	2,867	5.7	7.8	7.3
	1,752	2,774	2,862	2,986	2,925	2,787	2,678	2,599	2,550	4.8	7.1	6.5

ients peak enrollment year.

U.S. Dept. of Education, Center for Education Statistics, Digest of Education Statistics, annual.

## B. PUBLIC ELEMENTARY AND SECONDARY SCHOOL TEACHERS—SELECTED CHARACTERISTICS: 1976 TO 1986

sent, except median. As of epring. Based on sample of all public school teachers and subject to sampling variability!

	· ·									
	197	76		1981				1980		
CHARACTERISTIC	Ele- mentary	Sec- ondary	Ele- mentary	Junior high <sup>1</sup>	Senior high	Ele- mentary	Junior high <sup>1</sup>	Senior high	Male	Fe- male
AGE		1								
sers oldsers oldsers old		3333	3.6 40.0 26.5 19.9	4.8 40.8 27.8 17.9	2.8 36.6 34.2 18.6	2.6 27.3 36.6 21.7	4.1 16.6 44.6 21.3	1.8 20.6 43.8	1.8 16.6 47.0 23.1	3.1 26.1 37.1 21.1
id and over	(NA)	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	9.2 .9 37	8.4 .3 36	8.6 .2 37	11.1 .7 30	10.8 .7 40	23.2 10.3 .5 41	11.0 .5 41	10.8
<b>SEX</b>	12.8 87.2	52.2 47.8	17.7 82.3	41.3 58.7	51.5 48.5	13.8 86.2	38.6 61.4	53.0 47.0	100.0	100.0
RACE			ľ						'	l
	69.7 9.6 8.7	91.8 6.6 • 1.5	90.8 8.4 .8	69.4 10.3 .3	94.0 5.3 .7	69.3 6.2 4.5	86.7 10.2 3.1	92.0 5.6 2.4	90.6 6.3 3.0	69.2 7.2 3.7
EDUCATION			ĺ					1		l
stor's degree or 6 year degree o pass competency test	29.3	53.8 44.5 (NA)	54.8 44.7 25.9	52.7 47.3 17.9	42.8 58.1 17.4	53.8 45.9 19.0	47.9 50.7 21.2	40.2 58.5 18.1	38.3 60.4 19.2	52.0 46.2 19.5
EXPENSICE		ŀ			ł	1				
ing experience of— 3 3 3 Series Serie	10.1 15.9 28.6 15.6 12.1 17.5 8 71.3	12.5 15.9 29.0 19.0 12.9 10.6 8 56.3	6.0 8.7 28.2 20.5 14.5 22.3 11 52.8	6.1 11.0 25.0 22.0 16.8 19.2 11 39.1	5.2 7.0 22.3 27.2 16.0 22.3 12 42.2	4.3 5.7 19.4 24.4 21.6 24.7 14 54.6	5.0 3.2 19.6 17.9 24.9 29.6 16 41.4	4.9 4.3 13.8 23.0 23.8 30.1 15 46.6	3.1 3.1 12.7 20.7 24.8 36.6 17 39.4	5.3 5.5 19.9 23.1 22.3 23.8 14 53.4
	15.1	22.6	30.4	41.5	40.1	25.8	38.3	34.5	42.2	28.2

t available. X Not applicable. I includes middle schools. Pror definition of median, see Guide to Tabular st. Does not include minorities of Spanish descent. I includes certainly would (would not) and probably would

National Education Association, Washington, DC, Status of the American Public School Teacher, 1975–76, 1980–81, and Copyright.)

130 Education

No. 211. Public Elementary and Secondary Schools—Number and Average Salary o Classroom Teachers, 1960 to 1987, and by State, 1987

[Estimates for school year ending in June of year shown. Schools classified by type of organization rather than by grade-group elementary includes kindergarten]

	TEAC	HERS!	1,000)	AVG. S	ALARY (	\$1,000)		TEAC	HERS!	(1,000)	AVG. S	ALARY (	\$1,
YEAR AND STATE	Total	Ele- men- tary	Secon- dary	All teach- ers	Ele- men- tary	Secon- dary	STATE	Total	Ele- men- tary	Secon- dary	All teach- ers	Ele- men- tary	S
1960 1970 1975 1976 1977	2,008 2,171 2,191 2,186	834 1,109 1,169 1,170 1,176 1,176	521 899 1,001 1,021 1,011	5.0 8.6 11.7 12.6 13.4 14.2	4.8 8.4 11.3 12.3 13.0	5.3 8.9 12.0 12.9 13.8	ME MD MA MI	38.2 56.8 80.2 41.0	28.5 8.5 18.0 22.5 52.0 20.3	15.0 4.4 20.2 34.4 28.2 20.7	21.3 21.3 28.7 28.4 31.5 29.1	21.0 20.8 27.9 25.9 31.3 28.5	
979	2,206	1,193	1,013	15.0	14.7	15.4	MS	48.9	15.3	11.6	19.6	19.3	
1981 1982 1983 1984 1985	2,192 2,158 2,135 2,142 2,174	1,196 1,200 1,184 1,187 1,209	996 959 951 955 966	17.6 19.3 20.7 21.9 23.6	17.2 18.9 20.2 21.5 23.2	18.1 19.8 21.3 22.6 24.2	MT NE NV NH NJ NM	17.6 7.9 10.3	6.6 9.4 4.2 6.2 44.0 8.1	3.1 8.1 3.7 4.1 30.5 6.8	23.2 22.1 26.0 21.4 28.9 24.0	22.6 21.1 25.5 21.4 28.6 23.2	
1986 1987, U.S.		1,239	971	25.2 26.7	24.7	25.8	NY	176.7 57.9	82.5 33.9	94.3 24.0	32.6 23.8	31.6 23.7	
AL AK	5.3	19.3 3.0 22.8	17.7 2.3 7.2	23.5 44.0 26.3	23.5 43.7 26.1	23.5 44.1 26.6	ND OH OK	36.6	5.0 53.1 18.8 15.8	2.9 42.9 17.8 10.0	21.8 26.3 22.1 26.8	21.7 25.9 21.4 26.4	
A	189.7	11.8 123.2 16.6	12.3 66.5 14.1	20.0 31.2 27.4	19.4 30.7 26.8	20.5 32.1 28.0	PA	8.7	48.0 4.4 22.2	53.2 4.3 12.2	27.4 31.1 23.0	27.4 30.8 22.4	
DE DC	5.9 5.6	20.1 2.8 3.5	13.7 3.0 2.2	28.9 27.5 33.8	28.5 26.7 33.8	29.6 28.2 33.8	SD	8.0 41.4	5.6 25.8 98.1	2.4 15.6 85.2	18.8 22.7 25.3	18.7 22.7 24.6	
3A H ,	57.4 8.4	52.1 35.5 4.5	41.5 22.0 3.9	23.8 24.2 26.8	24.1 23.8 26.8	23.1 24.6 26.8	VTVA	59.5	10.8 2.9 34.2	6.5 3.5 25.3	23.4 21.8 25.5	22.7 21.3 24.6	
D	100,3 51.7 30.4 27.0	5,4 66.6 26.5 14.4 15.2 23.0	4.9 33.7 25.2 16.0 11.8 11.5	21.5 28.4 25.7 22.6 23.6 22.6	20.8 27.3 25.1 21.7 23.4 22.1	22.3 30.6 26.3 23.4 23.6 23.7	WAWYWY	36.8	20.3 12.7 26.8 5.5	16.4 10.2 19.4 2.0	27.5 21.4 28.2 27.7	27.1 21.3 27.7 27.5	

<sup>&</sup>lt;sup>1</sup> Full-time equivalent.

No. 212. Average Starting Salaries of Public School Teachers Compared With Salaries
Private Industry, by Position: 1975 to 1987

[Except as noted, salaries represent what corporations plan to offer graduates graduating in the year shown with bachelors degrees. Based on a survey of approximately 200 companies]

POSITION	1975	1979	1900	1961	1962	1963	1964	1985	1902	1
Teachers 1	\$8,233	\$10,138	\$10,764	\$11,758	\$12,769	\$13,360	\$14,500	\$15,400	\$16,500	
College graduates:		1			1	1	1		1 .	l
Engineering	12,744	18,288	20,136	22,368	25,428	25,800	28.844	26,880	28.512	82
Accounting	11,880	14,748	15,720	16,980	18,648	19,476	20,172	20,628	21,216	2
Sales-marketing	10,344	13,092	15,936	17,220	18,372	18,648	19,620	20,616	20,666	2
Business administration	9,768	13,464	14,100	16,200	17,448	18.564	19.416	19,896	21,324	2
Liberal arts	9.312	12,744	13,296	15.444	15,924	18.264	19.344	18.828	21,080	B
Chemistry		15,816	17,124	19,536	21,492	22,344	24.192	24,216	24,264	2
Mathematics—statistics	10,980	15,000	17.604	18,600	21,516	21.696	22,416	22,704	23,978	Ĭ
Economics—finance	10,212	13,068	14,472	16.884	17,532	19,740	20,464	20.984	22,284	Ιž
Computer sciences	(NA)	15,432	17,712	20.364	22,260	23,208	24,864	24,158	26,172	Ì
Other fields	10,464	14,556	17,544	20,028	22,716	21,156	23,136	21,972	26,724	łż
INDEX (1975 = 100)	-				·	1			1	l
Teachers 1	100	123	131	143	155	162	176	187	200	1
College graduates:		1	Ì		ľ	1	1	l	1	Į
Engineering	100	144	158	176	200	202	211	211	224	ı
Accounting	100	124	132	143	157	164	170	174	179	1
Sales—marketing	100	127	154	166	178	180	190	199	200	ŀ
Business administration	100	136	144	166	179	190	199	204	218	1
Liberal arts	100	137	143	166	171	196	206	202	226	ł
Chemistry	100	133	144	164	181	188	203	203	204	i
Mathematics—statistics	100	137	160	169	196	196	204	207	218	i
Economics—finance	100	126	142	166	172	193	201	205	218	1
Computer science *		109	125	144	157	164	176	171	185	1
Other fields	100	139	188	191	217	202	221	210	256	ı

NA Not evallable. <sup>1</sup> Estimate. Minimum mean seleny. Source: National Education Association, Washington, DC, Estimate. School Statistics, annual (copyright). <sup>2</sup> Computer science index (1978 = 100).

Source: National Education Association, Washington, DC, Estimates of School Statistics, 1986-87. (Copyright © 1967 by the tional Education Association. All rights reserved.)

Source: Except as noted, Northwestern University, Evenston. IL., The Northwestern Endicott-Lindquist Report teague

# NO. 213. AVERAGE SALARY AND WAGES PAID IN PUBLIC SCHOOL SYSTEMS, BY SELECTED POSITIONS: 1975 TO 1987

[In dollars. For school year ending in year shown. Data reported by a stratified sample of school systems enrolling 300 or more pupils. Data represent unweighted means of average salaries paid school personnel reported by each school system]

POSITION	1975	1980	1981	1962	1963	1984	1985	1963	196
ANNUAL SALARY									
central office administrators:		İ							
Superintendent (contract salary)	30,338	39.344	43,001	48.864	50,260	52,493	56,954	60,707	64.5
Deputy/assoc. superintendent		37,440	41,117	44,777	47,404	48,507	52.877	57,190	60.2
Assistant superintendent	26,460	33.452	36.633	39.799	42,194	43,983	48.003	51,209	53.6
Administrators for:	20,400	30,432	30,000	30,700	72,107	-0,500	+0,000	31,200	
Finance and business	21,850	27,147	30,407	32,967	34.967	36,909	40.344	43,200	45.2
Instructional services	22,608	29,790	33,193	35,973	38.018	39,580	43,452	46,110	48.8
Public relations/information	21,470					32,203			
		24,021	26,514	26,506	30,720		35,287	37,329	38,9
Staff personnel services		29,623	32,552	35,192	38,201	39,857	44,182	46,269	48,0
Subject area supervisors	18,601	23,974	26,640	29,063	30,905	31,537	34,422	36,797	38,7
chool building administrators: Principals:									
Elementary	19.061	25,165	27.923	30,242	32,451	34.033	36,452	39.024	41.5
Junior high/middle	21,138	27.625	30,401	32.881	34,996	36,779	39,650	42,365	44.1
Senior high		29,207	32,231	34,776	37,602	39.334	42,094	44,986	47.
Assistant principals:	22,000	20,207	32,231	54,770	37,002	30,334	72,007	77,500	77,4
Elementary	15,986	20,708	23,118	25,331	27,419	26,087	30,496	32.895	34.3
Junior high/middle	17.868				29.746				
		23,507	26,045	26,176		31,257	33,793	36,094	37,9
Senior high	18,939	24,816	27,285	29,566	31,252	32,655	35,491	37,616	39,7
Classroom teachers	11,507	15,913	17,678	19,275	20,809	22,039	23,587	25,276	26,7
adlary professional personnel:			1						
Counselors	14,479	18,847	21,003	22.935	24.547	25,759	27.593	29.388	31.1
Librariana	12.546	18,764	18,689	20,496	22.040	23,173	24,961	26,668	26.3
School nurses	10,673	13,788	15,355	16,704	17,630	18,310	19,944	21,339	22.2
scretarial/clerical personnel.		· ·				1	i		
Central office:		l	i		1	l .			
Secretaries/stenographers	7040	40.004	44.500	40.740	40.000	44.000	45.040	40.000	
Secretaries/sieriographers	7,318	10,331	11,566	12,718	13,639	14,368	15,343	16,383	17,
Accounting/payroll clerks	7,588	10,479	11,868	12,720	13,676	14,522	15,421	18,604	17,
Clerk-typists	6,089	8,359	9,350	10,314	10,930	11,561	12,481	13,209	13,
School building level:			i						
Secretaries/stenographers	6,046	8,348	9,357	10,301	11,004	11,613	12,504	13,233	13,
Library clerks	5,052	6,779	7,573	8,272	8,467	8,969	9,911	10,412	10,0
HOURLY WAGE RATE									
ther support personnel. Teacher aides:									
Instructional	20-	400		4 00	مه ء		موءا		
	2.91	4.06	4.48	4.88	5.28	5.46	5.69	6.20	6
Noninstructional	2.81	3.69	4.29	4.70	5.01	5.22	5.60	5.91	
Custodians	3.54	4.88	5.35	5.95	6.23	6.49	6.90	7.28	7
Caletaria workers	2.61	3.78	4.17	4.57	4.87	5.09	5.42	5.76	5
Bus drivers	3.75	5.21	5.75	6.26	6.56	6.60	7.27	7.72	8

Source: Educational Research Service, Arlington, VA, National Survey of Salaries and Wages in Public Schools, annual, vols. 2 and 3. (All rights reserved. Copyright.)

### NO. 214. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—EMPLOYEES AND PAYROLLS OF STATE AND LOCAL GOVERNMENTS: 1980 TO 1985

[For October. Data are estimates, subject to sampling variability. For details, see source. See also Appendix III]

		EMPLOYE	ES (1,000	))			PA	ROLL		
			Ful	l-time				Full-time (	employee	
YEAR AND FUNCTION	Total Local govern- ment			Local	Total (mil.	Local govern- ment	Total	Local govern-	Av.	erage gs (dol.)
			Total	govern- ment	dol.)	(mil. dol.)	(mil. dol.)	ment (mil. dol.)	Total	Local govern- ment
1989: Total, public schools	36.6	4,848 50.7 3,149 1,899	3,798 36.8 2,764 1,035	3,782 50.8 2,751 1,030	5,522 37.5 4,324 1,196	5,496 52.6 4,303 1,192	5,181 37.6 4,182 999	5,157 52.3 4,163 994	1,364 102.0 1,513 965	1,384 103.1 1,513 985
1884: Total, public schools	36.8	4,947 51.6 3,202 1,745	3,828 36.9 2,762 1,068	3,810 51.0 2,749 1,081	7,275 36.8 5,646 1,828	7,239 51.9 5,620 1,619	6,805 36.8 5,443 1,362	6,771 51.6 5,418 1,354	1,778 100.0 1,971 1,277	1,777 101.0 1,971 1,276
1980: Total, public schools	4,994 36.5 3,306 1,868	4,969 51.3 3,291 1,678	3,911 37.0 2,832 1,079	3,892 51.4 2,819 1,073	7,839 36.7 6,158 1,661	7,800 51.9 6,129 1,671	7,340 36.8 5,929 1,411	7,303 51.7 5,901 1,402	1,877 99.6 2,093 1,308	1,676 100.5 2,093 1,306

Source: U.S. Bureau of the Ceneus, Public Employment, series GE, No. 1, annual.

No. 215. Public Elementary and Secondary School Price Indexes: 1975 to 1986

[1975=100. For years ending June 30. Reflects prices paid by public elementary-secondary schools. For explanation of average annual percent change, see Guide to Tabular Presentation]

			PERI	ONNEL C	OMPENS	ATION	a	ONTRACT	ED SERVI	CEB, BUPPLIE	8, AND E	QUIPMEN	т
YEAR	Index, total	Average annual percent change <sup>1</sup>	Total	Pro- fee- sional sale- ries	Non- pro- fee- sional sale- ries	Fringe bene- fits	Total	Serv- ices	Sup- plies and mate- rials	Equip- ment replace- ment	Li- brary mate- rials and text- books	Utili- ties	Fixed costs
1975 1976 1977 1976 1979	100 109 116 124 135	(x) 8.6 8.8 6.8 9.2	100 109 116 123 135	100 108 113 120 126	100 107 114 122 131	100 118 137 149 184	100 109 117 127 139	100 107 114 121 126	100 108 113 119 131	100 110 116 124 135	100 113 120 134 143	100 111 123 135 156	100 113 128 142 160
1960 1981 1962 1963 1964 1965	166 162	9.0 12.2 9.7 6.6 5.9 7.1 5.6	145 162 179 192 205 222 237	137 152 188 179 169 203 217	140 155 170 190 188 200 212	209 243 260 307 342 367 417	158 180 194 199 206 212 214	139 154 170 160 191 202 214	148 165 174 172 176 178 176	148 164 178 188 192 197 202	153 162 171 188 199 210 221	204 258 285 279 274 289 246	179 200 218 231 248 261 274

X Not applicable. <sup>1</sup> Change from immediate prior year shown.

Source: 1975-1982, U.S. National institute of Education, *Inflation Measures for Schools and Colleges, 1983*; beginning 1983, Research Associates of Washington, Washington, DC, *School Price Index*, annual.

No. 216. FINANCES OF PUBLIC SCHOOL SYSTEMS, 1980 TO 1985, AND BY ENROLLMENT-SIZE GROUP, 1985

[In millions of dollars, except percent. Data are estimates subject to sampling variability. For details, see source. Minus sign (-) indicates decrease. See also Appendix III]

			li	190	<b>16,</b> BY ENF	OLLMENT-	SIZE GROU	)P	
ITEM	1985, all school	1964, all school		ichool tems	50,000	25,000	15,000	7,500	Unde
	systems	systems	Total	Percent change 1	or more	49,9 <del>99</del>	24,999	10 14,969	7,500
General revenue *	101,970	133,450	145,375	8.9	26,500	12,615	12,377	22.306	71,41
Intergovernmental		70,986	76,218	10.2	15,033	7,370	7.055	12,386	36.37
From Federal government	1.645	1,291	1.373	6.4	249	104	102	224	30,31
From States	53.068	67.910	74,785	10.1	14,575	7.075	6,790	11,947	34.3
Federal aid distributed by	55,066	07,810	/-,/65	10.1	14,5/5	7,075	0,750	11,007	-
State governments	7.459	7.384			4 300		606	4 004	
Some governments	. /,409		7,546	2.2	1,799	686		1,084	3,37
From local governments	1,547	1,794	2,080	14.8	209	191	163	215	1,2
From own sources	45,692	62,454	87,157	7.5	11,535	5,245	5.322	10,008	36.0
Taxes	29.212	41.633	44.750	7.5	5,753	3,490	3,353	6.582	25.5
Drop orth.	20,212								
Property	26,069	40,340	43,539	7.9	5,462	3,382	3,266	6,406	25,0
Contribution from parent			II			l			
government	. 8,909	10,868	11,404	6.7	4,371	720	633	1,543	3,9
Charges and miscellaneous	. 7,670	10,133	11,003	8.6	1,411	1,035	1,136	1,863	5,6
Current charges	. 4,417	6,002	6,181	3.0	745	612	700	1,103	3,0
School lunch sales	. 2,003	2.497	2.804	4.3	341	240	230	440	1.3
Interest earnings	. 1,704	2.236	2,691	20.4	373	223	235	419	1,4
Other	. 1,489	1,896	2,132	12.5	293	200	201	361	1,0
leneral expenditure :		130,375	142.251	9.1	25.951	12,474	12,110	21,872	-
Intergovernmental	470	424	381	-10.1	30	4	5	46	2
Direct	100.063	129,952	141.871	9.2	25,921	12,470	12,108	21,824	88.6
Current operation		120,228	130,666	8.7	24,303	11.392	11,095	20.078	63.7
Salaries and wages		81,334	88.512	8.8	16.827	8,040	7.682	13.831	42.1
Capital outlay		7.281	8.684	19.3	1,302	827	758	1.320	4.4
Construction	5.228	4,207	5,181	23.2	1,302	526	480	611	23
Interest on debt	1.957	2.442	2.520		316	252	223	425	
**************************************	1,857	2,442	2,520	3.2	310	202	223	420	1,3
Direct expenditure a by level of instruction:	1		l l	1	ŀ	İ			
Elementary and secondary	92,113	119,927	131,306	9.5	24,704	11,104	10,492	19,780	86.2
Higher education	. 5000								30
ragner souccason	5,993	7,583	8,043	6.1	901	1,115	1,390	1,619	3,0
lebt outstanding 4	. 39.965	36,140	36,758	1.8	4.713	3,781	3.270	8,196	18.8
Long-term	35,406	34,406	34,994	1.7	4,702	3,620	3,199	3777	17.
Short-term		1,732	1,806	42	7,702	162	3,170	392	1.1
ong-term debt leaued		3.169		69.8	993	804	586	1,136	2
ong-term debt retired	2,901		8,054						
Org-10111 0001 100/00	2,997	3,721	5,536	48.8	826	741	614	985	2,3
cash, security holdings, excl.	l	l	II	٠	l	l	l		
employee-retirement 3	18,733	22,749	27,902	14.3	3,974	2.367	2,370	4,286	14.8

<sup>&</sup>lt;sup>1</sup> Change from 1984. <sup>2</sup> Excludes interschool system transactions. <sup>2</sup> For current operation and capital outlay. <sup>4</sup> As and of fiscal year.

Source: U.S. Bureau of the Ceneus, Finances of Public School Systems, series GF, No. 10 annual.

### 17. PUBLIC ELEMENTARY AND SECONDARY SCHOOL ESTIMATED FINANCES, 1970 TO 1987, AND **BY STATE, 1987**

[In millions of dollars, except as noted. For school years ending in June of year shown]

			RECE	IPT8					EXPEND	TURES		
		F	levenue	receipte					Currer	nt expendit	ures	Π
AND STATE			T	Source		Non-		Per	Elem.	Averag pupil in	e per	Cap-
	Total	Total	Fed- eral	State	Local	ceipts ;	Total <sup>a</sup>	cap- ita <sup>s</sup> (dol.)	and sec- ondary day schools	Amount (dol.)	Rank	out- lay
	41,621 66,319 101,724 117,776 125,432 133,334 146,608 157,620	36,192 63,047 97,636 113,999 120,759 126,929 141,010 151,333	2,787 5,086 9,020 8,419 8,623 8,602 9,263 9,787	15,626 27,472 47,929 54,573 57,558 61,004 69,139 75,332	19,797 30,486 40,686 51,007 54,579 58,524 62,586 66,214	3,429 3,273 4,060 3,777 4,673 4,405 5,586 6,287	39,091 62,340 96,105 113,005 119,158 128,712 136,736 150,915	194 292 428 492 514 541 567 632	32,683 53,333 85,661 102,048 108,773 116,082 126,857 137,605	773 1,266 2,230 2,753 2,960 3,181 3,475 3,755	8888888	4,156 5,409 6,504 6,404 6,131 6,281 7,296 8,555
104ai	197,586	160,908	9,960	80,433	70,517	6,861	100,479	900	146,244	3,270	Ø	9,341
**************************************	1,934 999 1,515 1,295 17,892	1,823 907 1,515 1,249 17,769	238 48 126 115 1,308	1,266 702 965 793 12,172	319 159 402 340 4,292	110 82 - 46 123	1,994 968 1,594 1,266 17,287	492 1,809 480 543 641	1,802 847 1,420 1,137 18,130	2,810 8,842 2,784 2,795 3,751	47 1 45 44 26	161 60 106 117 628
cut	2,820 2,646 459 410 6,968	2,545 2,647 451 410 6,682	111 115 36 26 492	996 1,069 310 - 3,557	1,437 1,463 106 384 2,643	275 (z) 8 - 274	2,342 2,647 440 432 6,701	717 630 695 860 574	2,123 2,493 413 406 6,037	4,129 5,562 4,776 5,349 4,055	17 5 7 (x)	140 94 12 11 611
	3,363 707 596 7,653 3,701	3,365 707 563 7,416 3,616	287 58 40 550 135	1,896 648 342 2,966 2,129	1,193 1 190 3,861 1,352	8 - 35 238 85	3,485 705 584 6,758 3,335	573 604 583 585 608	3,153 663 513 6,270 2,976	3,167 4,372 2,555 3,980 3,379	39 13 46 20 34	283 22 59 216 291
	1,798 1,713 2,002 2,797 780	1,788 1,691 1,947 2,620 756	96 83 213 287 54	762 733 1,352 1,394 368	907 875 362 940 313	30 22 145 177 25	1,788 1,751 1,963 2,593 780	627 712 526 576 666	1,679 1,541 1,790 2,314 718	3,740 4,137 3,107 3,237 3,660	27 16 40 36 28	93 132 123 183 34
apl	3,184 3,845 6,620 3,191 1,345	3,164 3,841 6,570 3,091 1,275	188 215 226 127 210	1,244 1,723 2,227 1,777 700	1,753 1,903 4,116 1,188 365	20 4 50 100 70	3,150 3,956 6,561 3,204 1,333	708 678 717 760 496	2,880 3,699 8,101 2,825 1,200	4,659 4,856 3,954 4,241 2,534	10 6 21 14 49	212 181 185 257 45
npehire	2,850 693 932 573 639	2,766 679 910 566 601	160 53 49 26 21	1,111 334 249 239 38	1,494 292 612 302 542	85 14 22 7 38	2,653 632 922 616 543	523 772 577 640 529	2,408 567 894 538 503	3,345 4,070 3,437 3,768 3,366	35 18 32 25 33	169 48 38 63 30
ico trolina kota	6,966 1,019 15,464 3,576 404	6,850 964 15,103 3,567 398	266 103 684 235 32	2,937 764 6,605 2,264 214	3,645 116 7,813 1,056 153	116 35 361 16 6	6,526 1,163 15,275 3,576 397	857 786 869 565 565	6,302 903 14,563 3,521 359	6,120 3,537 6,299 3,473 3,209	30 2 31 37	71 201 410 55 27
snie.	7,436 1,775 1,846 9,394 576	6,880 1,865 1,837 8,290 576	320 90 103 355 24	3,100 1,100 510 3,789 223	3,240 475 1,224 4,146 328	775 110 9 1,105	8,751 1,769 1,859 8,108 576	626 535 699 682 591	6,249 1,490 1,780 7,299 565	3,769 2,701 4,236 4,752 4,574	24 46 15 8 11	368 228 60 291 5
roline	2,054 432 2,418 13,922 1,237	1,936 417 2,320 12,480 1,154	183 45 241 831 66	1,133 112 1,169 5,717 640	820 260 910 5,932 448	118 15 96 1,442 83	1,935 417 2,357 12,788 1,166	573 569 491 786 712	1,720 378 2,190 10,672 961	3,005 3,190 2,842 3,584 2,455	41 38 43 29 50	123 26 79 1,657 160
ionjinia	379 3,932 3,172 1,236 3,545 764	379 3,870 3,126 1,210 3,463 723	24 211 180 106 162 19	138 1,314 2,317 760 1,190 297	217 2,345 631 322 2,092 407	62 44 28 82 61	390 3,667 3,490 1,075 3,432 730	721 634 782 560 717 1,440	370 3,486 2,599 971 3,194 598	4,459 3,809 3,809 2,959 4,701 6,229	12 22 23 42 9	102 565 52 132 106

presents zero. X Not applicable. Z Less than \$500,000. 

Amount received by local education agencies from soft bonds and real property and equipment, loans and proceeds from insurance adjustments. 

Includes interest on labt and other current expenditures not shown separately. 

Based on Bureau of the Census estimated recident is, as of July 1, the previous year. 

Average deby attendance.

R National Education Association, Washington, DC, Estimates of School Statistics, annual (copyright), and unpublished

## No. 216. SCHOOL LIBRARY MEDIA CENTERS (LMC)—EXPENDITURES, COLLECTION SIZE AND MICROCOMPUTERS, BY SELECTED CHARACTERISTIC: 1966

[For school year ending in June. Based on sample survey of approximately 33,000 school library subscribers to *The School Library Journal*. Except as indicated, figures are medians. For definition of median, see Guide to Tabular Presentation. For composition of regions, see inside front cover]

	PER F	UPIL EXPE (dol.)	NOITURES		COLLECT	ION SIZE		COMPU	
CHARACTERISTIC			Audio-	Во	oks	Audio-vieuals			
	Books	Peri- odicals	Audio- visual material	Total	Per pupil	Total	Per pupil	Total	LMC's
Level of schoot:									
Elementary	3.65	.87	2.07	8.000	19	1.080	2.40	12.8	3.6
Junior high		1.47	1.98	10,329	15	665	1.57	26.2	4.0
Senior high	5.41	2.04	1.75	12,557	15	1,000	1.12	34.3	3.4
Other	4.21	1.27	1.71	10,000	17	600	1.47	21.6	3.7
School enrollment:	1	l	l	1			İ	1	
Less then 300 students	6.77	2.83	2.09	6,785	28	409	1.96	13.0	9 0
300 to 499 students		1.40	2.54	8.000	20	598	2.29	14.1	2.8 3.5
500 to 699 students	4.16	1.29	1.82	10,000	17	1,000	1.77	20.2	3.6
700 to 999 students	4.07	1.12	1.92	10,670	13	1.090	1.20	25.6	4.0
1,000 to 1,999 students		1.16	1.59	15,000	12	1.536	1.16	43.7	3.1
Over 2,000 students.	4.57	1.04	1.63	23.000	ة ا	2,150		51.3	6.7
•	1 7.0			20,000	•	_,	_ <del>~</del> .	""	٠
Region of schoot:	l	۱ . ـــ	l					1	۱
Northeast	5.73	1.60		10,500	19	1,086	1.94	25.2	2.9
Midwest	5.07	1.78		10,000	19	867	1.61	22.3	4.6
South		.95	1.65	9,580	14	1,162	1.75	20.3	3.2
West	4.13	1.14	1.94	9,300	15	600	.85	27.6	3.5
Schools:	1	I	i	l	l	l	l	1	l
With district media coordinator	(NA)	(NA)	(NA)	10.000	15	1,162	1.79	24.0	3.6
With no district media coordinator	(NA)	(NA)	I (NA)	9.700	16	823	1.46	21.8	3.6

NA Not evallable. 

<sup>1</sup> Mean number of micros in schools with micros. For definition of mean, see Guide to Tabular Presentation.

Source: R.R. Bowker, New York, NY, "Expenditures for Resources in School Library Media Centers FY '85-'86," by Marilyn L. Miller and Barbara B. Moren, School Library Journal, June/July, 1987. (Copyright.)

#### No. 219. Instructional Use of Computers in Elementary and Secondary Schools: 1985

[Includes microcomputers and terminals used by students at achool for any achool subject or activity. Based on stratified national probability sample of 2,331 public, private, and perochial achools between January and June 1965]

'				EMENTAR		1	BECONDAR	Υ
ПЕМ	Unit	Total	Grade stx	Grade eight	Grade twelve	Middle and Junior high	Combi- sation Junior- Senior high	High
ALL SCHOOLS								
Computers used for instruction	Percent	1,034 88 24	303 85 12	109 61 9	49 72 11	182 95 47	64 90 45	327 97 66
SCHOOLS USING COMPUTERS FOR INSTRUCTION					ļ	•		
Yeer <sup>1</sup> first computer obtained	Number	1982 8 42	1983 6 60	1983 5 41	1983 6 26	1982 14 41	1 <b>982</b> 14 25	1960 21 31
Clearcorne	Percent	44	76 30 31	67 43 17	81 46 14	70 62 32	81 52 32	82 88 33
Percent of all instructional computers in— Claseroom	Percent	49	40 40 13	36 46	47 44 3	27 62	37 53	36 51
Percent of computer claserooms with 3 or more			10	13	20	27	30	44
computers Median number of computers in— Clasercom Laboratory	Number	1	1 8	1 7	1 7	2	2	3
Library	Number	1 -	2	4	1	2	2	
Minutes <sup>1</sup> of use per student per week	Percent Number	26 50	30 35	42 40	26 60	25 65	22 60	106
Orill and practice	. Percent	. 33	56 12 9	49 19 6	39 31 16	30 32 15	25 40 20	4

<sup>&</sup>lt;sup>1</sup> Median. For definition, see Guide to Tabular Presentation.
<sup>2</sup> Mean. For definition, see Guide to Tabular Presentation.
Source: Center for Social Organization of Schools, Johns Hopkins University, Baltimore, MD, Instructional Uses of Schools Computers: Reports from the 1985 National Survey, 1986, and unpublished data.

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## No. 220. MICROCOMPUTERS FOR STUDENT INSTRUCTION IN ELEMENTARY AND SECONDARY SCHOOLS: 1981 TO 1988

[As of fall for public schools; as of mid-winter of the previous year for private schools. Public school data based on surveys of every school district and all public schools. Private school data based on surveys of all Catholic and private schools. For datalis, see source]

				P	UBLIC S	CHOOLS					P	RIVATE	SCHOOL	1
	Numb	er of sch	ools (1,0	(000	Pe	rcent with	micro	8	Number	Stu-	Num-	Per-	Num-	Stu-
YEAR	Total 1	Ele- mentary	Junior	Sen- ior	Total	Ele- mentary	Jun- ior	Sen- ior	of micros <sup>2</sup> (1,000)	dents per micro <sup>a</sup>	ber of schools (1,000)	with mi- cros	cros a (1,000)	dents per micro
1981	84.2 82.4 81.5 81.1 80.8 80.5	53.3 51.9 51.3 51.0 50.8 50.7	10.1 9.9 9.8 9.8 9.7 9.7	15.6 15.3 15.2 15.2 15.1 15.1	18.2 30.0 68.4 85.1 92.2 95.6	11.1 20.2 62.4 82.2 91.0 94.9	25.6 39.8 80.5 93.1 97.3 98.5	42.7 57.8 86.1 94.6 97.4 98.7	(NA) (NA) 324.4 569.8 842.6 1,081.9	(NA) (NA) 92.3 63.5 45.5 36.5	(NA) (NA) 22.8 24.4 23.4 22.7	(NA) (NA) 23.8 53.0 70.3 77.1	(NA) (NA) (NA) 82.2 101.2 129.2	(NA (NA (NA 56.2 41.6 33.7
Students	1,081.9	452.5	185.8	394.2	(x)	(x)	(x)	(x)	(x)	(x)	129.2	(x)	(x)	(x
micro 3	36.5	43.7	32.9	31.1	(x)	(x)	(x)	(x)	(x)	(x)	33.7	(x)	(x)	(X

NA Not evallable. X Not applicable. <sup>1</sup> Includes other achools, not shown separately. <sup>2</sup> Includes estimates for schools not reporting number of micros.

Source: Market Data Retrieval, Shelton, CT, Microcomputers in Schools, 1986-87, (copyright), and unpublished data.

## NO. 221. PUBLIC ELEMENTARY AND SECONDARY STUDENTS IN EDUCATIONAL PROGRAMS FOR THE HANDICAPPED, BY TYPE OF HANDICAP: 1977 TO 1986

[For achool year ending in year shown. For persons under 22 years old. Funds appropriated are for three grant programs based on the counts of handicapped children. Education of handicapped children in State operated or supported schools; handicapped State grants; and handicapped pre-school incentive grants.

ITEM	1977	1979	1970	1980	1981	1982	1963	1984	1985	1980
Federal funds appropriated (mil. dol.)	377.8	700.5	953.9	1,044.5	1,055.8	1,101.3	1,169.4	1,241.7	1,314.3	1,335.7
All conditions (1,800)	3,503	3,751	3,503	4,960	4,142	4,196	4,296	4,296	4,315	4,317
PERCENT DISTRIBUTION							i			
Learning disabled Speech Impered Mentally retarded Emotionally disturbed Hard of hearing and deaf Orthopedically handicapped Other health impered Visually handicapped Multihandicapped Deaf-blind.	21.5 35.3 26.0 7.8 2.4 2.3 3.8 1.0 (NA)	25.7 32.6 24.9 7.7 2.3 2.3 3.6 .9 (NA)	29.1 31.2 23.2 7.7 2.2 1.8 2.7 .8 1.3	31.9 29.6 21.7 8.2 2.0 1.6 2.6 .8 1.5	35.3 26.2 20.0 8.4 1.9 1.4 2.4 .8 1.6	38.6 27.0 18.7 8.1 1.8 1.4 1.9 .7 1.7	40.9 26.6 17.8 8.3 1.7 1.3 1.2 .7 1.5	42.0 26.2 16.9 8.4 1.7 1.3 1.2 .7 1.5	42.4 26.1 16.1 8.6 1.6 1.3 1.6 .7 1.6	43.1 26.1 15.3 8.7 1.5 1.3 1.3 .6 2.0 (z)

NA Not evallable. Z Less than .05 percent.

Source: U.S. Dept. of Education, Office of Special Education Programs, Annual Report to Congress.

# NO. 222. PUBLIC ELEMENTARY AND SECONDARY STUDENTS IN EDUCATIONAL PROGRAMS FOR THE HANDICAPPED, BY TYPE OF HANDICAP AND EDUCATIONAL ENVIRONMENT: 1985

[In thousands, except percent. For persons 3 through 21. See headnote, table 221]

		N	UMBER SER	VED IN-			PERCENT SERVED IN-				
CONDITION	Total served	Regular classes	Sepa- rate classes	Sepa- rate schools	Other	Total	Regu- lar classes	Sepe- rate classes	Sepa- rate schools	Other	
All conditions	4,302.5	2,944.9	1,020.8	308.1	28.8	100.0	68.4	23.7	7.2	.7	
Learning deabled Speech Impaired Mentally retarded Emotionally disturbed Hard of hearing and deaf Mutthandicapped Orthopedically handicapped Other health Impaired Visually handicapped Deaf-blind	1,128.2 681.3 373.3 69.8 68.5 61.4 72.8	1,406.3 1,026.5 223.9 172.0 31.3 11.3 20.0 35.7 17.5	382.1 55.0 361.1 124.1 21.3 30.2 17.3 23.9 5.2	39.1 39.5 93.6 71.3 16.8 25.8 10.3 5.3 5.2 1.2	1.5 5.2 2.8 5.9 .4 1.1 3.8 7.9 .2 (z)	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	76.9 91.1 32.9 48.1 44.9 16.5 38.9 49.0 62.3 20.4	20.9 4.9 53.0 33.3 30.5 44.1 33.6 32.8 18.7 23.7	2.1 3.5 13.7 19.1 24.1 37.7 20.1 7.3 18.4 54.2	.1 .5 .4 1.6 .5 1.6 7.4 10.9 .6	

Z Fewer than 50.

Source: U.S. Dept. of Education, Office of Special Programs, Annual Report to Congress.

NO. 223. CATHOLIC ELEMENTARY AND SECONDARY SCHOOLS: 1960 TO 1986

[As of October 1. Regular sessions only. See also Historical Statistics, Colonial Times to 1970, series H 535-544]

ITEM	Unit	1900	1900	1970	1975	1900	1982	1900	1984	1900	1988
Elementary schools	1,000 1,000	10,501 4,373 108 79 29	10,679 4,492 120 76	9,382 3,359 112 52 80	8,340 2,525 99 35	8,043 2,269 97 25 72	7,950 2,225 97 22 75	7,937 2,180 99 21 76	7,891 2,120 100 20 80	7,806 2,057 97 18 79	7,709 2,007 94 17
Secondary schools	Number 1,000 1,000	-	2,413 1,082 57 38 19	1,981 1,008 54 28 26	1,653 880 50 20 30	1,516 837 49 14 35	1,482 801 49 13 36	1,464 786 48 12 36	1,449 782 50 12 36	1,430 762 50 11	1,411 728 46 10 38

Source: National Catholic Educational Association, Washington, DC, A Statistical Report on Catholic Elementary and Secondary Schools for the Years 1987–88 to 1989–70, and U.S. Catholic Schools, 1973–74, and National Catholic Educational Association/Ganley's, Catholic Schools in America, annual. (Copyright.)

NO. 224. CHARACTERISTICS OF PRIVATE ELEMENTARY AND SECONDARY SCHOOLS AND TEACHERS, BY LEVEL AND AFFILIATION OF SCHOOL: 1986

[For school year ending in year shown. Based on survey and subject to sampling error; for details, see source. For similar data on public school teachers, see table 210]

			LEVEL OF	SCHOOL		RELIG	IOUS AFFILL	ATION
ITEM	Total	Elemen- tary	Second- ary	Com- bined	Other	Catholic	Other	None
Number of schools	25,616	15,303	2,438	4,940	2,000	9,911	10,771	4,99
PERCENT DISTRIBUTION			i					
fears in operation:								
10 years or less	25.5 50.3	20.2 63.3	9.9 62.6	41.4 21.9	39.2 20.0	1.7 84.1	45.2 29.3	30. 28.
Vinority enrollment:	55.5							
Less than 5 percent		45.1	27.8	37.1	18.7	45.8	40.5	21.
5 to 14 percent	22.4	19.8	36.1	23.4	22.9	20.4	20.9	29.
15 to 24 percent	10.6 10.0	7.7 7.8	14.4 11.8	11.6 5.1	21.1 28.6	8.9 7.2	12.7 8.4	9. 19.
50 to 69 percent		9.2	4.4	18.2	4.6	6.3	12.1	12
90 percent or more		10.4	5.4	4.6	4.1	11.5	5.4	7
Innual tultion:								
Less then \$500		18.8	4.8	5.4	1.1	25.6	6.3	1
\$500 to \$1,000 \$1,001 to \$1,500		35.1 29.1	4.4	29.6	5.0 9.3	37.1	30.8 30.7	17
\$1,501 to \$2,500		8.3	34.4 26.7	22.7 18.0	31.8	25.7 7.7	20.7	16
More than \$2,500	18.2	8.8	27.8	24.4	52.9	3.9	11.9	64
fean enrollment	234	216	541	211	94	363	142	17
tumber of teachers <sup>1</sup> (1,000)	404	198	83	96	35	185	127	1
PERCENT DISTRIBUTION					ŀ			
lge: Under 30	24.0	25.2	18.0	22.3	36.3	21.9	27.2	23
30 to 39 years old	37.6	36.2	39.2	38.1	40.4	36.7	37.8	30
40 to 49 years old	23.2	23.2	25.0	25.5	13.0	23.6	21.8	24
50 to 59 years old	10.5	10.3	12.3	10.5	7.9	11.8	9.6	9
60 years old and over	4.6	5.1	5.6	3.6	2.4	6.0	3.6	1
Fornele		10.3 89.7	48.6 51.5	29.9 70.1	25.4 74.6	(NA) (NA)	(NA)	8
lace:			1		'""	,4	V-4	
White, non-Hispanic	92.2	91.1	95.0	92.6	91.1	93.5	91.9	90
Black, non-Hispanic	3.8	4.8	1.4	3.3	5.0	2.5	4.0	1
Hispanic	2.9	2.9	2.9	3.3	2.4	3.4	2.9	1
ducation: Bachelor's		74.1 19.8	48.5	58.0 32.0	62.5	68.7	63.6 26.4	56 35
Master's	29.4	19.0	48.6	32.0	29.9	29.5	20.4	-
experience:		ll				l		
Less than 5 years	24.8	25.2	18.6	23.7	40.6	20.8	27.5	2
5 to 9 years		27.7 47.1	22.6 58.8	29.2 47.1	27.5 31.9	24.5 54.8	30.7 41.8	2
verage salary: *						1		i
Bese selery	\$14,400	\$12,900	\$17,100	\$14,900	\$14,900	\$13,900	\$13,600	\$16,0
Earned Income	\$15,600	\$13,700	\$19,000	\$16,500	\$16,600	\$15,100	\$14,800	\$18,0

<sup>&</sup>lt;sup>1</sup> Full- and part-time. <sup>2</sup> Full-time teachers with salaries.

Source: U.S. Dept. of Education, Center for Education Statistics, Digest of Education Statistics, 1967.

# No. 225. SCHOLASTIC APTITUDE TEST (SAT) SCORES AND CHARACTERISTICS OF COLLEGE BOUND SENIORS: 1967 TO 1966

[For school year ending in year shown]

TYPE OF TEST AND CHARACTERISTIC	Unit	1967	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
TEST SCORES 1			-		1							1
Verbal, total <sup>2</sup>	Point	466	460	434	427	424	424	426	425	426	431	431
Male.	Point	463	459	437	431	428	430	431	430	433	437	437
Female	Point	468	461	431	423	420	418	421	420	420	425	426
Math, total 2	Point	492	488	472	467	466	466	467	468	471	475	475
Male	Point	514	509	495	493	491	492	493	493	495	499	501
Female	Point	467	465	449	443	443	443	443	445	449	452	451
PARTICIPANTS	15.5		1	1	1		-31	100	100	2.0		1
Total	1,000	(NA)	(NA)	996	992	992	994	989	963	965	977	1,001
Male	Percent	(NA)	(NA)	49.9	48.3	48.2	48.0	48.1	48.2	48.2	48.3	48.1
White	Percent	(NA)	(NA)	86.0	82.9	82.1	81.9	81.7	81.1	80.3	81.0	(NA)
Black	Percent	(NA)	(NA)	7.9	8.9	9.1	9.0	8.9	8.8	9.1	7.5	(NA)
Obtaining scores i of— 600 or above:											1	
Verbal	Percent	(NA)	(NA)	7.9	7.7	7.2	7.0	7.1	6.9	7.3	7.9	7.9
Math	Percent	(NA)	(NA)	15.6	15.0	15.1	14.4	15.3	15.9	16.7	17.1	17.9
Below 400:					100	1	1000	1	C-22	+1.50	(2.57.3)	66
Verbal	Percent	(NA)	(NA)	37.8	40,7	41.8	41.6	40.2	41.1	40.2	39.4	38.2
Math	Percent	(NA)	(NA)	28.5	29.9	30.2	29.5	29.5	30.1	29.1	28.2	28.0
Selected intended area of study:	100		100	50.0		7.7	1	17	TOU	1.0	(C) (	140
Business and commerce	Percent	(NA)	(NA)	11.5	17.8	18.6	18.5	18.7	18.5	19.1	21.0	(NA)
Engineering	Percent	(NA)	(NA)	6.7	10.1	11.1	11.8	12.6	12.5	12.0	11.7	(NA)
Social science	Percent	(NA)	(NA)	7.7	8.2	7.8	7.4	7.2	7.2	7.3	7.5	(NA)
Education	Percent	(NA)	(NA)	9.1	6.5	6.1	5.7	5.0	4.5	4.6	4.7	(NA)
SAT average 1 by high school rank:	1			6.7	100	Cia.	200	77.		1.16	100	1
Top tenth	Point	(NA)	(NA)	(NA)	541	539	539	540	539	543	547	547
Second tenth	Point	(NA)	(NA)	(NA)	471	470	472	473	473	477	482	481
Second fifth	Point	(NA)	(NA)	(NA)	432	431	433	435	435	438	442	440
Third fifth	Point.	(NA)	(NA)	(NA)	386	386	387	389	389	392	396	396

NA Not available. <sup>1</sup> Minimum score, 200; maximum score, 600. <sup>2</sup> 1967 and 1970 are estimates based on total number of persons taking SAT.

Source: College Entrance Examination Board, New York, NY, National College-Bound Seniors, annual. (Copyright.)

# No. 223, AMERICAN COLLEGE TESTING (ACT) PROGRAM SCORES AND CHARACTERISTICS OF COLLEGE-BOUND STUDENTS: 1970 TO 1986

[For academic year ending in year shown. Except as indicated, test scores and characteristics of college-bound students. Data based on sample]

TYPE OF TEST AND CHARACTERISTIC	Unit	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
TEST SCORES 1		-	4	-		-		13		1		
Composite	Point	19.9	18.6	18.5	18.6	18.5	18.5	18.4	18.3	18.5	18.6	18.8
Male	Point		19.5	19.3	19.3	19.3	19.3	19.2	19.1	19.3	19.4	19.6
Female	Point	19.4	17.8	17.8	17.9	17.9	17.8	17.8	17.6	17.9	17.9	18.1
English	Point	18.5	17.7	17.9	17.9	17.9	17.8	17.9	17.8	18.1	18.1	18.5
Male	Point	17.6	17.1	17.4	17.4	17.3	17.3	17.3	17.3	17.5	17.6	17.9
Female	Point	19.4	18.3	18.3	18.4	18.3	18.2	18.4	18.2	18.6	18.6	18.9
Math	Point	20.0	17.6	17.5	17.5	17.4	17.3	17.2	16.9	17.3	17.2	17.3
Male	Point	21.1	19.3	19.1	19.1	18.9	18.9	18.6	18.4	18.6	18.6	18.8
Female	Point		16.2	16.2	16.2	16.2	16.0	16.0	15.7	16.1	16.0	16.0
Social studies	Point	19.7	17.4	17.1	17.2	17.2	17.2	17.3	17.1	17.3	17.4	17.6
Male	Point	20.3	18.7	18.0	18.1	18.2	18.3	18.1	18.0	18.1	18.3	18.6
Female	Point	19.0	16.4	16.4	16.4	16.4	16.4	16.6	16.4	16.5	16.6	16.9
Natural science	Point	20.8	21.1	20.9	21.1	21.1	21.0	20.8	20.9	21.0	21.2	21.4
Male	Point	21.6	22.4	22.3	22.3	22.4	22.3	22.2	22.4	22.4	22.6	22.7
Female	Point	20.0	20.0	19.8	20.2	20.0	20.0	19.7	19.6	19.9	20.0	20.2
PARTICIPANTS 2	C. C.		067		T/A	Ye.	100	Ce	157		1.7	155
Total	1,000	788	714	770	780	822	836	805	835	849	739	730
Male		52	46	45	45	45	45	45	46	46	46	46
White	Percent	(NA)	77	76	84	83	83	83	82	82	82	82
Black		4	7	7	8	8	В	8	9	9	8	8
Obtaining composite scores of-	0.00			1	1 3	0.75		100	1.3	120		100
26 or above	Percent	14	14	13	13	13	13	13	13	13	14	14
15 or below	Percent	21	33	34	33	33	33	34	35	33	32	31
Planned educational major:			150	150		1	S. E.			1.20		1 3
Business s	Percent	18	21	18	20	20	19	19	18	19	21	22
Engineering	Percent	8	6	8	8	8	10	11	10	9	9	9
Social science 1	Percent	10	9	7	6	6	6	6	- 6	7	7	8
Education	Percent	16	12	9	9	9	7	6	6	6	6	7

NA Not available. 

1 Minimum score, 1; maximum score, 36.

2 Beginning 1985, data are for seniors who graduated in year shown and had taken the ACT in their junior or senior years.

2 Includes political and persuasive (e.g. seles) fields through 1975; thereafter, business and commerce.

3 Includes religion through 1976.

Source: The American College Teeting Program, lowe City, IA, High School Profile Report, annual.

138 Education

## No. 227. Public High School Districts—Mean Number of Credits Required for Graduation: 1982 to 1988

(For achool yeer ending in yeer shown. A credit is a class scheduled for a minimum of 200 minutes per week (275 for a laboratory class) for 36 weeks. Credits have been converted to a 4-yeer base. Based on survey and subject to sampling error; see source for details. For definition of mean, see Guide to Tabular Presentation)

		Dis-	ENR	OLLMENT !	SIZE		REG	ION	
SUBJECT AND YEAR	NCEE 1 recommen- dations	tricts with high schools	Less than 2,500	2,500 to 9,999	10,000 and over	North Atlan- tic <sup>3</sup>	Great Lakes and Plains 3	South- east 4	West and South- west <sup>5</sup>
Total:				-				1	
1962	(x)	19,7	19.8	19.5	19.7	19.0	19.4	19.0	21.
1985	(x)	20.3	20.4	20.0	20.2	19.6	19.9	19.8	21.6
1988 6	(x)	21.0	21.1	20.8	21.2	20.4	20.6	20,9	22.
English 7		(x)	(x)	(x)	(x)	(x)	(x)	(x)	3.6
1982	(x)	3.6	3.6	3.7	3.6	4.0	3.4	3.9	3.6
1985		3.8	3.8	3.8	3.7	4.0	3.6	3.9	3.
1988 *	(x)	3.9	3.9	3.9	3.8	4.0	3.7	4.0	3.9
Mathematics	3.0	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x
1982	(x)	1.6	1.7	1.6	1.7	1.7	1.4	1.8	1.8
1985	(x)	1.9	1.9	1.8	2.0	1.9	1.7	2.2	2.
1988 •		2.3	2.3	2.3	2.4	2.4	2.0	2.6	2.5
Science	3.0	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x
1982		1.5	1.6	1.4	1.4	1.5	1.4	1.6	1.0
1985		1.8	1.8	1.6	1.7	1.7	1.6	1.8	2.
1988 6	(x)	2.0	2.0	2.0	2.1	2.2	1.8	2.2	2.
Social studies	3.0	(x)	(x)	(x)	(x)	(x)	(x) 2.5	(x)	2
1982	(x)	2.6	2.6	2.7	2.6	3.1	2.5	2.4	2.0
1985	(x)	2.8	2.8	2.7	2.8	3.1	2.7	2.5	2.
1988 6	(x)	2.9	2.9	2.8	2.9	3.2	2.8	2.7	2.

X Not applicable. 

National Commission on Excellence in Education.

Includes CT, DE, DC, ME, MD, MA, NH, NJ, NY, PA, RI, and VT.

Includes IL, IN, IA, KS, MI, MN, MO, NE, ND, OH, SD, and WI.

Includes Includes AK, AZ, CA, CO, HI, ID, MT, NY, NM, OK, OR, TX, UT, WA, and WY.

Expected.

Source: U.S. Dept. of Education, Center for Education Statistics, Fast Response Survey System, No. 23, Academic Requirement.

No. 228. PUBLIC HIGH SCHOOL GRADUATES—STATES: 1980 TO 1987
[In thousands. Excludes equivalency certificates]

STATE	1980	1985	1987	STATE	1980	1985	1987	STATE	1980	1985	1967
U.S	2,762.4	2,423.6	2,377.2	KS	30.9	26.0	25.7	ND	10.0	8.2	7.3
		3.35.01		KY	40.8	38.0	37.0	OH	144.2	122.3	122.4
AL	45.2	40.0	41.2	LA	46.3	39.0	39.0	OK	39.3	34.6	34.5
AK	5.2	5.2	5.4	ME	15.4	13.9	13.9	OR	29.9	26.9	27.5
AZ	28.6	27.9	28.9	MD	54.5	48.3	44.9	PA	146.5	127.2	121.2
AR	29.1	26.3	26.9	MA	77.0	63.7	56.7	RI	10.9	9.2	8.6
CA	249.2	225.4	226.0	141	124.3	105.9	100.0	SC	37.7	35.0	33.1
CO	36.8	32.3	34.0	MN	66.1	53.4	53.3	SD	10.7	8.2	8.3
CT	40.0	34.5	33.3	MC	27.6	25.3	25.0	TNI	49.8	43.3	44.1
DE	7.6	5.9	5.9	MO	62.3	51.3	50.9	TV	171.4	159.3	163.1
DC	5.1	3.9	3.6	MT	12.1	10.0	9.5	LIT	20.0	19.6	20.9
El	87.8	81.1	81.5	NE	22.4	18.0	16.5	VT	6.6	5.8	5.4
GA	627	58.7	56.3	NC memononem	8.5	8.6	8.7	VA	66.9	61.0	65.1
LII				NV				W/A	50.4	45.8	48.5
ID	11.8	10.1	9.9	ND	11.4	11.1	11.3	WAY		22.3	
Manuscratter and the second	13.1	12.1	12.0	NJ.	97.6	85.6	78.8	WY	23.4		21.6
A resonance con a	135.6	117.0	110.0	NM	18.3	15.6	15.3	William	71.3	60.2	58.3
Namedana		64.8	58.0	NY	204.1	166.8	162.2	MA "Durrengenesses	6.1	5.7	5.6
IA	43.4	36.1	34.3	NC	70.9	67.2	65.8				

Source: National Education Association, Washington, DC, Estimates of School Statistics, annual. (Copyright.)

NO. 229. HIGH SCHOOL DROPOUTS 14 TO 24 YEARS OLD, BY AGE AND RACE: 1970 TO 1986

[Ae of October. See headnote, table 230 for definition of dropouts]

			NUMBE	R OF DR	OPOUTS (	1,000)			PER	CENT OF	POPULAT	TON
AGE AND RACE	1970	1975	1900	1982	1963	1984	1965	1965	1970	1980	1963	1980
Total dropouts 1 s	4,670	4,974	5,212	5,100	5,025	4,784	4,456	4,316	12.2	12.0	10.6	10.
18-17 years	2,138	715 2,557 1,553	709 2,576 1,798	556 2,646 1,854	494 2,419 1,991	485 2,297 1,845	505 2,095 1,724	455 1,961 1,728	8.0 16.4 18.7	8.8 15.8 15.2	7.0 14.1 14.1	8.1 13.0 14.1
White 2	3,577 485 1,618	3,861 594 1,900 1,169	4,100 619 2,032 1,416	4,960 478 2,056 1,487	3,960 424 1,897 1,531	3,861 421 1,852 1,429	3,583 424 1,678 1,372	3,497 394 1,566 1,406	10.6 7.3 14.3 16.3	11.3 9.2 14.7 14.0	10.8 7.1 13.6 13.3	18. 13. 13.
Black <sup>2</sup> 16-17 years 18-21 years 22-24 years	1,047 125	1,024 116 540 337	984 80 486 346	967 66 519 332	918 62 436 398	760 55 373 339	748 70 376 279	707 52 345 272	22.2 12.8 30.5 37.8	16.0 6.9 23.0 24.0	12.8 6.5 17.5 17.8	12 4 17

<sup>&</sup>lt;sup>1</sup> Includes other race groups not shown separately. <sup>9</sup> Includes persons 14–15 years, not shown separately. Source: U.S. Bureau of the Census, Current Population Reports, series P-20, No. 409 and earlier reports; and unpublished data.

# NO. 230. EMPLOYMENT STATUS OF HIGH SCHOOL GRADUATES NOT ENROLLED IN COLLEGE AND SCHOOL DROPOUTS, BY SEX AND FRACE: 1975 TO 1986

i theseands, except percent. As of October. For civilian noninstitutional population 16 to 21 years old. High school graduates: Persons not enrolled in college; includes those who attended college prior to survey data. Dropouts: Persons not in regular school and who have not completed the 12th grade nor received a general equivalency degree. Based on sample and subject to sempling variability)

		G	RADUATE	s		l	0	ROPOUTS	3	
EMPLOYMENT STATUS, SEX, AND RACE	1975 1	1980	1964	1985	1980	1975 '	1900	1984	1963	1963
Civilian population	7,254	7,708	6,791	6,464	6,306	3,317	3,377	2,782	2,500	2,417
labor force. Percent of population Employed Percent of labor force Male. Female	82.8 5,111 85.1	6,648 86.2 5,805 87.4 2,833 2,973	5,865 86.4 5,082 86.6 2,452 2,630	5,565 86.1 4,727 84.9 2,300 2,427	5,403 85.7 4,703 87.0 2,318 2,385	2,029 61.2 1,449 71.4 969 480	2,248 86.6 1,636 72.8 1,077 559	1,835 66.0 1,326 72.3 895 432	1,754 67.5 1,207 68.8 811 396	1,579 65.3 1,150 73.3 786 373
White Black  Black  Percent of labor force  Male  Female	2 454 697	5,211 513 841 12.7 485 378	4,445 561 783 13.4 384 419	4,159 504 838 15.1 430 408	4,091 540 700 13.0 326 374	1,216 * 232 580 28.6 338 244	1,426 179 613 27.3 371 242	1,169 117 509 27.7 312 197	1,072 114 547 31.2 356 191	1,000 12 42 28. 24 17
White Black In teltor force Percent of population	1,246	624 207 1,082 13.8	503 254 927 13.6	552 263 896 13.9	471 216 903 14.0	419 * 161 1,269 38.9	434 151 1,128 33.4	368 138 946 34.0	420 119 648 32.6	300 100 831 34.7

<sup>&</sup>lt;sup>1</sup> Population controls based on 1980 census; see text, sections 1 and 4.
<sup>2</sup> Black and other races.

Source: U.S. Bureau of Labor Statistics, Special Labor Force Report, No. 191, Bulletin 2192, and unpublished data.

NO. 231, MEAN MONEY EARNINGS, BY AGE, SEX, AND EDUCATIONAL ATTAINMENT: 1985

[For year-round full-time workers 19 years old and over. As of March 1986. Based on Current Population Survey; see text section 1 and Appendix III. For definition of mean, see Guide to Tabular Presentation]

		E	LEMENTAR	٧	8	ECONDARY	1		COLL	EGE	
AGE AND SEX	AGE AND SEX Total	Total	Lees then 8 years	8 years	Total	1-3 years	4 years	Total	1-3 years	4 years	5 or more years
Total	23,403	14,960	13,748	16 205	19 105	16,936	19,543	26,500	22,805	30,391	36,70
24 years old	13,241	9,686	9,263	16,305 10,476	19,105 12,489	11,407	12,880	14,897	13,864	17,464	16,99
34 years old	21,632	12,789	12.118	13,835	18,294	15,865	18,659	24,935	21,541	25,628	31,23
44 years old	26,708	15,726	14,044	17,896	20,697	17,210	21,801	32,251	25,715	33,197	40.89
54 years old	26,970	16,393	14.954	17,943	21,713	19.257	22,291	35,369	26,901	37,989	43.83
64 years old	25,485	16,185	14,982	17,259	20,950	18,936	21,603	35,531	26,183	39,898	43.64
years old and	25,400	10,100	14,500	,200	20,500	10,500	2.,000	1	20,.00	00,000	10,01
ver	22,407	11,051	9,751	11,754	19,180	16,225	20,068	32,314	21,516	40,039	38,32
lale, total	27,430	16,400	15,030	16,661	22,175	19,241	22,862	34,105	36,708	35,400	44,47
24 years old	14,300	10,479	10,192	10,748	13,848	12,445	13,907	16,329	15,569	18,484	16,87
34 years old	24,067	13,657	12,646	14,972	20,362	17,061	20,936	28,028	24,057	28,834	35,09
44 years old	31,565	17,577	15,623	19,935	24,854	19,946	25,919	37,440	29,699	38,026	47,00
54 years old	32,379	18,350	16,610	20,273	26,209	22,744	27,129	41,673	31,926	44,380	50,26
64 years old years old and	30,247	17,950	16,539	19,240	25,057	22,178	28,113	41,807	31,934	44,510	49,13
Wer	25,369	11,694	10,061	12,844	21,904	18,437	23,120	36,068	24,556	43,680	40,54
emale, total	17,033	10,433	9.681	11,187	14,544	12,317	14,903	20,303	17,229	21.362	26,34
24 years old	11,925	7,601	6,137	9,305	10,832	9.028	11,056	13,620	12,340	16,615	17,09
34 years old	17,701	9,413	9.212	9,705	14.839	12.931	15.053	20.244	17,734	21,027	24,62
44 years old	18,526	10,900	10,341	11,763	15,492	12,319	15,993	22,082	19,049	22,630	26,76
<b>54 years old</b>	17,696	11,013	10,190	11,841	15,462	13,061	15,934	22,245	18,483	22,363	26,35
<b>64 years</b> old	16,636	10,733	9,644	11,578	14,851	12,778	15,401	21,794	17,492	24,061	28,48
reams old and		1	1	1		1	1	1	'		
ver	15,144	8,902	6,743	9,260	13,686	11,521	14,503	20,528	15,541	27,319	25,11

Source: U.S. Bureau of the Census, Current Population Reports, series P-80, No. 156.

No. 232. HIGH SCHOOL AND COLLEGE GRADUATES, BY SEX AND CONTROL: 1960 TO 1985

[In thousands, except percent. See also table 254; Appendix III; and Historical Statistics, Colonial Times to 1970, series H 598-601 and H 752-756]

YEAR OF GRADUATION		HIGH 8	CHOOL G	RADUATE	s ¹	COLLEGE GRADUATES 3							
	Total		Sex		Control				Mester's				
	Num- ber	Percent of persons 17 years old 2	Male	Fe- male	Public	Pri- vate, est.	Total	Per 100 high school graduates 4 yrs. earlier	Male	Fe- male	and doctor's de- grees *		
1960	2,889 3,133 3,043 2,888 2,773	69.5 72.1 76.9 73.6 71.4 73.3 73.9 73.9	895 1,311 1,430 1,542 1,491 1,437 (NA) (NA)	983 1,347 1,459 1,591 1,552 1,451 (NA) (NA)	1,827 2,380 2,589 2,823 2,748 2,598 2,501 2,420	231 298 300 310 295 290 272 263	392 501 793 923 929 970 974 979	28 25 30 31 29 31 31 32 32	254 289 451 505 474 479 482 483	138 213 341 418 456 490 492 497	84 162 273 362 401 390 382 394		

NA Not available. Data for 1960-1970 include about 7,000 graduates of subcollegiate departments of institutions of higher education, Federal schools for inclians and on Federal installations, and residential schools for exceptional children. Based on estimated resident population as of July 1. Data cover public and private institutions. 1960, bachelor's or first professional degree; thereafter, bachelor's degree only.

Source: U.S. Dept. of Education, Center for Education Statistics, Digest of Education Statistics, annual.

No. 233. COLLEGE ENROLLMENT AND PERCENT OF HIGH SCHOOL GRADUATES ENROLLED IN, OR COMPLETED ONE OR MORE YEARS OF COLLEGE, BY SEX AND RACE: 1980 TO 1986

[As of October, except as noted. Covers civilian noninstitutional population 14 to 24 years old]

and the late	AL	L PERSONS	5		MALE		FEMALE			
ITEM AND YEAR	Total 1	White	Black	Total 1	White	Black	Total 1	White	Black	
College enrollment (1,000):	100		L 410	100	100	100	100	l lucul	100	
1960 2	2,279	2,138	3 141	1,365	1,297	3 68	914	841	5 73	
1970	6,065	5,535	437	3,461	3.213	202	2,604	2,322	236	
1975		6,368	699	3,821	3,437	308	3,407	2,931	392	
1980		6,546	718	3,700	3,303	292	3,778	3,243	426	
1985		6,729	755	3,880	3,374	355	3,917	3,357	400	
1986	2000	6,426	820	3,739	3,206	350	3,874	3,221	471	
Percent of high school graduates enrolled:	1,015	0,420	020	5,755	3,200	330	5,014	5,221		
1960 *	23.8	24.3	3 18.7	30.4	31.1	3 21.1	18.0	18.1	3 16.9	
1970		33.9	26.7	41.8	42.9	29.5	26.3	26.3	24.7	
1975	00.1	33.0	32.5	36.7	36.9	33.4	29.9	29.4	32.0	
1980		32.5	28.3	33.8	34.3	27.0	30.9	30.9	29.2	
1985		35.0	26.5	36.0	36.6	28.2	32.8	33.6	25.1	
1000		34.6	28.8	35.7	36.1	28.2	33.3	33.3	29.4	
Percent of high school graduates enrolled in	34.4	34.0	20.0	30.7	30.1	20.2	30.5	30.0	20.4	
college or completed 1 or more years										
of college:				1	1					
	40.4	41.0	4 32.5	46.1	47.1	1 33.5	35.3	35.6	3 31.8	
		53.4	40.0	59.2	60.8	41.2	46.5	47.1	39.0	
		52.7	48.0	56.1	56.6	50.3	49.2	49.1	46.4	
1000			46.2		51.8	44.4	51.0	51.0	47.5	
1006		51.4		51.4						
*000	54.3	55.3	43.8	54.6	55.5	43.5	54.0	55.2	43.9 50.2	
1986	54.8	55.3	47.4	54.2	55.0	43.7	55.3	55.6	50.2	

<sup>&</sup>lt;sup>1</sup> Includes other races, not shown separately. <sup>2</sup> As of April. <sup>3</sup> Black and other races

No. 234. COLLEGE ENROLLMENT, BY SEX, AGE, AND RACE: 1972 TO 1986

[In thousands. As of October, Covers civilian noninstitutional population, 14 years old and over. Degree credit enrollment only]

SEX, AGE, AND RACE	1972	1975	1978	1979	1980	1981	1981 *	1982	1983	1984	1985	1986
Total	9,095	10,880	11,140	11,380	11,387	11,814	12,127	12,309	12,320	12,304	12,524	12,402
Male *	5.218	5,911	5.581	5,480	5.430	5.636	5,825	5,899	6,010	5.989	5,905	5,848
18-24 years		3,693	3,621	3,508	3,604	3,724	3,833	3,837	3,820	3,929	3,749	3,649
25-34 years	1,178	1,521	1,396	1,356	1,325	1,375	1,442	1,460	1,576	1,492	1,464	1,508
35 years and over	365	569	457	487	405	443	453	490	506	476	561	600
Female 3	3,877	4,969	5,559	5,900	5.957	6,178	6,303	6,410	6.310	6,317	6,616	6,554
18-24 years		3,243	3,373	3,482	3,625	3,680	3.741	3.841	3,657	3,662	3,788	3,747
25-34 years	581	947	1,173	1,319	1.378	1,431	1.485	1,528	1,510	1,522	1,599	1,483
35 years and over	418	614	845	914	802	934	940	900	989	970	1,100	1,197
White	B.147	9.547	9.662	9,956	9,926	10,166	10,352	10.550	10.566	10.521	10,782	10,497
Male	4,723	5,263	4,913	4,823	4,804	4,900	5,011	5,078	5,162	5,111	5,101	4,987
Female		4,285	4,748	5,132	5,123	5,265	5,342	5,474	5,404	5,410	5,680	5,510
Black and other races	949	1,333	1,479	1,424	1,461	1,648	1.775	1,758	1,754	1,784	1,742	1,905
Male		648	668	657	626	735	814	821	848	878	805	861
Female	450	684	811	768	834	913	961	936	906	906	938	1.044

<sup>&</sup>lt;sup>1</sup> Population controls based on 1970 census; see text, sections 1 and 4. <sup>2</sup> Population controls based on 1980 census; see text, sections 1 and 4. <sup>3</sup> Includes persons 14 to 17 years old, not shown separately.

Source: U.S. Bureau of the Census, Current Population Reports, series P-20, No. 409 and earlier reports; and unpublished data

Source: U.S. Bureau of the Census, U.S. Census of Population: 1980, vol. 1, Characteristics of the Population, part 1; Current Population Reports, series P-20, No. 409 and earlier reports; and unpublished data.

#### No. 235. HIGHER EDUCATION—SUMMARY: 1970 to 1985

[Institutions, staff, and enrollment as of fall. Plinances for flace) year ending in the following year. Covers universities, colleges, professional schools, junior and teachers colleges, both publicly and privately controlled, requiar session. Includes estimates for institutions not reporting. See also Appendix IIII, and Historical Statistics, Colonial Times to 1970, series H 680, H 699-705, and H 710]

ITEM	Unit	1970	1975	1979	1980	1981	1982	1983	1984	1985
Institutions 1	Number	2,556	3.026	3,152	3,231	3,253	3,280	3,284	3,331	3.340
4-year	Number	1.665	1.898	1,957	1,957	1,979	1,984	2,013	2,025	2,029
2-year.	Number	891	1,128	1,195	1,274	1,274	1,296	1,271	1,306	1,311
Instructional staff	1.000	573	781	823	846	865	865	(NA)	(NA)	(NA
Instructor or above	1.000	474	628	675	688	705	701	723	700	710
Percent full-time	Percent	77.8	70.1	65.9	65.6	64.9	64.9	65.1	65.0	64.2
Total enrollment 2	1,000	8,581	11,185	11,570	12.097	12,372	12,426	12,465	12,242	12.247
Male		4,637	5,321	5,683	5.874	5,975	6,031	6.024	5.864	5.818
Female	1,000	3.284	4,410	5,887	6,223	6,397	6,394	6,441	6,378	6.429
4-year institutions	1,000	6.290	7,143	7,353	7,571	7,655	7,654	7,741	7,711	7,716
2-year institutions	1,000	1,630	2,588	4,217	4.526	4.716	4.772	4,723	4,531	4,531
Full-time	1.000	5,489	6,147	6.794	7.098	7.181	7.221	7.261	7.098	7.075
Part-time	1,000	2.431	3,584	4.776	4,999	5,190	5,205	5,204	5,144	5.172
Public		2.000	7,426	9.037	9.457	9,647	9,696	9,683	9,478	9,479
Private			2,306	2,533	2,640	2,725	2,730	2,782	2,765	2,768
Graduate	1,000	1,031	1,263	1,070	1,100	1,101	1,090	1,105	1,114	1,129
Undergraduate <sup>a</sup>	1.000	6.889	8,468	10,500	10,997	11,270	11,336	11,360	11,128	11,116
Male		0,000	4,621	5,116	5,303	5,404	5,461	5,446	5,287	5,241
Female		2,222	3,847	5.384	5,694	5,867	5,875	5,914	5,841	5.876
1st time freshmen			1,910	2,503	2,588	2,595	2,505	2,444	2,352	2,292
4-year institutions			5.884	6,285	6,472	6,555	6,565	6,637	6,597	6,586
Full-time			4,577	4,768	4.897	4,939	4,934	4,978	4,930	4,914
Part-time		1.025	1,308	1,517	1.574	1,615	1,630	1,659	1,667	1,673
2-year institutions	1,000		2,584	4,215	4,526	4,716	4,771	4,723	4,531	4,531
Public	1,000		6,520	8,337	8,747	8,946	9,009	8,990	8,784	8.776
Private	1,000		1,948	2,163	2,251	2,325	2,327	2,370	2,344	2,341
Current funds revenues *	MII. dol	23,879	39,703	58,520	65,585	72,191	77,596	84,417	92,473	1
Tuition and fees		5,021	8,172	11,930	13,773	15,774	17,776	19,715	21,284	11
Federal Government	Mil. dol	2,739	5,414	7,772	8,479	8,320	8,181	8,783	11,509	11
State government	Mil. dol	6,589	12,261	18,378	20,106	21.849	23,066	24,707	27,583	11
Auxiliary enterprises	Mil. dol	3,125	4,548	6,481	7.287	8,122	8,770	9,456	10,100	11
Plant funds *	Mil. dol	(NA)	3,910	4,382	4,774	5,185	4.997	6,238	6,737	11
Increase in fund balance "	Mil. dol	498	959	2,154	2,793	2,224	5,322	2,410	4,653	1
Current funds expenditures *	Mil. dol	23,375	38,903	56,914	64,053	70,339	75,936	81,993	89,951	(NA
Educational and general 7	Mil. dol		30,598	44,543	50,074	54,849	58,929	63,741	70,061	
Auxiliary enterprises and activi- ties	Mil. dol	2,988	4,477	6,486	7.288	7,998	8,614	9,250	10.012	
Gross addition to plant value	Mil. dol		4,702	5,551	6,471	6,975		7,604		
	Mil. dol	4,165					7,421		8,306	
Endowment (book value)	Mil. dol	11,341	13,952	83,733	88,761	94,517	100,993 26,352	107,640	114,764 33,399	
Elicowinesis (cook value)	Will. GOI	11,341	19,825	18,561	20,941	23,085	20,302	29,502	33,399	

NA Not evallable. <sup>1</sup> Beginning 1975, number of institutions includes count of branch campuses. <sup>2</sup> Beginning 1975, branch campuses counted according to actual status, e.g., 2-year branch in 2-year category, previously a 2-year branch included in university, category, 1970 and 1975 characteristics data exclude non-degree enrollment (861,000 on d.f.453,000 respectively).

<sup>3</sup> Includes first-professional enrollment and unclassified students. <sup>4</sup> Includes items not shown separately. <sup>4</sup> Annual net increase in plant funds. <sup>4</sup> Includes endowment, and, beginning 1975, annuity and student loans. See table 245.

<sup>7</sup> Beginning 1975, not strictly comparable with earlier years.

Source: U.S. Dept. of Education, Center for Education Statistics, Digest of Education Statistics, annual, and unpublished data.

No. 236. ENROLLMENT IN INSTITUTIONS OF HIGHER EDUCATION, BY SEX, AGE, AND ATTENDANCE STATUS, 1970 TO 1985, AND PROJECTIONS, 1995

(As of fall)

		NUI	MBER (1,0	000)		PERCENT PART-TIME					
SEX AND AGE	1979	1975	1985	1900	1986, proj.	1979	1975	1980	1900	1985, proj.	
Total	6,861	11,185	12,007	12,247	11,453	32.2	36.5	41.3	42.2	46.8	
Male 14 to 17 years old. 18 and 19 years old. 20 and 21 years old. 22 to 24 years old. 25 to 24 years old. 25 to 34 years old. 30 to 34 years old. 35 years old and over	1,095 964 783	6,149 126 1,397 1,245 1,046 1,123 557 654	5,874 99 1,375 1,259 1,064 983 576 507	5,818 121 1,230 1,216 1,046 991 574 639	5,388 86 1,048 946 909 910 648 639	30.5 3.9 6.2 9.6 32.6 58.2 76.6 81.9	36.1 13.5 9.2 15.4 34.5 57.8 67.0 76.8	37.2 15.2 10.8 12.2 35.4 61.9 77.6 84.8	38.0 15.7 9.9 15.5 30.3 60.1 73.9 84.8	42.4 13.6 11.0 15.8 32.0 58.5 73.0 86.1	
Female.  14 to 17 years old	129 1,250 785 463 292	5,036 152 1,366 966 706 651 410 730	6,223 148 1,526 1,166 925 876 667 913	6,429 113 1,370 1,166 965 962 887 1,246	6,085 111 1,173 902 719 823 746 1,590	34.6 9.3 8.8 16.3 53.1 72.6 84.4 86.6	42.1 12.5 10.6 19.8 54.4 66.5 76.8 65.8	45.2 11.5 11.4 17.9 47.4 73.6 79.8 87.5	46.1 10.6 11.4 18.7 43.8 66.8 76.7 60.0	50.7 11.7 11.7 19.0 43.9 67.9 76.9 82.2	

Source: U.S. Dept. of Education, Center for Education Statistics, The Condition of Education, annual.

No. 237. College Freshmen—Summary Characteristics: 1986 to 1986

[In percent. As of fall for first-time, full-time freehmen. Based on sample survey and subject to sampling error; see source)

CHARACTERISTIC	1966	1970	1975	1980	1981	1982	1983	1984	1985	1986
Sex: Male	57	55	53	49	49	49	49	48	48	45
Female		45	47	51	51	51	51	52	52	52
Average grade in high school:	43	40	4/	31	31	31	31	32	92	34
A- to A+	15	16	18	21	21	21	20	20	21	23
B – to B +	54	58	60	60	60	60	59	58	59	56
C to C+	30	27	21	19	19	19	21	21	20	2
0	1	1	- 1	1	1	1	-	1	1	
Political orientation:										
Liberal	(NA)	34	29	20	18	19	19	20	21	22
Middle of the road	(NA)	45	54	60	60	60	60	58	57	56
Conservative		17	15	17	20	18	18	19	19	15
Probable field of study:	(NA)	16	15	111	20	10	10	10	10	1 "
Arts and humanities	17	16	11	9	7	8	8	8	8	
Biological sciences		1 4	6	4	4	4	4	4	4	1 7
Business		16	19	24	24	24	24	26	27	26
Education	11	11	10	7	7	5	6	7	7	1 3
Engineering		9	8	12	12	12	12	11	11	1
Physical science		2	3	3	3	3	3	3	2	1 '
Social science	15	14	10	7	6	6	6	7	8	1 1
Professional		(NA)	(NA)	15	13	13	14	14	13	1 12
Technical	2	(ren)	(rea)	6	6	7	7	5	5	1 3
Data processing/computer programming	(NA)	(NA)	(NA)	2	3	4	1 4	2	2	1 3
Other 1		(NA)	(NA)	(NA)	14	16	16	16	16	1
Communications		(NA)	(NA)	2	2	2	2	2	2	1 '3
Computer science	(NA)	(NA)	(NA)	1	1	2	5	3	2	1 3
Recipient of financial aid:	(unit)	(unv)	fuel		,	- 2	1 3	3	-	1 '
Pell grant	(NA)	(NA)	27	33	26	23	26	20	19	1 1
Supplemental educational opportunity grant	(NA)	(NA)	6	8	6	6	7	6	5	1 '
State scholarship or grant		(AA)	19	16	14	15	16	14	14	1
College grant		(NA)	19	13	11	12	13	17	19	10
Federal guaranteed student loan		(NA)	10	21	17	11	15	23	23	2
National direct student loan		(NA)	10	9	8	6	5	6	6	
College loan	(NA)		23	4	9	9	4	2	4	1 3
College work-study grant		(NA)	12	15	12	12	14	9	10	10
Essential or important objectives:	(unit)	(unit)	12	13	16	16	1.7		10	1 "
Be very well-off financially	44	39	50	63	65	69	69	71	71	7
Develop meaningful philosophy of life		76	64	50	49	47	44	45	43	4
Help others who are in difficulty		65	66	65	63	62	62	62	63	5
Become involved in programs to clean environment		3 43	29	27	25	23	21	21	20	11
Attitudes—agree or strongly agree:	(MA)	- 43	2,9	21	25	23	21	21	20	. "
Activities of married women are best confined to home	100									
	(NA)	48	28	27	27	26	25	23	22	2
and family	(NA)	56	4.5	34	30	28	29	26	27	2
		38	(NA)	39	34	29	26	23	22	2
Legalize manjuana	(NA)	38	47	39	34	59	26	23	22	1 2

NA Not available. Includes other fields of study, not shown separately. If 1976 data. Includes other fields of study, not shown separately.

Source: The Higher Education Research Institute, University of California, Los Angeles, CA, The American Freehmen: National Norms, annual.

### No. 236. Changes in Enrollment in Remedial College Courses, 1978 to 1984, and Freshmen **ENROLLMENT IN REMEDIAL COLLEGE COURSES, 1984**

[In percent, except as noted. For school year ending in year shown. Remedial courses are those designed for students lacking still necessary to perform college-level work as required by the institution. Based on survey and subject to sampling error, see source]

		TIONS REI		FRESHMEN IN REMEDIAL COURSES, 1984									
	ENROLLI COLL BETWEEN	Num-	Percent all freshmen by type of course			Percent distribution							
INSTITUTIONAL CHARACTERISTIC	In- creased 10 percent or more	Stayed about the same	De- creased 10 percent or more	ber (mil- lion)	Read- ing	Writ- ing	Math	Read- ing	Writ- ing	Med			
Total	83	23	•	4.8	16	21	25	100	100	190			
Public	70 54	26 42	5 4	4.1 .7	18 9	22 12	27 15	92 8	91 9	91			
2-year	69 58	27 38	5 4	3.0 1.8	19 12	23 17	26 19	73 27	70 30	71			
Comeson: Open 1 Liberal 3 Traditional 3	72 57 54	24 39 39	1	3.1 .7	20 14 9	24 17 13	30 18 13	77 13	74 13	71			
Selective 4	48	46	4	.5	6	14	13	4	9	}			

Institutions accepting all high school graduates.
 Institutions accepting only students from top half of high school class.
 Institutions accepting only students from top half of high school class.
 Institutions accepting only students in the top quarter of high school class.

Source: U.S. Dept. of Education, Center for Education Statistics, Bulletin, "Many College Freshmen Take Remedial Courses," Sept. 1986.

NO. 239, COLLEGE ENROLLMENT, BY SELECTED MAJOR FIELD OF STUDY AND SEX: 1976 AND 1984

The second second		EN	HOLLME	NT (1,000)				PER	CENT D	STAIBU	TION	
SELECTED MAJOR FIELD OF		1976			1984		11	1976			1984	
STUDY	Total	Male	Fe- male	Total	Male	Fe- male	Total	Male	Fe- male	Total		Fe- male
Total enrollment, select- ed fields. Percent of total enroll- ment.	<b>2,644.6</b> 24.0	1,919.9	724.7 13.9	<b>2,460.7</b> 20.8	1,558.1 27.6	902.6	100.0 (x)	100.0 (x)	100.0 (x)	100.0 (x)		100.0
Agriculture/natural resouces Architecture <sup>2</sup>	318.0 1,281.8	116.2 52.8 189.8 860.1 18.0	39.6 16.0 128.2 421.7 2.2	(NA) 56.9 233.5 1,295.6 20.0	(NA) 37.6 118.7 717.0 15.2	(NA) 19.3 114.8 578.6 4.8	5.9 2.6 12.0 48.5	6.1 2.8 9.9 44.8	5.5 2.2 17.7 58.2	(x) 2.3 9.5 52.7	7.6 46.0	(x) 2,1 12.7 64.1
Engineering Law Medicine Physical sciences Veterinary medicine	451.7 119.6	417.2 88.7 45.1 127.4 4.4	34.5 30.9 12.9 36.9 1.7	516.3 117.7 67.9 143.7 9.2	441.2 71.4 46.5 105.6 4.8	75.0 46.2 21.4 38.1 4.4	17.1 4.5 2.2 6.2	21.7 4.6 2.4 6.6	4.8 4.3 1.8 5.1	21.0 4.8 2.8 5.8	28.3 4.6 3.0 6.8	8.3 5.1 2.4 4.2

NA Not available. X Not applicable. ¹ Excludes students whose major field was not reported. ² Includes environmental deeign.
Source: U.S. Dept. of Education, Center for Education Statistics, Digest of Education Statistics, 1987.

(As of fall)

ITEM	1965	1965	1980	1970	1972	1974	1977	1980	1963	1980
Registrations 1 (1,000)	² <b>647.1</b>	1,034.9	1,127.4	1,111.5	1,008.9	946.6	933.5	924.8	906.0	1,003.2
Index (1860=100)	100.0	159.9	174.2	171.8	155.9	146.3	144.3	142.9	149.3	155.0
Spenieh	176.7 228.6	310.3 371.6	364.9 366.1	389.2 359.3	364.5 293.1	362.2 253.1	376.7 246.1	379.4 246.4	386.2 270.1	411.3 275.3
German	146.1 11.1	213.9 22.9	216.3 30.4	202.6 34.2	177.1 33.3	152.1 33.0	135.4 33.3	126.9 34.8	128.2 38.7	121.0 40.9
Russian	30.6 25.7	33.7 39.6	40.7 35.0	36.1 27.6	38.4 24.4	32.5 25.2	27.8 24.4	24.0 25.0	30.4 24.2	34.0 25.0
Japanese	<sup>2</sup> 12.7	3.4 19.5	4.3 19.3	6.6 16.7	8.3 20.6	9.6 24.4	10.7 25.8	11.5 22.1	16.1 19.4	23.5 17.6
Chinese	3.8	3.6 8.1	5.1 10.2	6.2 16.6	10.0 21.1	10.6 22.4	9.8 19.4	11.4 19.4	13.2 18.2	16.9 15.6
Portuguese Arabic	1.0 .5	3.0 .9	4.0 1.1	5.1 1.3	4.8 1.7	5.1 2.0	5.0 3.1	4.9 3.5	4.4 3.4	5.1 3.4

<sup>1</sup> Includes other foreign languages, not shown separately. 2 Estimated.

No. 241. FOREIGN (NONIMMIGRANT) STUDENT ENROLLMENT IN INSTITUTIONS OF HIGHER EDUCATION, BY REGION OF ORIGIN, 1976 TO 1986, AND BY FIELD OF STUDY, 1976 AND 1986

[For fall of the previous year]

				ENROL	LMENT	1,000)					PERC	ENT EN	ROLLED	IN-	
REGION OF ORIGIN	1976	1070	1000	4054	4000	4000			****	Engin	eering	Scie	nce 1	Busi	ness
	1976	1979	1980	1981	1982	1983	1984	1985	1986	1976	1986	1976	1986	1976	1986
All regions	179	264	286	312	326	337	339	342	344	23	22	13	8	16	18
Africa	25	34	36	38	42	43	42	40	34	17	16	16	7	20	2
Nigeria	11	16	16	17	20	21	20	18	13	14	12	16	5 8	22	3
Asia 3	97	147	165	179	181	187	193	200	210	30	27	13	8	16	18
China: Taiwan	11	15	18	19	21	21	22	23	24	26	27	27	11	8	12
Hong Kong	12	11	10	10	9	9	9	10	11	19	20	15	5	21	27
India	10	9	9	9	11	13	14	15	16	35	34	17	12	15	17
Indonesia	1	45	2	3	4	5	6	7	8	19	25	9	3	19	30
Iran	20	45	51	48	36	27	20	17	14	40	35	8	13	10	
Japan	7	10	12	14	14	14	13	13	13	9	6	6 5 13	4	17	16
Saudi Arabia	3 3	8	10	10	10	9	9	8	7	27	27	5	3	18	17
South Korea	3	8	5	6	8	- 11	14	16	19	18	18	13	10	9	16
Europe	14	22	23	25	29	32	32	33	34	13	13	13	8	15	17
Latin America *	30	41	42	50	55	57	52	49	45	20	18	12	6	16	20
Mexico	5	6	6	7	8	7	6	6	5	13	14	11	6 8 5	17	16
Venezuela	5	8	10	12	14	15	13	10	7	34	26	10	5	- 8	21
North America	10	16	16	15	15	15	16	16	16	7	10	8	7	10	16
Canada	10	15	15	14	15	14	15	15	15	6	10	7	7	8	15
Oceania	3	4	4	4	4	4	4	4	4	5	7	-11	6	13	20

<sup>&</sup>lt;sup>3</sup> Physical and life sciences. <sup>2</sup> Includes countries not shown separately. <sup>3</sup> Includes Central America, Caribbean, and South America.

Source: Institute of International Education, New York, NY, Open Doors, annual. (Copyright.)

No. 240. HIGHER EDUCATION ENROLLMENTS IN FOREIGN LANGUAGES: 1960 TO 1986

Source: Association of Departments of Foreign Languages, New York, NY, ADFL Bulletin, vol. 19, No. 2, and earlier issues. (Copyright.)

#### No. 242. EMPLOYED COLLEGE STUDENTS, BY SELECTED CHARACTERISTIC: 1983 AND 1985

[For school year ending in year shown and summer of the previous year. Covers students enrolled fulf-time in undergraduate four year colleges. Based on sample and subject to sampling error; for details, see source. For definition of median, see Guide to Tabular Presentation)

		TAL	1		PE	RCENT E	MPLOYE	<b>D</b> —		
	(1,0	)00)		Full-1	ime 1			Part-t	ime *	
CHARACTERISTIC			Scho	ol year	Sur	nmer	Scho	ol year	Sui	nmer
	1963	1980	1963	1980	1983	1983	1965	1980	1900	1900
Total	4,458.9	4,510.7	9.2	12.8	54.7	81.9	47.2	45.4	33.4	27.
Sex:										
Maje	2.254.7	2.294.9	10.9	14.4	58.5	68.1	44.5	43.0	31.0	23.0
Female	2,204.1	2,215.8	7.5	11.1	50.7	55.3	50.0	47.9	35.8	30.
Race:	1			l		1			ł	
White	3,833.7	3,863.1	9.1	12.4	56.2	64.0	46.0	45.7	33.9	26.
Black	377.4	361.9	12.6	16.1	47.8	51.5	38.7	41.2	26.5	31.2
Other	247.7	265.7	6.3	12.7	41.9	45.4	50.0	47.5	36.3	30.4
Enrollment:	İ				l	l	1	1	ı	l
Freehmen		1,461.7	7.7	7.9	50.3	56.8	41.2	36.7	37.0	31.7
Sophomore		1,046.3	6.2	12.4	58.3	68.1	46.8	46.5	32.1	22.4
Junior		1,006.0	10.5	14.1	53.7	63.1	49.4	51.8	35.1	25.1
Senior	977.2	976.8	13.4	19.1	58.3	61.6	54.0	47.7	27.5	26.7
Family income:					l				ĺ	1
Under \$10,000	509.6	354.6	12.6	14.0	44.4	53.1	40.1	53.9	30.6	26.0
\$10,000—\$14,999	348.9	386.5	12.1	16.0	52.3	54.1	51.9	46.6	38.2	32.4
\$15,000—\$24,999	718.3	638.0	12.9	17.3	55.2	56.6	46.9	45.4	35.9	29.4
\$25,000—\$39,999	1.064.9	1,294,7	10.0	12.5	56.0	63.5	49.7	46.9	33.9	27.0
\$40,000—\$49,999	450.3	668.4	7.4	10.3	58.2	61.9	43.6	42.4	31.7	25.1
\$50,000 and over	836.7	1,186.6	6.5	10.7	58.7	67.9	40.2	40.3	30.1	24.2
Do not know	530.2	(x)	3.6	(x)	53.2	(x)	51.3	(20)	35.0	(X
Living arrangements:	ĺ		l				i	1	l	1
On campus	1.921.1	2.054.4	3.1	4.9	59.4	67.0	43.9	40.2	31.9	24.
Off campus:		1								1
With perents	1,190.9	922.5	12.5	16.0	49.7	53.8	61.3	58.0	39.8	37.1
Alone or with others	1,346.9	1,533.8	15.0	20.1	52.3	59.8	39.3	44.7	29.7	24.3
Earnings (dol.):		l	l				1	l		l
Median annual earnings	(NA)	\$2,581		\$7,228		\$3,130	(NA)	\$2,208	(NA)	\$1,70
Median monthly discretionary income	\$102	\$103	\$191	\$139	\$105	\$105	\$96	\$99	894	\$10

NA Not available. X Not applicable. <sup>1</sup> Thirty or more hours per week. <sup>2</sup> Less than 30 hours per week.

Source: Simmons Market Research Bureau, Inc., New York, NY, National College Study, 1963 and 1965. (Copyright.)

#### No. 243. JUNIOR (TWO-YEAR) COLLEGES-SUMMARY: 1970 TO 1985

[institutions and their enrollment as of fallt financial data for fiscal year ending the following year. Prior to 1975, excludes two-year branches of universities and other four-year institutions. Beginning 1980, includes achools accredited by the National Association of Trade and Technical Schools. See Historical Statistics, Colonial Times to 1970, series H 690–692 and H 705, for related but not comparable data. See also Appendix III]

ITEM	Unit	1970	1975	1976	1980	1961	1983	1905	1984	1995
Institutions Public Private Enrollment Public Private Mais Female	Number Number 1,000 1,000 1,000	654 237 2,223 2,102 121	1,128 897 231 3,970 3,836 134 2,165 1,805	1,195 926 269 4,217 4,057 160 1,922 2,295	1,274 945 329 4,526 4,329 198 2,047 2,479	1,274 940 334 4,716 4,481 236 2,124 2,592	1,296 933 363 4,772 4,520 252 2,170 2,602	1,271 916 355 4,723 4,459 264 2,131 2,592	1,306 935 371 4,531 4,279 252 2,017 2,514	1,311 932 379 4,831 4,270 261 2,002 2,529
Current funds revenue 1 Tutton and fees State government Local government Current funds expenditures Education and general 2 Instruction	Mil. doi Mil. doi Mil. doi Mil. doi Mil. doi	413 916 700 2,327 2,073	5,304 896 2,248 1,187 5,082 4,736 2,401	7,507 1,302 3,635 1,168 7,253 6,722 3,315	8,505 1,618 3,961 1,623 8,212 7,606 3,764	9,294 1,864 4,269 1,482 9,006 8,358 4,156	9,876 2,106 4,467 1,585 9,867 8,969 4,447	10,500 2,316 4,773 1,706 10,314 9,530 4,715	11,440 2,469 5,189 1,860 11,207 10,374 5,075	}•••

<sup>&</sup>lt;sup>1</sup> Includes items not shown separately. <sup>2</sup> Includes mandatory transfers.

Source: U.S. Dept of Education, Center for Education Statistics, Digest of Education Statistics, annual; and Financial Statistics of Institutions of Higher Education, annual.

## 14. INSTITUTIONS OF HIGHER EDUCATION—NUMBER, 1985, AND ENROLLMENT, 1980 AND 1985, SELECTED CHARACTERISTICS STATES, AND OTHER AREAS

of institutions for academic year beginning 1985. Opening fall enrollment of resident and extension students attending fullpart-time. Excludes students taking courses for credit by mail, radio, or TV, and students in branches of U.S. institutions ad in foreign countries. See Appendix III. For composition of regions, see fig. I, inside front cover]

	19	80					1985				
	4	First	Mark			Er	nrollmen	nt (1,00	0)		
DIVISION AND STATE OR OTHER AREA	Total enroll- ment (1,000)	time fresh- men (1,000)	Number of institu- tions <sup>1</sup>	Total	Male	Fe- male	Pub- lic	Pri- vate	Full- time	Part-time	First time frest me
States	12,097	2,588	3,340	12,247	5,818	6,429	9,479	2,768	7,075	5,172	2,29
ast	2,587	522	829	2,617	1,215	1,402	1,499	1,118	1,611	1,006	47
1	3,044	721	871	3,151	1.514	1,638	2,485	666	1,848	1.303	62
	3,437	740	1,059	3.630	1,514 1,703	1,927	2,993	637	2,167	1,463	62
Amon months in a contract of the contract of t	2,978	600	571	2,794 786	1,338 361	1,456	2,448	346 388	1,395	1,399	47
land	766 43	166	262 30	786 52	21	426 31	398	19	476 29	310	1
ampshire	47	12	28	52	25	28	27	26	36	17	
1	31	7	22	31	14	17	19	13	23	9	
husetts	418	90	121	421 70	196	225	186	236	262	160	1
Island	67	13	13	70	33	37	35	35	44	26	
ticut	160	35	48	159	72	87	99	61	83	76	1 3
tlantic	1,822 992	356 183	567 301	1,831	854 456	977 544	1,101 563	730 437	1,136	695 372	3
rsey	322	65	60	298	137	161	237	60	150	147	1
tvania	508	109	206	533	261	272	301	233	357	176	10
th Central	2,170	516	534	2,226	1,068	1,158	1,766	460	1,258	969 205	4
	489	111	142	515	259	256	379	136	310	205	10
****	247	57	75	251	124	127	194	57	164	86	1
n	644 520	148 125	162	679 507	315 238	364 269	520 434	158	335 267	343 240	1 3
sin	269	75	63	275	133	142	239	73 36	181	94	1 '
sin. rth Central	875	205	337	925	446	479	719	206	590	335	1
ota	207	43	69	221	104	117	174	47	142	80	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	140	39	59	153	77	76	110	43 72	114	39	1 3
1.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	234	50	92	241	117	124	169	72	143	98	1
Pakota	34	10	19	38	20	18	35	3	30	8	1
ka	33 90	8	18 28	33 98	15	18	23 81	17	24 57	41	
**************************************	137	24 30	52	141	66	75	127	14	81	60	
lantic	1,724	349	542	1,819	837	982	1,441	378	1.039	780	3
re	33	9	8	32	14	18	28	4	20	12	1.2
nd	226	49	56	232	103	128	199	33	109	123	1
of Columbia	87	15	19	79	39	40	13	66	47	31	100
irginia	281	41	72	292	132	161	251	42	165	128	
rginia	82 288	16 70	128	327	148	179	267	10	198	129	
Carolina	133	35	63	132	61	71	106	26	93	39	1
MARKET CONTROL OF THE	184	35	80	197	94	103	149	48	133	64	11 3
and the Color of the color of t	412	80	87	451	213	239	362	89	225	227	
th Central	614	140	245	617	288	329	508	109	423	194	1
ky	143	31 45	45 80	142	63 91	103	111	31	129	47 66	
0	164	45	78	179	87	92	159	21	129	56	1
ppi	102	24	42	101	46	55	91	10	77	25	
ippi uth Central	1,099	250	272	1,194	578	616	1,043	151	704	490	2
15 representation and the second	78	19	36	78	35	43	66	12	55	23	
18	160	34	31	177	84	93	153	24	129	48	1
ma	160	33	47	169	82	87	147	22	96	73	15
elektrikateria (h. 1914)	701 658	165 150	158 155	770 <b>697</b>	377	393	613	93 84	424 385	346	1
8	35	190	16	36	18	18	32	4	26	10	
	43	11	10	43	21	22	34	9	28	14	1 3
9	21	5	8	24	11	13	24		14	-11	
0	163	29	48	161	79	82	142	19	102	59	
BRICO	58	10	20	68	32	37	66	15	37	31	
months of the second se	203	61	31	217 104	105 57	112	202 69	35	96 68	121	1
and the control of th	41	6	14	44	20	24	43	(z)	13	31	
New Control of the Co	2,321	450	416	2,097	997	1,101	1,835	262	1,010	1,087	3
gton	304	25	53	232	108	124	202	30	146	85	
Meltoniono tetal licine da la la la la la la la la la la la la la	158	45	46	138	69	69	120	18	85	53	3
a	1,791	360	290	1,650	784	866	1,444	206	741	909	2
	21	11	15	27 50	12	16	27	1 7	9	18	117
ary t	47 50	9	12	54	24 48	26	43 54	(x)	29 54	(Z)	
	30	9	10	34	40		94	141	-	(4)	
***************************************	131	36	41	156	62	94	56	99	125	30	3
	3 2	1	2	5	2	2	5	1 -	2	2	
*******************************		(Z)	1	3	1	2	3		1	2	

presents zero. X Not applicable. Z Less than 500. <sup>1</sup> Branch campuses counted as separate institutions. ry academies.

t U.S. Dept. of Education, Center for Education Statistics, Fall Enrollment in Higher Education, annual; and Education; Colleges and Universities, annual.

146 Education

No. 245. Institutions of Higher Education—Finances: 1975 to 1985

[in millions of dollars. For fiscal years ending in year shown. For coverage, see headnote, table 235. See also Appendix and Historical Statistics, Colonial Times to 1970, series H 729-738 and H 747-749]

	Jan C	7.0	1000	100	CAL			1985	
ITEM	1975	1980	1981	1982	1983	1984	Total	Public	
Current funds revenues	35 687	58.520	65,585	72,191	77,596	84,417	92,473	59,794	32
Tuition and fees		11,930	13,773	15,774	17,776	19,715	21,284	8,648	12
Federal Government	4,991	7,772	8,479	8,320	8,181	8,783	11,509	6.310	1 6
State government		18,378	20,106	21,849	23,066	24,707	27,583	26,965	1
Local government		1,588	1,791	1,938	2,031	2,192	2,387	2,179	
Endowment earnings	718	1,177	1,364	1,597	1,721	1,874	2,096	343	١,
Private gifts, grants, and contracts 1	1.745	2,808	3,177	3,564	4,053	4,415	4,896	1,846	1 3
Educational activities 2	555	1,239	1,410	1,583	1,723	1,971	2,126	1,424	1
Auxiliary enterprises	4.080	6,481	7,287	8,122	B,770	9,456	10,100	6,296	1 3
Other funds revenues 3	4,083	7,146	8,198	9,446	10,275	11,304	10,490	5,782	14
Plant funds 4	3,311	4,382	4,774	5,185	8 4,997	6,238	6,737	4,406	1
Increase in fund balance	486	2,153	2,793	2,224	5,322	2,410	4,653	773	22
Endowment	229	1,874	2,493	2,030	8 4,875	2,148	4,302	694	1 3
Annuity and life income	26	64	56	49	a 177	69	153	9	
Loans	231	215	244	145	* 269	193	198	70	
Current funds expenditures 6		56,914	64,053	70,339	75,936	81,993	89,951	58,315	31
Educational and general	27,548	44,543	50,074	54,849	58,929	63,741	70,061	46,874	23
Instruction		18,497	20,733	22,963	24,673	26,436	28,777	20,287	1 8
Institutional support	3,057	5,054	5,773	6,471	6,951	7,763	8,588	5,192	
Research		5,099	5,658	5,930	6,265	6,724	7,552	5,119	13
Plant operation 7		4,700	5,350	5,979	6,392	6,730	7,346	5,041	1 2
Academic support		3,876	4,273	4,656	5,087	5,531	6,075	4,268	13
Libraries	1,002	1,624	1,759	1,922	2,040	2,231	2,361	1,557	
Student services		2,567	2,909	3,177	3,461	3,798	4,178	2,684	1
Scholarships and fellowships	1,450	2,200	2,505	2,685	2,923	3,302	3,671	1,375	113
Unrestricted funds	632	905	1,081	1,236	1,479	1,738	1,962	569	1
Restricted funds		1,296	1,424	1,449	1,444	1,563	1,709	806	1
Public service		1,817	2,058	2,204	2,320	2,499	2,861	2,316	1
Mandatory transfers		732	815	784	857	958	1,015	591	1
Auxiliary enterprises 6	4,074	6,486	7,288	7,998	8,614	9,250	10,012	6,432	13
Hospitals 6	2,351	4,757	5,433	6,234	6,986	7,380	8,011	4,915	L
Independent operations 6	1,087	1,128	1,258	1,259	1,406	1,622	1,868	95	1
Gross addition to plant value *	4,761	5,551	6,471	6,975	7,421	7,604	8,306	5,390	1:
Value of plant (grounds, buildings, equipment)	62,183	83,733	88,761	94,517	100,993	107,640	114,764	77,314	37
Endowment (book value) *	13,403	18,561	20,941	23,085	26,352	29,502	33,399	6,478	26

Private grants represent nongovernmental revenue for sponsored research and other sponsored programs; includes prontracts.
 Sales and services of educational departments only.
 Includes sales and services of hospitals, federally fur research and development centers, and other sources.
 Annual net increase in plant tunds.
 Plactudes mandatory transfers which are primarity current expenditures for plant.
 Includes mandatory transfers which are primarity current expenditures from current funds for plant expension.
 Includes funds functioning as endowment funds.

Source: U.S. Dept. of Education, Center for Education Statistics, Digest of Education Statistics, annual.

### No. 246. HIGHER EDUCATION PRICE INDEXES: 1965 TO 1986

[1967 = 100. For years ending June 30. Reflects prices paid by colleges and universities. For explanation of average annual percent change, see Guide to Tabular Presentation]

		Average	P	ERSONNEL	COMPENSAT	ION	CON	TRACTED	SERVICES,	SUPPLIES,	AND EQUI	PME
YEAR	index, total	annual percent change 1	Total	Profes- sional salaries	Nonpro- fessional salaries	Fringe bene- fits	Total	Serv- ices	Supplies and materials	Equip- ment	Books, periodi- cals	u
1965	91	4.3	89	89	94	78	96	95	98	95	91	
1970		5.9	124	121	118	146	1111	113	106	111	121	ı
1972	136	5.6	138	133	136	180	126	126	113	119	164	ı
1973	143	5.3	146	138	144	198	132	132	116	123	177	ł
1974	153	7.1	155	145	153	222	145	138	132	131	195	ı
1014	133	/··'	133	145	133	222	145	136	132	131	193	1
1975	166	8.6	166	154	166	241	169	150	164	154	220	ł
1976	177	6.6	176	162	179	267	180	157	172	163	252	1
1977	189	6.5	187	169	192	295	195	167	181	172	268	ł
1978	201	6.7	199	173	207	324	209	176	188	183	286	1
1979	217	7.7	215	189	223	367	226	187	203	198	316	1
1960	238	9.9	232									1
				202	243	409	261	202	239	216	364	1
1981	264	10.7	255	220	266	460	299	225	270	237	400	1
1962	290	10.0	279	239	287	528	332	251	284	255	443	f
1983	309	6.3	298	255	303	569	350	265	283	265	470	1
1984	325	5.4	316	267	319	633	360	277	292	270	467	ł
1985		6.7	341	284	331	727	371	269	298	277	505	i i
1986	363	4.4	360	301	343	771	370	303	295	283	524	

<sup>&</sup>lt;sup>1</sup> Change from immediate prior year.

Source: U.S. National Institute of Education, Inflation Measures for Schools and Colleges, 1983; beginning 1983, Real Associates of Washington, Washington, DC, Higher Education Prices and Price Indexes, annual.

### ). 247. FINANCES OF PUBLIC INSTITUTIONS OF HIGHER EDUCATION, 1986 AND 1987, AND BY **STATE, 1987**

academic years ending in year shown. Data provided by the State higher education linence officers, except as indicated

	FTE	FOR CU OPERAT	RRENT	NET TI			FTE	FOR CU OPERAT	RRENT	NET TO REVEN	
AND	ment (1,000)	Total (mil. dol.)	Per FTE i student (dol.)	Total (mil. dol.)	Per FTE stu- dent (dol.)	STATE	ment (1,000)	Total (mil. dol.)	Per FTE I student (dol.)	Total (mil. dol.)	Per FTE stu- dent (dol.)
986	6,980.6 7,061.4	26,424.9 27,337.7	3,785 3,871	7,789 4 8,215.1	1,116	MS	84 7 129 7	227 4 435.5 89.5	2,684 3,359	111.3	1,314
	14.2	418.5 138.2	3,005 9,743	143.0	1,027	NE	26.9 56.8 21.5	149.3 88.5	3,323 2,628 4,122	25.0 63.0 23.2	1,109 1,080
	119.1 56.8	433.5 195.2	3,639	110 7 59 7	1,051	NH	146.1	52.7 754.4	5,163	67 B	1,677
	968.3	4,519.1	4,667	481.5	497	NM	48.2	199.0	4,129	34.9	724
_	114.1	305.0	2,673	208.4	1,826	NY	421.7	2.467 6	5,852	442 1	1,048
_	58.7	302.7	5,158	80.2	1,367	NC	239 4	919.5	3,841	146.9	614
	21.4	92.2	4,314	62.5	2,924	ND	30.4	96.5	3,145	37 5 536 2	1,235
	7.8 266.4	67.7 838.2	3,147	207.6	779	OK	115.1	297 6	2,586	737	640
	126.5	554.9	4,387	163.0	1,289	OR	93.2 251.5	328 9 962 1	3,531	112.8 596.4	1,211
	28.3	223.0 123.0	7,876 3,974	18 0	636	RL	27.4	106.7	3,893	43.8	1,598
-	350.8	1,251.1	3,567	18.9	611 846	sc	80.3	362.3	4,509	123.8	1.541
	152.0	547.4	3,601	267 0	1,757	SD	17.8	46.3	2.601	20 7	1 163
	95.0	338.3	3,561	149.5	1.574	TN TX 4	113 3 523 0	1.585 1	4,453 3,031	155 9	1,376
	92.0	299.3	3,253	102.6	1,115	UT	55.6	215.2	3.867	59 9	1.076
	91.0	328.6	3,611	1100	1,209	VT.	14.2	29.2	2.063	65.4	4.622
_	117.9	348.6	2,956	165.5	1,403	VA	184.2	676.3	3 672	273.2	1,483
-	26.2	118.0	4,497	39.9	1,521	WA	150.4	533.9	3.550	153.5	1,021
	142.9	499.5	3,495	208 7	1,460	WV	52.3	'53 '	2,926	59.8	1,143
-	124.6	620.0	4,978	178.2	1,431	W	188.7	560 8	3,609	294.0	1.556
	321.1 160.4	1,166.1 618.0	3,631	803.6 184 1	1,880	WY	17.0	*16 C	6,826	13.5	794

time equivalent (FTE). Credit and non-credit program enrollment including summer session. Excludes medical enrollment and local appropriations, includes and to students attending in-State public institutions. Excludes sums for research, aginons and cooperative extension, and hospitals and medical schools.

<sup>2</sup> Excludes appropriated and to students attending the institutions.

<sup>3</sup> Excludes appropriated and to students attending the institutions.

<sup>4</sup> Estimated by collecting againcy

<sup>4</sup> Research Associates of Washington, Washington, DC, State Profiles: Financing Public Higher Education, armusi.

#### D. 248. MAJOR FEDERAL STUDENT FINANCIAL ASSISTANCE PROGRAMS—TYPE OF PROGRAM. NUMBER OF RECIPIENTS, AND FUNDS UTILIZED: 1970 TO 1987

stard years July 1 of year shown to the following Juse 38. For information on various programs, see source. Funds unliked exclude operating costs, etc., and represent funds given to students.]

PROGRAM	Unit	1970	1075	1900	1981	1982	1982	1984	1985	1986. 278	1967. 273.
rate:											
er of recipients			1,216	2,858	2.779	2,608	2.849	2,830	2.3":	2.54	2 333
utilized		_ (30)	925	2.387	2,295	2.425	2.792	3.035	3 504	2.863	386
ge grant	Dollers	. (17)	761	535	526	33C	98C	1 273	' <i>2</i> 36	. 380	. 3-5
nental Educational contunity Grants: 1											
er of recipients	1,000	253 4	39C S	**65	958 9	64C 7	648 6	662 :	720 :	986 :	7:
utilized		134	20.	358	362	343	361	374	396	379	300
ge grant	Dollers	527	513	5.3	549	535	557	573	550	56C	550
Direct Student Loans											
er of recipients	1,00G		690.3	8.34	664 1	674 9	718 6	697.2	956.6	896 3	344
funds utilized *	_ 141_00		460	554	580	597	682	6	792	825	- 23
ge loen	_ Dollars.	. 532	667	863	948	884	349		325	925	125
in default *	Mil. do	194	1	508	540	675.2 *2.5	568 C	59C ·	-	~	~
R rate	Percent	(44)	(04,				* 3	2.3	•	~	•
Work-Study:											
er of recipients	1,000	. 4250	577	6.3.	739 4	72.	****	735.5	795.5	72.	786
utilized f		. 200	295	980	624	5.5	584	545	992	#62	982
ge annual earnings	Dollars.	. 470	5.4	976	844	954	966	877	980	980	-
ned Student Loans: *	!										
	1,000	. 1,317	323	2.364	3:45	1:22	1.252	3 722	3 72	3 58C	3.844
funds utilized *	Mil. dol	:-5	26	6.200	7.226	5 564	7.578	8 5CB	3 33 .	1.534	i 52
ge loen	Dollars_	. 700	. 373	2 135	2.2:3	22.5	53.3	2.3*3	2.366	2.46	247
in default		. 744,	<b>PAG</b>	1.894	1,984	2.5.5	3 . 3 .	4 22	<b>**</b>	Ned.	N.
Æ rate *	Percent	344	-	97	87	6.3	2.3	4.7	•	<b></b>	700

in matching funds. "Loans or default represents all oans or institutions portion." Segret why under the PLUS Program Grobules the following eligible borrowers: Parents of operation ident undergraduate students, and graduate professional students). "Represents obtain and utalities default amount of default opens to enders, mous ourseastive collections as a parant

se: U.S. Dept. of Education, Office of Postescondary Education, unpublished data.

#### No. 245. Institutions of Higher Education—Finances: 1975 to 1985

[in millions of dollars. For flecal years ending in year shown. For coverage, see headnote, table 235. See also Appendix III and Historical Statistics, Colonial Times to 1970, series H 729-738 and H 747-749]

					1			1980	
ITEM	1976	1905	1861	1982	1963	1984	Total	Public	Pri- vate
Current funds revenues	35.687	58.520	65,505	72,191	77,596	84,417	92,473	59,794	32,671
Tuition and fees		11,930	13,773	15,774	17,776	19,715	21,284	6,648	12,630
Federal Government		7,772	8,479	8,320	6,161	8,783	11,509	6,310	5,199
State government		18,378	20,106	21,849	23,066	24,707	27,583	26,985	618
Local government	1,424	1,588	1,791	1,938	2,031	2,192	2,367	2,179	206
Endowment sernings	716	1,177	1,364	1,597	1,721	1,674	2,096	343	1,753
Private gifts, grants, and contracts 1	1.745	2,808	3,177	3,564	4,053	4,415	4,896	1,846	3,050
Educational activities *		1,239	1,410	1,583	1,723	1,971	2,126	1,424	702
Auxiliary enterprises	4,080	6,481	7,287	8,122	8,770	9,456	10,100	6,296	3,804
Other funds revenues *	4,083	7,146	8,198	9,448	10,275	11,304	10,490	5,782	4,700
Plant funds 4	3,311	4,382	4,774	5,185	4,997	6,236	6,737	4,406	2,331
Increase in fund balance		2,153	2,793	2,224	5,322	2,410	4,653	773	3,879
Endowment	229	1,874	2,493	2,030	4,675	2,146	4,302	694	3,607
Annuity and Ille income		64	58	49	• 177	69	153		144
Loens	231	215	244	145	* 269	193	196	70	126
Current funds expenditures *		56,914	64,063	70,330	75,936	81,993	99,951		31,637
Educational and general		44,543	50,074	54,849	58,929	63,741	70,061	46,874	23,190
Instruction		18,497	20,733	22,963	24,673	26,436	28,777	20,267	8,49
Institutional support		5,054	5,773	6,471	6,951	7,783	6,588	5,192	3,39
Research	3,132	5,099	5,658	5,930	6,265	6,724	7,552	5,119	2,43
Plant operation 7	2,787	4,700	5,350	5,979	6,392	6,730	7,346	5,041	2,30
Academic support		3,876 1,624	4,273	4,656	5,087	5,531	6,075	4,266	1,80
Libraries	1,002	1,024	1,759	1,922	2,040	2,231	2,361	1,557	80-
Student services	1,439	2,567	2,909	3,177	3,461	3,798	4,178	2,684	1,49
Scholarships and fellowships	1,450	2,200	2,505	2,685	2,923	3,302	3,671	1,375	2,29
Unrestricted funds		905	1,061	1,236	1,479	1,738	1,962	569	1,30
Restricted funds		1,296	1,424	1,449	1,444	1,563	1,709	806	903
Public service	1,096	1,817	2,058	2,204	2,320	2,499	2,861	2,316	54
Mandatory transfers	532	732	815	764	857	958	1,015	591	424
Audiery enterprises	4,074	6,486	7,288	7,998	8,614	9,250	10,012	6,432	3,58
Hospitals •	2,351	4,757	5,433	6,234	6,966	7,380	6,011	4,915	3,00
Independent operations	1,087	1,126	1,258	1,259	1,406	1,622	1,868	95	1,77
Gross addition to plant value		5,551	6,471	6,975	7,421	7,804	8,306	5,300	2,910
Value of plant (grounds, buildings, equipment).	62,163	83,733	50,761	94,517	100,993	107,640	114,764	77,314	37,45
Endowment (book value) *	13,403	18,561	20,941	23,085	26,352	29,502	33,300	6,478	28.92

Private grants represent nongovernmental revenue for sponsored research and other sponsored programs; includes private contracts.
 Sales and services of educational departments only.
 Includes sales and services of hospitals, federally funded research and development centers, and other sources.
 Annual net increase in plant funds.
 Includes mandatory transfers which are primarity current expenditures for plant.
 Includes mandatory transfers which are primarity current expenditures from current funds for plant expansion.
 Includes funds functioning as endowment funds.

Source: U.S. Dept. of Education, Center for Education Statistics, Digest of Education Statistics, annual.

### No. 246. HIGHER EDUCATION PRICE INDEXES: 1965 TO 1986

[1967 = 100. For years ending June 30. Reflects prices paid by colleges and universities. For explanation of average annual percent change, see Guide to Tabular Presentation]

		Average	P	ERSONNEL	COMPENSAT	ION	CON	TRACTED	SERVICES, S	SUPPLIES,	AND EQUI	PMENT
YEAR	index, total	annual percent change 1	Total	Profes- sional salaries	Nonpro- fessional salaries	Fringe bene- fits	Total	Serv- ices	Supplies and materials	Equip- ment	Books, periodi- cals	Utilities
1965	91	4.3	89	89	94	78	96	95	96	95	91	100
1970	121	5.9	124	121	118	146	111	113	106	111	121	10
1972	136	5.6	138	133	136	180	126	128	113	119	164	12
1973	143	5.3	146	138	144	198	132	132	116	123	177	12
1974	153	7.1	155	145	153	222	145	138	132	131	195	150
1975	166	8.6	166	154	166	241	169	150	164	154	220	200
1976	177	6.6	176	162	179	267	180	157	172	163	252	200 211
1977	189	6.5	187	169	192	295	195	167	181	172	268	25
1978	201	6.7	199	173	207	324	209	176	188	183	286	293
1979	217	7.7	215	189	223	367	226	187	203	198	316	25 29 32
1980	238	9.9	232	202	243	409	261	202	239	216	364	401
1961	264	10.7	255	220	266	460	299	225	270	237	400	80
1962	290	10.0	279	239	287	528	332	251	284	255	443	SO
1983	309	6.3	298	255	303	589	350	265	283	265	470	63
1984	325	5.4	316	267	319	633	360	277	292	270	467	50 50 63 64
1965	347	6.7	341	284	331	727	371	289	298	277	505	65
1986	363	4.4	360	301	343	771	370	303	295	283	524	ě

<sup>&</sup>lt;sup>1</sup> Change from immediate prior year.

Source: U.S. National Institute of Education, *Inflation Measures for Schools and Colleges*, 1983; beginning 1983, Research Associates of Washington, Washington, DC, *Higher Education Prices and Price Indexes*, annual.

### 247. FINANCES OF PUBLIC INSTITUTIONS OF HIGHER EDUCATION, 1986 AND 1987, AND BY STATE, 1987

academic years ending in year shown. Date provided by the State higher education finance officers, except as indicated]

	FTE	FOR CU OPERAT	RRENT	NET TU REVEN			FTE	FOR CU OPERAT	RRENT	NET TU REVEN	
ATE	enroll- ment (1,000)	Total (mil. dol.)	Per FTE 1 student (dol.)	Total (mil. dol.)	Per FTE stu- dent (dol.)	STATE	enroll- ment (1,000)	Total (mil. dol.)	Per FTE t student (dol.)	Total (mil. dol.)	Per FTE stu- dent (dol.)
1986 I, 1987	6,980.6 7,061.4	26,424.9 27,337.7	3,785 3,871	7,789.4 8,215.1	1,116	MS MO	84.7 129.7 26.9	227.4 435.5 89.5	2,684 3,359	111.3 175.8	1,314
	139.3	418.5	3,005	143.0	1,027	NE	56.8	149.3	3,323	25.0 63.0	1,109
rather the same	440	138.2	9,743	17.8	1,255	NV		88.5	4,122	23.2	1,080
		433.5	3,639	110.7	929	NH		52.7	2,464	67.8	3,170
	56.8	195.2	3,438	59.7	1,051	NJ	146.1	754.4	5,163	245.1	1,67
	0000	4.519.1	4,667	481.5	497	NM	48.2	199.0	4,129	34.9	72
***************************************	1111	305.0	2,673	208.4	1,826	NY	421.7	2,467.6	5.852	442.1	1.048
	FR 7	302.7	5,158	80.2	1,367	NC	239.4	919.5	3,841	146.9	614
-0040000000	21.4	92.2	4,314	62.5	2,924	ND	30.4	95.5	3,145	37.5	1,235
	7.8	67.7	8,719	6.3	811	OH	310.8	992.8	3,194	536.2	1,725
	000.4	838.2	3,147	207.6	779	OK	115.1	297.6	2,586	73.7	640
	126.5	554.9	4,387	163.0	1,289	OR	93.2	328.9	3,531	112.8	1,21
(September 1997)	28.3	223.0	7,876	18.0	636	PA	251.5	962.1	3,825	596.4	2,37
	31.0	123.0	3,974	18.9	611	RI	27.4	106.7	3,893	43.8	1,596
	350.8	1,251.1	3,567	296.7	846		80.3	362.3	4,509	123.8	1,54
-	1000	547.4	3,601	267.0	1,757	The manufacture and the second	17.8	46.3	2,601 4,453	20.7 155.9	1,16
		338.3	3,561	149.5	1,574	TX *	523.0	1,585.1	3,031	429.5	1,376
	92.0	299.3	3,253	102.6	1,115	UT	55.6	215.2	3,867	59.9	1,076
	91.0	328.6	3,611	110.0	1,209	VT	14.2	29.2	2,063	65.4	4.62
· ·	117.9	348.6	2,956	165.5	1,403	VA	184.2	676.3	3,672	273.2	1,48
	26.2	118.0	4,497	39.9	1,521	WA	150.4	533.9	3,550	153.5	1.02
Immenopus	142.9	499.5	3,495	208.7	1,460	WV	52.3	153.1	2,926	59.8	1,14
Templeusmesses	124.6	620.0	4,978	178.2	1,431	WI	188.7	680.8	3,609	294.0	1,558
-	321.1	1,166.1	3,631	603.6	1,880	WY	17.0	116.0	6.826	13.5	79
	160.4	618.0	3.854	184.1	1,148		1	1,4.5	5,000	10.0	10

-time equivalent (FTE). Credit and non-credit program enrollment including summer session. Excludes medical enrollments is and local appropriations. Includes aid to students attending in-State public institutions. Excludes sums for research, apricultions and cooperative extension, and hospitals and medical achools.

<sup>8</sup> Excludes appropriated aid to students attending institutions.

<sup>8</sup> Excludes appropriated aid to students attending institutions.

## O. 248. MAJOR FEDERAL STUDENT FINANCIAL ASSISTANCE PROGRAMS—TYPE OF PROGRAM, NUMBER OF RECIPIENTS, AND FUNDS UTILIZED: 1970 TO 1987

ward years July 1 of year shown to the following June 30. For information on various programs, see source. Funds utilized exclude operating costs, etc., and represent funds given to students]

PROGRAM	Unit	1970	1975	1980	1961	1983	1983	1984	1963	1986, prel.	1697, proj.
ants: ser of recipients s utilized age grant	Mil. doi	SEE	1,216 925 761	2,858 2,387 835	2,779 2,295 826	2,808 2,425 930	2,849 2,792 980	2,830 3,035 1,073	2,910 3,598 1,236	2,846 2,863 1,090	2,933 3,647 1,312
mental Educational portunity Grants: 1 per of recipients	Mil. dol	253.4 134 527	390.0 201 513	716.5 368 513	658.9 362 549	640.7 343 535	648.6 361 557	652.0 374 573	720.0 396 550	689.0 379 550	720.0 396 550
il Direct Student Loans: ber of recipients	Mil. dol	241	690.0 460 687 (NA)	813.4 694 853 606.1 11.9	684.1 580 648 640.7 11.1	674.9 597 684 675.2 10.5	718.6 682 949 668.0 9.5	697.2 677 971 690.1 8.3	856.6 792 925 (NA) (NA)	896.0 829 925 (NA) (NA)	944.0 673 925 (MA) (MA)
Work-Study: ber of recipients      utilized *age annual earnings	1,000 Mil. dol	425.0 200 470	570.0 295 518	819.1 660 806	739.4 624 644	720.1 615 854	771.8 684 886	735.5 645 877	786.6 692 880	752.7 662 880	786.6 892 880
éeed Student Loans: 4 ber of loans	Mil. dol Dollars Mil. dol	1,015 998	923 1,267 1,373 (NA) (NA)	2,904 6,200 2,135 1,694 9.7	3,165 7,226 2,213 1,984 8.7	3,022 6,694 2,215 2,515 8.3	3,268 7,578 2,319 3,191 8.3	3,722 8,608 2,313 4,227 8.9	3,728 8,831 2,369 (NA) (NA)	3,580 8,834 2,468 (NA) (NA)	3,844 9,528 2,478 (NA) (NA)

Not available. X Not applicable. <sup>1</sup> For 1970, data represents Educational Opportunity Grants Program. <sup>3</sup> Ininstitutional matching funds. <sup>9</sup> Loans in default represents all loans in Institutions' portfolio. <sup>4</sup> Beginning with 1981, iclude activity under the PLUS Program (includes the following eligible borrowers: Parents of dependent undergraduate is, independent undergraduate students, and graduate professional students). <sup>9</sup> Represents dollar amount of commit-<sup>9</sup> Cumulative dollar amount of default claims to lenders, minus cumulative collections as a percent of currulative disease.

xe: Research Associates of Washington, Washington, DC, State Profiles: Financing Public Higher Education, annual.

se: U.S. Dept. of Education, Office of Postsecondary Education, unpublished data.

148 Education

#### No. 249. Institutions of Higher Education—Charges: 1970 to 1987

[In dollars, Estimated, Data are for the entire academic year ending in year shown. Figures for 1970 are average charges for full-time resident degree-credit students; figures for later years are average charges per full-time equivalent student. Room and board are based on full-time students]

	TUIT	ION AND	REQUIRED	FEES		BOAR	D RATES	-	1	DORMITO	RY CHARGE	S
ACADEMIC CONTROL AND YEAR	All institu- tions	2-yr. col- leges	4-yr. univer- sities	Other 4-yr. schools	All institu- tions	2-yr. col- leges	4-yr. univer- sities	Other 4-yr. schools	All institutions	2-yr. col- leges	4-yr. univer- sities	Other 4-yr. schools
Public:	1754	Hotel	0.5	Hose		T.L.	131	100	10.7	th	100	
1970	323	178	427	306	511	465	540	483	369	308	395	346
1975	432	277	599	448	625	638	634	613	506	424	527	497
1980	583	355	840	662	867	894	898	833	715	572	749	703
1982	721	432	1,042	813	1,038	1.088	1.067	1,003	909	697	970	888
1983	798	473	1,164	936	1,136	1,162	1,167	1,103	1,010	755	1,072	993
1984	891	528	1,284	1,052	1,178	1,205	1,213	1,141	1,087	801	1,131	1,092
1985	971	584	1,386	1,117	1,241	1,302	1,276	1,201	1,192	1,302	1,276	1,201
1986, est	1,040	620	1,510	1,200	1,290	1,370	1,310	1,240	1,300	1,010	1,336	1,310
1987, est	1,100	650	1,590	1,270	1,360	1,450	1,380	1,300	1,360	1,060	1,400	1,370
Private:	10000	100	11000	72.7	12.00	77	100	1	1	100	179.50	1000
1970	1,533	1,034	1,809	1,468	561	546	608	543	436	413	503	409
1975	2,117	1,367	2,614	1,954	700	660	771	666	586	564	691	536
1980	3,130	2,062	3,811	3,020	955	924	1,078	911	827	769	999	768
1982	3,972	2,697	4,887	3,855	1,175	1,118	1,326	1,124	1,037	1,025	1,226	970
1983	4,439	3,008	5,583	4,329	1,300	1,179	1,501	1,234	1,181	1,177	1,453	1,083
1984	4,851	3,099	6,217	4,726	1,380	1,219	1,559	1,327	1,278	1,253	1,531	1,19
1985	5,314	3,485	6,843	5,135	1,462	1,294	1,647	1,405	1,426	1,424	1,753	1,309
1986, est		3,760	7,450	5,550	1,540	1,340	1,720	1,490	1,540	1,340	1,720	1,490
1987, est	6,230	4,060	8,060	6,000	1,600	1,400	1,790	1,550	1,640	1,600	2,020	1,520

Source: U.S. Department of Education, Center for Education Statistica, Digest of Education Statistics, annual.

#### No. 250. VOLUNTARY FINANCIAL SUPPORT OF HIGHER EDUCATION: 1970 TO 1986

[For school years ending in years shown; enrollment as of fall of preceding year. Voluntary support, as defined in Gift Reporting Standards, excludes income from endowment and other invested funds as well as all support received from Federal, State, and local governments and their agencies]

ITEM	Unit	1970	1975	1980	1961	1982	1983	1984	1985	1986
Estimated support, total 1	Mil. dol	1,780	2,160	3,800	4,230	4,860	5,160	5,500	6,320	7,400
Foundations	Mil. dol	484	497	903	922	1,003	1,018	1,081	1,175	1,363
Individuals		822	1,002	1,757	2,056	2.337	2,427	2,621	2,876	3,606
Alumni	Mil. dol	381	486	910	1,049	1,240	1,237	1,305	1,460	1,825
Business corporations	Mil. dol	269	357	696	778	976	1,112	1,271	1,574	1,702
Religious denominations	Mil. dol	102	112	155	140	175	206	190	208	211
Current operations	Mil. dol	951	1,370	2,250	2,590	2,870	3,125	3,405	3,800	4,022
Capital purposes	Mil. dol	829	790	1,550	1,640	1,990	2,035	2,195	2,520	3,378
Enrollment, higher education	1,000	8,094	10,224	11,570	12,097	12,372	12,426	12,465	12,242	12,247
Support per student	Dollars	220	211	328	350	393	415	449	516	604
In 1967 dollars	Dollars	194	137	142	135	140	141	147	163	186
Expenditures, higher education	Bil. dol	24.7	38.9	62.5	70.5	77.3	83.3	89.6	98.3	105.4
Expenditures per student	Dollars	3,052	3,805	5,402	5,828	6,248	6,704	7,188	8,030	8,606
In 1967 dollars	Dollars	2,698	2,460	2,327	2,245	2,225	2,282	2,358	2,536	2,651
Institutions reporting support	Number	1,045	986	1,019	928	1,101	1,137	1,118	1,114	1,194
Total support reported	MII. dol	1,472	1,675	3,055	3,318	4,086	4,368	4,686	5,295	6,332
Private 4-year institutions	Mil. dol	1,154	1,227	2,178	2,367	2,835	2,968	3,146	3,522	4,164
Public 4-year institutions	Mil. dol	292	431	856	929	1,217	1,362	1,504	1,728	2,104
Two-year colleges	Mil. dol	26	17	20	21	34	38	35	45	64

<sup>1</sup> Includes other contributions not shown separately.
Source: Council for Financial Aid to Education, New York, NY, Voluntary Support of Education, annual.

### No. 251. Institutions of Higher Education—Average Salaries and Fringe Benefits for FACULTY MEMBERS, BY TYPE OF CONTROL: 1970 TO 1987

[In thousands of dollars. For academic year ending in year shown. Figures are for 9 months teaching for full-time faculty members in four-year colleges and universities]

TYPE OF CONTROL AND ACADEMIC RANK	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
AVERAGE SALARIES  Public: All ranks	13.1 17.3 13.2 10.9 9.1 13.1 17.8 12.6 10.3 8.6	16.6 21.7 16.7 13.7 11.2 16.6 22.4 16.0 13.0 10.9	19.3 25.4 19.5 16.0 13.1 19.4 26.2 18.7 15.1 12.1	20.5 26.8 20.5 16.8 13.9 21.2 28.1 19.8 16.0 13.2	22.1 28.8 21.9 18.0 14.8 22.1 30.1 21.0 17.0 13.3	23.9 31.0 23.4 19.2 15.1 24.4 32.7 23.1 18.4 14.4	26.2 33.7 25.7 21.2 16.7 26.8 35.8 25.4 20.4 15.9	28.6 36.0 27.5 22.6 17.7 29.2 38.8 27.5 22.1 17.6	29.4 37.1 28.4 23.5 19.1 31.1 41.5 29.4 23.7 18.4	31.2 39.6 30.2 25.0 19.5 33.0 44.1 30.9 25.0 19.0	33.4 42.3 32.2 26.7 20.9 35.4 47.0 32.9 26.8 19.8	35.8 45.3 34.2 28.5 21.8 37.8 50.3 34.9 28.3 20.4
AVERAGE FRINGE BENEFITS All ranks combined: Public	1.9	2.5 2.8	3.0 3.3	3.4 3.6	3.9 4.1	4,7	5.1 5.4	5.4 5.7	6.0 6.4	7.0 7.2	7.3 8.0	7.8 8.6

<sup>&</sup>lt;sup>1</sup> Excludes church-related colleges and universities.

Source: Maryse Eymonerie Associates, McLean, VA. Data derived from the American Association of University Professional Communication of the Profession.

## 252. INSTITUTIONS OF HIGHER EDUCATION—TENURE STATUS OF FULL-TIME FACULTY, BY TYPE OF INSTITUTION AND RANK OF FACULTY: 1986

[Data are for those institutions of higher education reporting tenure status. Excludes echools with no tenure]

		TYPE OF IN	STITUTION			RAI	NK OF FACUL	.TY	
OF INSTITUTION AND STATUS	Total 1	Univer- sity	Other 4-yr. colleges	2-yr. colleges	Profes- sor	Associate professor	Assistant professor	Instruc- tor	Lecturer
PUBLIC toultytenure	266,070	90,326	114,479	61,265	83,476	67,841	58,939	18,142	5, <b>666</b>
	163,432	61,512	75,533	46,367	80,536	57,968	17,165	2,439	616
	86.9	66.1	66.0	75.7	98.5	85.4	29.1	13.4	10.9
PRIVATE SCURYtenure	92,682	30,051	61,278	1,353	30,744	26,237	26,357	6,314	1,249
	53,351	18,940	33,756	665	28,849	19,376	4,214	168	28
	57.6	63.0	55.1	46.4	93.6	73.6	16.0	2.7	2.1

ludes instructional faculty with no academic rank, not shown separately.

## No. 253. Monthly Salary Offers to Candidates for Degrees by Field of Study: 1980 to 1986

**Soliers.** Data are average beginning salaries based on offers made by business, industrial, government, and nonprofit and educational employers to graduating students. Data from representative colleges throughout U.S.]

		BACHE	LOR'S			MAST	ER'S			DOCT	OR'S	
HELD OF STUDY	1980	1984	1985	1986	1980	1984	1985	1986	1980	1984	1985	1986
stingss, general <sup>2</sup> ing <sup>3</sup> enng:	1,293 1,218 1,145	1,627 1,555 1,485	1,697 1,636 1,548	1,768 1,638 1,606	1,517 1,795 1,794	1,933 2,375 2,279	2,005 2,382 2,454	2,132 2,529 2,337	(NA) (NA)	(NA) (NA) (NA)	(NA) (NA) (NA)	(NA (NA
nical	1,554 1,801 1,690	1,897 2,285 2,213	1,969 2,369 2,283	2,011 2,438 2,364	1,753 1,947 1,912	2,227 2,557 2,584	2,363 2,596 2,727	2,391 2,678 2,851	2,089 2,452 2,534	3,108 3,239 3,430	2,507 3,405 3,542	2,892 3,557 3,845
hanical ear *	1,703 1,668 1,987	2,190 2,199 2,464	2,259 2,283 2,583	2,322 2,308 2,750	1,893 1,831 (NA)	2,524 2,471 (NA)	2,621 2,582 (NA)	2,740 2,933 (NA)	2,426 (NA) (NA)	3,199 (NA) (NA)	3,168 (NA) (NA)	3,435 (NA (NA
neering technology itry natics	1,585 1,459 1,475	2,078 1,756 1,950	2,137 1,897 2,047	2,183 1,948 2,037	(NA) 1,688 1,685	(NA) 2,228 2,397	(NA) 2,177 2,337	(NA) 2,333 2,548	(NA) 2,261 2,199	(NA) 2,960 2,963	(NA) 3,032 2,977	(NA 3,113 3,292
ities	(NA) 1,074 1,072	(NA) 1,477 1,452	(NA) 1,461 1,545	(NA) 1,608 1,665	(NA) 1,309 1,298	(NA) 1,561 1,648	(NA) 1,514 1,771	(NA) 1,624 1,754	2,303 (NA) (NA)	3,201 (NA) (NA)	3,176 (NA) (NA)	3,527 (NA (NA
ter science	1,558	2,046	2,082	2,216	1,858	2,505	2,584	2,777	(NA)	(NA)	(NA)	(NA

Not available. 

1 Candidates with 1 year or less of full-time nonmilitary employment.

2 For master's degree, offers are ortachnical undergraduate degree.

4 Includes computer engineering.

addes engineering physics.

4 Excludes economics.

### No. 254. EARNED DEGREES CONFERRED, BY LEVEL OF DEGREE: 1950 TO 1985

n thousands, except percent. Except as noted, includes Puerto Ricc; beginning 1980 includes Alaska and Hawaii. See Historical Statistics, Colonial Times to 1970, series H 751-763, for similar data. See also Appendix III]

	TO	TAL	BACHE	LOR'S 1	MAST	TER'S	DOCTO	RATES	PER	CENT OF TO	DTAL
EAR	Number	Percent male	Male	Female	Male	Female	Male	Female	Bache- lor's 1	Mester's	Doctor- ates
	499	75.6	330	104	41	17	6.0	.6	87.0	11.7	1.3
***************************************	354	65.0	164	104	39	19	8.0		81.1	16.4	آو ا
	479	65.8	256	139	51	24	8.8	1.0	62.4	15.5	1 5
	868	61.5	320	219	76	36	14.7	1.8	80.7	16.8	2. 2. 2.
	1.073	59.6	487	346	126	83	25.9	4.0	77.7	19.5	21
	1,321	58.0	580	429	158	120	27.4	6.5	78.4	21.1	2
***************************************	1,316	56.8	558	430	162	132	26.8	7.3	75.1	22.3	5
	1,345	58.2	562	436	168	145	26.3	7.8	74.2	23.3	2.0 2.0 2.0 2.1
	1,,,,,,	30.2	302	+30	100	143	20.3	7.0	/4.2	23.3	1
***************************************	1,344	55.4	552	441	168	150	25.2	6.1	73.9	23.7	2.5 2.6 2.1 2.1
**************	1,342	54.3	544	454	162	151	23.7	8.5	74.3	23.3	24
	1,335	53.3	534	486	154	146	23.6	9.2	74.9	22.6	2.9
······································	1,330	52.6	526	473	151	147	22.9	9.7	75.1	22.4	2.9
	1,336	51.8	523	464	147	149	22.7	10.2	75.4	22.2	2.
	1,353	51.2	526	499	146	150	22.2	10.5	75.7	21.8	2.4
<del></del>	1,365	51.1	530	512	145	145	21.9	10.9	76.3	21.2	2.4
	1,386	51.2	534	515	144	141	22.1	11.2	76.7	20.8	2.4
••••••	1 974	50.7	533	522	143	143	21.7	11.2	76.8	20.8	2:
••••	1 .,5,,	1			,					1 20.0	

fludes 1st professional degrees. <sup>9</sup> Data for 50 States and DC.

DE: U.S. Dept. of Education, Center for Education Statistics, Digest of Education Statistics, annual.

tos: College Placement Council, Inc., Bethlehem, PA, A Study of Beginning Offers, annual. (Copyright.)

tos: U.S. Dept. of Education, Center for Education Statistics, Digest of Education Statistics, annual.

150 **Education** 

No. 255. EARNED DEGREES CONFERRED, BY FIELD OF STUDY, AND LEVEL OF DEGREE: 1971 TO 1965

LEVEL AND FIELD OF STUDY	1971	1975	1979	1980	1981	1982	1983	1984	1985
Bachelor's, total	839,730	922,933	921,390	929,417	935,140	952,998	969,510	974,309	979,47
Agriculture and natural resources	12,672	17,528	23,134	22,802	21,886	21,029	20,909	19,317	18,10
Architecture and environmental design	5.570	8,226	9,273	9,132	9,455	9.728	9,823	9,186	9,32
Area and ethnic studies	2,582	3,544	3,006	2,840	2,887	2,862	2,971	9,186 2,879	2,86
Business and management	114,865	133,010	171,764	185,361	199,338	214,001	226,893	230,031	233,3
Communications 1 Computer and information sciences	10,802	19,248	26,457	28,616	31,282	34,222	38,602	40,165	42,0
Computer and information sciences	2,388	5,033	8,719	11,154	15,121	20,267	24,510	32,172	38,8
Education	50,046	167,015 46,852	126,109 62,375	118,169 68,893	108,309 75,000	101,113	97,991 69,270	92,382	88,1 96,1
Foreign languages	19,945	17,606	11,825	11,133	10,319	9,841	9,685	9,479	9,9
lealth sciences	25,190	48,858	61,819	63,607	63,348	63,385	64,614	64,338	64,5
forme economics	11,167	16,772	18,300	18,411	18,370	17,872	16,705	16,316	15,5
AW	545	436	678	683	776	846	1,099	1,272 33,739	1,1
etters	64,933	48,534	34,557	33,497	33,208	34,334	32,743	33,739	34,0
iberal/general studiesibrary and archival sciences	5,461	13,032	19,524	20,069	18,596	18,145	18,524	18,815	19,1
library and archival sciences	1,013	1,069	558	398	375	307	258	255	2
ife sciences	35,743	51,741	48,846	46,370	43,216	41,639	39,982	38,640	38,4
Vathematics	24,801	18,181	11,806	11,378	11,078	11,599	12,453	13,211	15,1
Military sciences	357 8,306	15,185	14,630	14,404	305 15,895	17,651	17,282	16,734	15,7
Parks and recreation	1,621	4,518	5,981	5,753	5,729	5,335	5,198	4,752	4,5
Philosophy, religion, and theology	11,890	13,806	13,438	13,276	12,617	12,307	12,536	12,349	12,4
Physical sciences	21,412	20,778	23,207	23,410	23,952	24,052	23,405	23,671	23,7
Psychology	37,880	50,988	42,461	41,962	40,833	41,031	40,364	39,872	39,8
Protective services	2,045	9,956	14,803	15,015	13,707	12,438	12,579	12,654	12,5
Public affairs	6,252	14,730	18,882	18,422	18,714	18,739	16,290	14,396	13,8
Social sciences	155,236 30,394	135,165 40,782	107,922	103,519	100,345	99,545	95,088 39,469	93,212 39,833	91,4
		Utoliu az		- 100		10000			1.50
Master's, total		292,450	301,079	298,081	295,739	295,546	289,921	284,263	286,2
Agriculture and natural resources	2,457	3,067	3,994	3,976	4,003	4,163	4,254	4,178	3,9
Architecture and environmental design	1,705	2,938 1,166	3,113 853	3,139 852	3,153	3,327	3,357	3,223	3,2
Business and management	26,481	36,247	50,372	55,006	57,898	61,299	826 65,319	66,653	67,5
Communications 1	1,856	2,794	2,882	3,082	3,105	3,327	3,604	3,656	3,6
Computer and information sciences	1,588	2,299	3,055	3,647	4,218	4,935	5,321	6,190	7,1
ducation	88,952	120,169	111,995	103,951	98,938	93,757	84,853	77,187	76,1
Engineering 1	16,443	15,348	15,495	16,243	16,709	17,939	19,350	20,661	21,5
Foreign languages	4.755	3,807	2,426	2,236	2,104	2,008	1,759	1,773	1,7
Health sciences	5,445	9,901	14,781	15,068	16,004	15,942	17,068	17,443	17,3
Home economics	1,452 955	1,901	2,510	2,690	1,832	2,355 1,893	2,406	1,802	1,7
Letters	11,148	10,068	1,647 7,289	1,817 6,807	6,515	6,421	2,091 5,767	5,818	5,9
	100	0.71	1 2 2 1	200	1000	100000	1000	12722.	
Liberal/general studies	549	1,630	1,251	1,373	1,085	1,094	889	1,173	1.1
Jorary and archival sciences	7,001	8,091	5,906	5,374	4,859	4,506	3,979	3,805	3,8
Life sciences	5,728 5,191	6,550	6,831 3,036	6,510	5,978	5,874	5,696 2,837	5,406 2,741	5,0
Military sciences.	5,191	4,327	38	2,860	2,567	2,727	110	127	2,0
Multi/interdisciplinary studies	1,157	1,938	3,335	3,579	3,434	3,884	2,930	3,148	3,1
Parks and recreation	218	604	755	647	643	526	565	2 555	5
Philosophy, religion, and theology	4.036	4,630	4,701	5,126	5,449	5,216	5,873	6,259	5,5
Physical sciences	6,367	5,807	5,451	5,219	5,284	5,514	5,290	5,576	5,7
Physical sciences Psychology Protective services	4,431	7,066	8,003	7,806	7,998	7,791	8,378	8,002	8,4
Protective services	194	993	1,729	1,805	1,538	1,336	1,300	1,219	1,2
Public affairs	8,215	14,610	18,300	18,413	18,524	18,216	16,245	15,373	16,0
Social sciencesVisual and performing arts	16,476	16,892 8,362	12,807 8,524	12,101 8,708	11,855 8,629	11,892 8,746	11,112 8,742	10,465 8,520	10,3
Doctorate's, total	4.70	1,75,577	1000	250	10000	100.00	1	15355	32,9
		34,083	32,730	32,615	32,958	32,707	32,775	33,209	-
Agriculture and natural resources Architecture and environmental design	1,086	991	950	991	1,067	1,079	1,149	1,172	1,2
Area and ethnic studies	144	165	96 135	79 151	93 162	102	153	139	1
Area and ethnic studies	807	1,009	860	792	842	855	809	977	8
Communications 1	145	165	192	193	182	200	214	219	2
Computer and information sciences	128	213	236	240	252	251	262	251	2
Education	6,403	7,446	7,736	7,941	7,900	7,680	7,551	7,473	7,1
Engineering 1	3,638	3,108	2,506	2,507	2,561	2,636	2,831	2,981	3,2
oreign languages	781	857	641	549	588	536	488	462	. 4
Health sciences	459	609	705	771	827	910	1,155	1,163	1,1
numer economics	123	156	219	192	247 60	247	255	279	2
.etters	1,857	1,951	1,504	1,500	1,380	1,313	1,176	1,215	1,2
Life sciences	3,645	3,384	3,542	3,636	3,718	3,743	3,341	3,437	3,4
Mathematics Multi/interdisciplinary studies Philosophy, religion, and theology	1,199	975	730	724	728	681	698	695	6
Multi/interdisciplinary studies	80	254	445	295	256	358	387	378	2
Philosophy, religion, and theology	866	1,416	1,647	1,693	1,686	1,652	1,612	1,644	1,6
	4,390	3,626	3,102	3,089	3,141	3,286	3,269	1,644 3,306	3.4
rnysical sciences					OOFF	2 700	2 100		2,9
Physical sciences Psychology	1,782	2,442	2,662	2,768	2,955	2,780	3,108	2,973	2,0
Physical sciences	1,782	271	344	372	388	389	347	421	4
Physical sciences Psychology	1,782	2,442 271 4,209 649					347 2,931 692		2,8

Includes technologies. \* Data revised since originally published.

NO. 256. DEGREES CONFERRED IN SELECTED PROFESSIONS: 1960 TO 1965
[First professional degrees for medicine, dentistry, and law. As of apring. See Appendix III]

TYPE OF DEGREE AND BEX OF RECIPIENT	1985	1970	1075	1970	1075	1965	1951	1962	1962	1984	1985
Hedicine (N.D.): Institutions conferring											
degrees	79		104	109	109	112	116	119	116	119	120
Degrees conferred, total	7,032	8,314	12,447	14,279	14,786	14,902	15,506	15,814	15,464	15,813	18,041
Women	6,645	7,615 690	10,816	11,210	11,361	11,416 3,486	11,672 3,833	11,867 3,947	11,350 4,134	11,359 4,454	11,187 4,874
Percent of total	5.5	8.4	13.1	21.5	23.0	23.4	24.7	25.0	26.7	28.2	30.4
Dentistry (D.D.S. or D.M.D.): Inetitutions conferring											
Degrees conferred, total	45	48	52	57	56	56	58	58	58	80	50
Degrees conferred, total	3,247 3,221	3,718 3,664	4,773	5,188	5,434	5,258	5,460	5,282 4,467	5,506 4,631	5,353 4,302	5,339 4,233
MenWomen	3,221	3,034	4,827	4,623 586	4,794	4,558 700	4,672 786	815	954	1,061	1,106
Percent of total	7	.9	3.1	10.9	11.8	13.3	14.4	15.4	17.1	19.6	20.7
institutions conferring	l		1		1			İ	l	1	
Institutions conferring	١	l	١		١						l
degrees	134	145	154	189	175	179	177	180	177	179	181
Degrees conferred, total	9,240	14,916	29,296 24,881	34,402 28,457	35,206 25,180	35,647 24,893	36,331 24,563	35,991 23,965	36,853 23,560	37,012 23,362	37,491 23,070
Women	230	901	4,415	8.945	10.026	10,754	11,786	12.026	13,303	13.630	14,421
Percent of total	2.5	5.4	15.1	26.0	26.5	30.2	32.4	33.4	36.4	36.8	36.5
Engineering: 1		ŀ	l		l			1			
Degrees conferred, total	45.624	66,753	65,306	74.462	80,376	87,643	94,270	100,590	111,451	118,066	120,892
Bechelor's	37,679	44,479	46,862 15,348	55,654	62,375	68,893 16,243	75,000	80,005	89,270	94,444	95,105
Degrees conferred, total	7,150	15,593	15,348	16,398	15,495	16,243	18,709	17,939	19,350	20,661	21,557
Doctorate's	786	3,661	3,106	2,440	2,506	2,507	2,561	2,838	2,831	2,961	3,230
Men	45,453	63,227	63,853	66.661	74,166	80,001	85,105	89,706	96.575	103,629	105,724
Women	. 171	526	1,455	4,631	6.208	7,842	9,185	10,874	12,876	14,457	15,168
Percent of total	4	.6	2.2	6.2	7.7	8.7	9.7	10.8	11.6	12.2	12.5

<sup>&</sup>lt;sup>1</sup> Includes engineering technologies.

Source: U.S. Dept. of Education, Center for Education Statistics, Digest of Education Statistics, annual.

No. 257. EARNED DEGREES BELOW BACHELOR'S, BY CURRICULUM: 1983 TO 1985

(in thousands, except percent. Covers associate degrees and other awards based on post-secondary curriculums of less than 4 years in institutions of higher education)

ments are second	****		****	PERC	ENT FE	MALE
FIELD OF STUDY	1983	1984	1985	1983	1984	198
All degrees	605,605	610,332	614,749	53.6	54.3	61.4
Agriculture and natural resources	11,672	10,641	10,466	30.3	28.9	29.6
Architecture and environmental design	2,012	1,927	1,939	81.9	84.3	82.5
vea and ethnic studies	60	64	69	58.3	60.9	71.
Business and management	161,885	166,238	170,170	65.8	66.5	68.4
Communications 2	4,309	4,162	4,580	44.7	43.2	39.
Computer and information sciences	12,970	16,111	15,896	50.5	49.1	49.3
ducation		8,503	8,551	69.5	72.2	70.
ngineering <sup>1</sup>	101,707	100,080	100,146	8.4	7.9	7.1
oreign languages	394	372	427	56.3	57.5	49.
lealth sciences		107.142	107,248	87.6	87.0	86.
forme economics	14.360	14,344	14,966	75.4	75.0	74.5
AW		2,551	2,948	83.0	83.1	84.
ellers		822	681	63.6	64.8	65.5
iberal/general studies	110,400	109,451	107,814	54.9	54.9	55.
ibrary and archival sciences	305	260	253	88.9	86.2	89.
ife sciences		1,297	1,205	47.9	52.4	60.8
dathematics	813	821	813	37.7	36.4	37.
Allitary sciences	88	87	34	2.3	4.6	CB.
Mutti/interdisciplinary studies	10,518	8,398	8,697	53.6	54.5	53.
Parks and recreation	1,144	819	893	52.6	50.9	51.
Philosophy, religion, and theology	1,610	1,740	1,830	44.5	44.3	47.
Physical sciences		2,990	2,296	34.7	34.7	36.
Psychology		1,147	1,032	64.6	67.0	68.
Protective services		15,554	16,057	23.6	23.8	23.
Public affairs		5,812	6,230	49.8	47.2	40.
Social sciences		2,755	2,613	52.9	57.1	57.
Visual and performing arts		26,244	24,358	30.9	32.7	31.

Represents zero. <sup>1</sup> Includes 2,537 degrees not distributed by field of study. <sup>2</sup> Includes technologies.
 Source: U.S. Dept. of Education, Center for Education Statistics, Digest of Education Statistics, annual; and unpublished data.

152 Education

### No. 258. COLLEGE AND UNIVERSITY LIBRARIES—SUMMARY: 1985

[For school year ending in year shown. Based on survey of academic libraries and joint library systems in the 50 States and DC. Data from Survey of College and University Libraries, Fall 1985]

	VOLU		TITI			OPERATING (\$1,0			STA	PF 1
TYPE OF CONTROL AND ENROLLMENT SIZE	Total (1,000)	Per FTE <sup>1</sup> stu- dent	Total (1,000)	Per FTE 1 stu- dent	Total <sup>2</sup>	Wages and salaries <sup>3</sup>	Books	Serial subscrip- tions	Total	Librar- ians
All types, public	373,446		180,388	17	1,608,809	792,574	194,826	222,348	65,565	13,514
10,000 or more 5,000 to 9,999	253,441	43 25	105,086 35,891	18 15	1,080,621 249,337	525,846 128,290	132,041 29,786	159,228 31,436	35,159 9,255	8,260 2,301
1,000 to 4,999	56.092	27	35,867	17	251,373	127,185	29,431	27.525	10,124	2.61
500 to 999	4,233	43	2,943	30	21,264	10.138	2,685	3,100	606	23
500 or less		32	598	21	6,214	3,113	683	1,059	245	72
All types, private	260,402	94	129.000	46	986,189	288,146	100,983	115,926	33,249	8,40
10,000 or more	79,220	118	29,126	43	269,950	133,004	32,218	39,583	9,173	8,400 2,467 1,300
5,000 to 9,999	42,633	82	14,689	29	143,618	65,753	18,399	24,503	4,969	1,300
1,000 to 4,999	90,559	76	53,431	45	265,033	118,498	41,957	38,269	13,074	2,99
500 to 999		97	17,737	85	64,210	29,868	9,045	8,743	3,470	900
500 or less	21,514	175	13,884	113	45,368	22,003	7,374	4,800	2,560	73

<sup>&</sup>lt;sup>1</sup> Full-time equivalent. <sup>2</sup> Includes expenses not shown separately; excludes capital outley. <sup>2</sup> Excludes fringe benefits and wages for student assistance. <sup>4</sup> Any publication issued on a recurring basis and held for reference.

Source: U.S. Dept. of Education, Center for Education Statistics, unpublished data.

No. 259, LIBRARIES-NUMBER, BY TYPE: 1980 TO 1986

			100	15				190	16
TYPE	1980	1985	Total	Per- cent	TYPE	1980	1906	Total	Per- cent
Total 1	31,564	32,323	34,923	100.0	AcademicJunior college	4,591 1,191	5,034 1,168	4,961 1,265	14.3
United States	28,638	29,843	30,864	88.4	Universities, colleges	1,911	2,022	2,113	6.1
Public	8,717	8,849	8,865	25.4	Departmental	1,489	1,824	1,583	4.5
Public branches	5.936	6,330	6,350	18.2	Law, medicine, religious	269	531	611	1.7
Special	4.645	4,589	5.486	15.7	Armed Forces	485	526	464	1.4
Medical	1,674	1,687	2,058	5.9	Law *	417	435	635	1.8
Government	1,260	1,574	1,237	3.5					ı
Religious	913	839	768	2.3	Outlying areas	113	114	99	.3

<sup>&</sup>lt;sup>1</sup> Includes public libraries with annual incomes of less than \$2,000 or book funds of less than \$500, law libraries with less than 10,000 volumes each, Canadian libraries, and libraries in regions administered by the U.S., not shown separately.
<sup>2</sup> Law libraries with less than 10,000 volumes are included if they specialize in a special field.

Source: R.R. Bowker Co., New York, NY, The Bowker Annual of Library & Book Trade Information and American Library Directory, annual. (Copyright by Reed Publishing.)

No. 260. Patron Use of Computers in Public Library Systems: 1984-1985

[For winter 1984-85. Based on survey and subject to sampling error. See source for details]

			POPU	LATION SE	RVED		REG	ON <sup>1</sup>	
CHARACTERISTIC	Unit	Total	Lees than 10,000	10,000 to 99,999	100,000 and over	North Atlantic	Great Lakes and Plains	South- east	West and South- west
Library systems With computers for use *	Percent	18 15	5,447 13 10 4	2,697 26 23 6	394 42 41 3	2,709 21 13 9	3,496 16 16 3	1,003 17 16 1	1,328 19 18 2
Computers for use	Percent	75	900 68 1.3	1, <b>60</b> 0 73 2.3	800 88 4.6	900 57 1.6	1,200 80 2.1	400 91 2.4	800 82 3.0
Duter 3 4	Hours Percent	23.3 71	16.9 81	26.0 86	25.2 58	21.9 72	26.6 71	125 71	25.5 70

For definition of regions, see footnotes, table 227. Libraries systems with computers for use both inside and outside the library are counted only once in the total. For systems with computers for patron use. For computers used in library.

Source: U.S. Dept. of Education, Center for Education Statistics, Bulletin, "Patron Use of Computers in Public Libraries," March 1986.

### NO. 281. PARTICIPANTS IN ADULT EDUCATION, BY SELECTED CHARACTERISTICS: 1984

year ending in May 1994. Persons 17 years of age and over on the data of the survey. Adult education participants are ad in part-time organized educational activities such as college courses, employee training, continuing education and I instruction. Based on Current Population Survey; see text, section 1, and Appendix III)

			ARTICIP	ANTE IN A	DUAT ED	UCATION	
CHARACTERISTIC	Number adults in popula-	Tot	al	Full-6 studer		Not full student	
27.77.0 X12.	tion (1,000)	Num- ber (1,000)	Per- cent	Num- ber (1,000)	Per- cent	Num- ber (1,000)	Per- cent
	172,583	23,303	13.5	1,118		22,184	12.6
	200	5.4.	100	1. 1.2	. 32		
years old.	71,891	11,704	16,3	948	1.3	10,756	15.0
years old	52,303	8,864	16.9	152	.3	8,712	16.7
ars old and over	48,388	2,735	5.7	18	(z)	2,717	5.6
	81,700 90,883	10,446	12.8	485 634	.6	9,961	12.2
	90,003	12,807	14.1	634		12,224	18.0
ithnic group: non-Hispanic			1.30	275		A. C. T.	100
non-Hispanic	139,777	20,429	14.6	939	.7	19,491	13.9
non-Hispanic	18,628	1,506	8.1	88	.5	1,418	7.8
nic	9,706	796	8.2	63	.8	733	7.6
	4,472	571	12.8	28	.6	543	12.1
level of education: than 4 years high school					1.0		
than 4 years high school	47,297	1,890	4.0	315	.7	1,574	3.3
rs of high school	66,224	6,991	10.6	193	.3	6,799	10.3
years of college		6,022	19.9	394	1.3	5,628	16.6
nore years of college	28,775	8,400	29.2	217	.8	8,184	28.4
wce status:							
or force	112.441	19,788	17.6	740	7	19.047	16.9
ployed	104,464	18,929	18.1	654	8	18,275	17.5
employed	7,977	859	10.8	86	1.1	772	9.7
labor force	60.141	3,515	5.8	378	.6	3,137	5.2
ping house	31,131	2,178	7.0	22	.1	2,156	6.9
ng to school	6,866	524	7.6	330	4.8	196	2.8
	22,144	813	3.7	26	-,1	786	3.5
family income:		1		1		L.	1.30
\$5,000	13,016	797	6.1	85	.7	712	5.5
0 to \$9,999	21,870	1,454	6.6	113	.5	1,341	6.1
00 to \$14,999	22,588	2,117	9.4	93	- 4	2.023	9.0
00 to \$19,999	19,775	2.508	12.7	114	.6	2,394	121
00 to \$29,999	32.521	5,128	15.8	222	.7	4,906	15.1
00 to \$39,999	24,126	4,424	18.3	186	. 8	4,238	17.6
00 to \$49,999	12.643	2.626	20.8	103	8	2.522	19.5
00 to \$74,999	11,981	2.543	21.2	123	1.0	2,420	20.2
00 or more.	5,112	1.011	19.8	48	9	963	18.8
ported			7.8	32	A		7.4
sported	8,951	695	7.8	32	A	664	7.

as then .05 percent. In high acheol or college degree programs on the date of the survey, aduate students and college students who indicated that they were also adult education participants.

## No. 282. Courses Taken by Participants in Adult Education: 1984 [See headnote, table 281]

ELD OF STUDY		TAL 2000)	DISTRIE				TAL (000)	DISTRIB	
VELD OF STOOT	Male	Fe- male	Male	Fe- male	OR REASON	Male	Fe- male	Malia	Fo- male
al courses 1	17,770	22,981	100.0	100.0	Philosophy, religion, and	1,028	1,674	5.8	72
ual and performing	509	1,640	2.9	7.1	Physical education and	1,020	1,074	3.0	1.4
	4,329	4,852	24.4	20.2	leisure	684	1,540	3.8	7.1
00	863	2,011	4.9	8.8	Social sciences and social	160	740.00	100	100
ring and engineering	0.75	President	0.3	11.00	studies	1,230	850	6.9	3.7
ology	4,030	1,869	22.7	8.1	Total courses 1	17,770	22.961	100.0	100.0
care and health	1000	Jan. 1	5.0	1.00	Job-related reasons	12,607	13,552	70.9	59.0
ces	1,648	3,453	9.3	15.0	To get new job	1,824	2,979	10.3	13.0
aducation	346	858	1.9	2.7	In current occupation	395	588	2.2	2.5
ge, linguistics, and	1000	7.5.3		1000	In new occupation	1,428	2,389	8.0	10.4
ure	828	1,338	4.7	5.8	To advence in job	10,004	9,898	56.3	42.
ence, physical				2.5	Other job-related reasons	780	876	4.4	3.8
pes, and mathemati-			2 20	100	Non-job related reasons	5,116	9,330	28.8	40.6
siences	609	722	2.4	3.1	General education	1,448	6,910	18.6	30.

sides courses or reasons not shown separately.

io el tableo 201 and 202. U.S. Dopt, el Education, Conter for Education Statistics, "Survey el Adult Education, Content Propositoly, May 1994," unpublished data.

<sup>\*</sup> includes part-time

Figure 5.1 Selected Crime Rates: 1977 to 1986

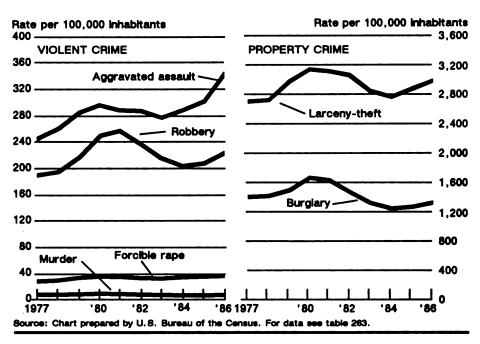
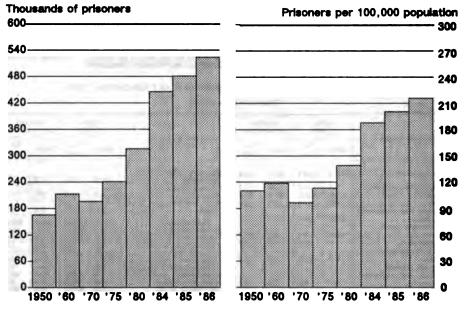


Figure 5.2

Federal and State Prisoners: 1950 to 1986



Source: Chart prepared by U.S. Bureau of the Census. For data see table 305.



Section 5

## Law Enforcement, Courts, and Prisons

section presents data on crimes committed, victims of crimes, arrests, and data related to il violations, and the criminal justice system. The major sources of these data are the Bureau ice Statistics (BJS) and the Federal Bureau of Investigation (FBI). BJS issues several reincluding Sourcebook of Criminal Justice Statistics, Criminal Victimization in the United Prisoners in State and Federal Institutions, Children in Custody, National Survey of Court tation, Census of State Correctional Facilities, Census of Jalls and Survey of Jall Immates, in the United States, and Capital Punishment. In addition, the annual Expenditure and Emvit Data for the Criminal Justice System is issued jointly by BJS and the Bureau of the 1. The Federal Bureau of Investigation's major annual report is Crime in the United States, presents data on reported crimes as gathered from State and local law enforcement agen-

r major sources of these data include: Annual Report of the Director, Federal Court Manage-Statistics, Federal Offenders, and Sentences Imposed Chart issued by the Administrative of the U.S. Courts; Governmental Finances and Public Employment, issued annually by the of the Census; and the Statistical Report, issued annually by the Federal Bureau of Prisons. Il juriediction and law enforcement.—Law enforcement is, for the most part, a function of ind local officers and agencies. The U.S. Constitution reserves general police powers to the By act of Congress, Federal offenses include only offenses against the U.S. Government painst or by its employees while engaged in their official duties, and offenses which involve using of State lines or an interference with interstate commerce. Excluding the military, there separate criminal law jurisdictions in the United States: 1 in each of the 50 States, 1 in the of Columbia, and the Federal jurisdiction. Each of these has its own criminal law and procend its own law enforcement agencies. While the systems of law enforcement are quite similar the States, there are often substantial differences in the penalties for like offenses.

enforcement can be divided into three parts: Investigation of crimes and arrests of persons sted of committing them; prosecution of those charged with crime; and the punishment or ant of persons convicted of crime.

provided by the FBI through its Uniform Crime Reporting Program (UCR). The FBI receives y and annual reports from law enforcement agencies throughout the country, currently repre-1 97 percent of the national population. Each month, city police, sheriffs, and State police file on the number of index offenses that become known to them. The FBI Crime Index ofare as follows: Murder and nonnegligent manslaughter, is based on police investigations, as ed to the determination of a medical examiner or judicial body, includes willful felonious homiand excludes attempts and assaults to kill, suicides, accidental deaths, justifiable homicides, eaths caused by negligence; forcible rape includes forcible rapes and attempts; robbery instealing or taking anything of value by force or violence or threat of force or violence and is attempted robbery; aggravated assault includes assault with intent to kill; burglary includes lawful entry to commit a felony or a theft and includes attempted burglary and burglary folby larceny; larceny includes theft of property or articles of value without use of force and se or fraud and excludes embezzlement, "con games," forgery, etc.; motor vehicle theft inall cases where vehicles are driven away and abandoned, but excludes vehicles taken for many use and returned by the taker. Arson was added as the eighth Index offense in April ollowing a Congressional mandate. Arson includes any willful or malicious burning or attempt with or without intent to defraud, a dwelling house, public building, motor vehicle or aircraft, property of another, etc.

monthly Uniform Crime Reports also contain data on crimes cleared by arrest and on chartics of persons arrested for all criminal offenses. In summarizing and publishing crime data, the FBI does not vouch for the validity of the reports it receives, but presents the data as information useful to persons concerned with the problem of crime and criminal-law enforcement.

National Crime Survey (NCS)—A second perspective on crime is provided by the NCS of the Bureau of Justice Statistics. The NCS includes offenses reported to the police, as well as those not reported (see table below for percent of victimizations reported to the police). Details about the crimes come directly from the victims. No attempt is made to validate the information against police records or any other source. The NCS measures rape, robbery, assault, household and personal larceny, burglary, and motor vehicle theft.

Murder and kidnaping are not covered. Commercial burglary and robbery were dropped from the program during 1977. The so-called victimless crimes, such as drunkenness, drug abuse, and prostitution, also are excluded, as are crimes for which it is difficult to identify knowledgeable respondents or to locate data records.

Crimes of which the victim may not be aware also cannot be measured effectively. Buying stolen property may fall into this category, as may some instances of embezzlement. Attempted crimes of many types probably are under recorded for this reason. Events in which the victim has shown a willingness to participate in illegal activity also are excluded.

In any encounter involving a personal crime, more than one criminal act can be committed against an individual. For example; a rape may be associated with a robbery; or a household offense, such as a burglary, can escalate into something more serious in the event of a personal confrontation. In classifying the survey- measured crimes, each criminal incident has been counted only once—by the most serious act that took place during the incident and ranked in accordance with the seriousness classification system used by the Federal Bureau of Investigation. The order of seriousness for crimes against persons is as follows: Rape, robbery, assault, and larceny. Consequently, if a person were both robbed and assaulted, the event would be classified as robbery; if the victim suffered physical harm, the crime would be categorized as robbery with injury. Personal crimes take precedence over household offenses.

A victimization, basic measure of the occurrence of crime, is a specific criminal act as it affects a single victim. The number of victimizations is determined by the number of victims of such acts. Victimization counts serve as key elements in computing rates of victimization. For crimes against persons, the rates are based on the total number of individuals age 12 and over or on a portion of that population sharing a particular characteristic or set of traits. As general indicators of the danger of having been victimized during the reference period, the rates are not sufficiently refined to represent true measures of risk for specific individuals or households. For further details regarding the NCS, see Criminal Victimization in the United States, by the U.S. Bureau of Justice Statistics.

An incident is a specific criminal act involving one or more victims; therefore the number of incidents of personal crime is lower than that of victimizations.

NCS estimates appearing in 1980 and earlier reports made use of population controls derived from the 1970 census. Thereafter, population estimates based on the 1980 census were used. Victimization rates, key measures of the occurrence of crime, and all percentages generally were unaffected by the change in the estimation procedure. Thus, the vast majority of data appearing after 1980 are compatible with data in previous NCS reports.

# POLICE REPORTING RATES FOR PERSONAL AND HOUSEHOLD CRIMES: 1975 TO 1985 [Percent of victimization reported to the police]

SECTOR AND TYPE OF CRIME	1975	1976	1977	1978	1979	1980	1981	1982	1982	1984	1905
Personal sector:		1									
Crimes of violence	47.2	48.8	46.1	44.2	45.1	47.1	46.6	48.2	47.2	46.6	47.9
Rape	56.2	52.7	58.4	48.8	50.5	41.4	55.7	52.8	47.0	56.0	61.0
Robbery	53.3	53.3	55.5	50.5	55.5	56.8	55.8	56.2	52.6	54.8	53.5
Robbery with injury	65.0	62.9	66.1	65.4	62.2	69.6	66.6	67.1	66.3	60.8	63.5
Robbery without injury	47.9	48.6	49.6	43.6	52.0	50.1	50.7	51.2	45.9	51.2	49.3
Assault	45.2	47.5	43.5	42.7	42.4	44.9	43.7	45.9	45.8	44.3	46.4
Crimes of theft	26.3	26.6	24.8	24.6	24.0	26.9	26.7	26.9	26.5	26.3	27.4
Personal larceny with contact	34.5	36.2	37.2	33.7	35.6	35.7	40.4	32.7	35.9	31.5	33.2
Personal larceny without contact	26.0	26.3	24.5	24.3	23.6	26.5	26.2	26.7	26.1	26.1	27.1
Household sector:			ĺ	1				1			
Household burglary	48.6	48.1	48.8	47.1	47.6	51.3	51.1	49.3	48.7	49.4	49.7
Household larceny	27.1	27.1	25.4	24.5	25.1	27.5	26.2	26.8	25.4	26.8	26.8
Motor vehicle theft	71.1	68.5	68.4	66.1	68.2	69.3	66.6	72.4	68.5	68.8	70.6
			i								1

Courts.—Court statistics on criminal offenses and the outcome of prosecutions are incomplete or the country as a whole, although data are available for many States individually. The only national compilations of such statistics were made by the Bureau of the Census for 1932 to 1945 covering a maximum of 32 States.

The bulk of civil and criminal litigation in the country is commenced and determined in the various state courts. Only when the U.S. Constitution and acts of Congress specifically confer jurisdiction ipon the Federal courts may civil litigation be heard and decided by them. Generally, the Federal courts have jurisdiction over the following types of cases: Suits or proceedings by or against the Juited States; civil actions between private parties arising under the Constitution, laws, or treaties if the United States; civil actions between private litigants who are citizens of different States; civil actions between private litigants who are citizens of different States; civil acts in bankruptcy.

There are several types of courts with varying degrees of legal jurisdiction. These jurisdictions notice original, appellate, general, and limited or special. A court of original jurisdiction is one tening the authority initially to try a case and pass judgment on the law and the facts; a court of impellate jurisdiction is one with the legal authority to review cases and hear appeals; a court of peneral jurisdiction is a trial court of unlimited original jurisdiction in civil and/or criminal cases, also salled a "major trial court"; a court of limited or special jurisdiction is a trial court with legal authority over only a particular class of cases, such as probate, juvenile, or traffic cases.

The 94 Federal courts of original jurisdiction are known as the U.S. district courts. One or more if these courts is established in every State and one each in the District of Columbia, Puerto Rico, he Virgin Islands, the Northern Mariana Islands, and Guarn. Appeals from the district courts are also to intermediate appellate courts of which there are 13, known as U.S. courts of appeals and he United States Court of Appeals for the Federal Circuit. The Supreme Court of the United States is the final and highest appellate court in the Federal system of courts.

Juvenile offenders.—For statistical purposes, the FBI and most States classify as juvenile of enders persons under the age of 18 years who have committed a crime or crimes.

Delinquency cases are all cases of youths referred to a juvenile court for violation of a law or ordinance or for seriously "antisocial" conduct. Several types of facilities are available for those adjudicated delinquent, ranging from the short-term physically unrestricted environment to the long-arm very restrictive atmosphere.

Prisoners.—Data on prisoners in Federal and State prisons and reformatories were collected annually by the Bureau of the Census until 1950, by the Federal Bureau of Prisons until 1971, transistred then to the Law Enforcement Assistance Administration, and, in 1979, to the Bureau of Justice Statistics. Adults convicted of criminal activity may be given a prison or jail sentence. A prison a confinement facility having custodial authority over adults sentenced to confinement of more han one year. A jail is a facility, usually operated by a local law enforcement agency, holding persons detained pending adjudication and/or persons committed after adjudication to one year or eas. Nearly every State publishes annual data either for its whole prison system or for each separate State institution.

Naturalizations.—Most aliens acquire U.S. citizenship under the general provisions of the Immigration and Nationality Act of 1952, as amended. As specified by that Act, the requirements a proipective citizen must meet relate to residency, language proficiency, oral character, loyalty to the
Julied States, attachment to the principles of the Constitution, etc. Spouses and children of U.S.
Itizens can be naturalized under less stringent conditions. In certain cases, an administrative, judilate, legislative, or executive waiver of the requirements may be obtained. Naturalization statistics
are also maintained by INS.

Statistical reliability.—For discussion of statistical collection, estimation, and sampling procetures and measures of statistical reliability pertaining to the National Crime Survey and Uniform >rime Reporting Program, see Appendix III.

Historical statistics.—Tabular headnotes provide cross- references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix IV.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs new also be found in *State and Metropolitan Area Data Book 1996*. For cross-references, see Appendix V.

#### No. 263. CRIMES AND CRIME RATES, BY TYPE: 1977 TO 1986

[Data refer to offenses known to the police. Rates are based on Bureau of the Census estimated resident population as of July 1, except 1980, enumerated as of April 1. Annual totals for years prior to 1984 were adjusted in 1984 and may not be consistent with those in prior editions. See source for details. Minus sign (-) indicates decrease. For definitions of crimes, see text, section 5. See also Historical Statistics, Colonial Times to 1970, series I +) 952-961 for related data]

			VI	OLENT CF	MME			PROPERT	Y CRIME	
ITEM AND YEAR	Total	Total	Mur- der <sup>1</sup>	Forci- ble rape	Rob- bery	Aggra- vated assault	Total	Bur- glary	Larce- ny- theft	Moto vehi cle thef
lumber of offenses (1,000):										
1977	10,965	1,030	19.1	63.5	413	534	9,955	3,072	5,906	97
1978	11,209	1,086	19.6	67.6	427	571	10,123	3,128	5,991	1,00
1979	12,250	1,208	21.5	76.4	481	629	11,042	3.328	6,601	1,11
1980	13,408	1,345	23.0	83.0	566	673	12.064	3.795	7,137	1.13
1981	13,424	1,362	22.5	82.5	593	664	12,062	3,780	7,194	1,00
1982		1,322	21.0	78.8	553	669	11,652	3,447	7,143	1,00
1983	12,109	1,258	19.3	78.9	507	653	10,851	3.130	6.713	1.00
1984		1.273	18.7	84.2	485	685	10,609	2.984	6.592	1.03
1965		1,328	19.0	87.7	498	723	11,103	3.073	6,926	1.10
1986		1,488	20.6	90.4	543	834	11,723	3,241	7,257	1,22
ercent change, number of offenees:										
1977-1986	20.3	44.5	7.8	42.4	31.5	56.1	17.8	5.5	22.9	25
1982-1986			-1.9	14.8	- 1.9	24.6		-6.0	1.6	15
1965-1986	6.3	12.5 12.1	8.6	3.2	9.0	15.4	.6 5.6	5.5	4.8	11
nto nor 100 000 labablicates										İ
ate per 100,000 inhabitants:	5.078	476	8.8	29.4	191	247	4.602	1.420	2.730	45
1978	5.140		9.0	31.0						1
1970	5,140	498			196	262	4,643	1,435	2,747	5
1979	5,566	549	9.7	34.7	218	286	5,017	1,512	2,999	
1980	5,950	597	10.2	36.8	251	299	5,353	1,664	3,167	50
1981	5,858	594	9.8	36.0	259	290	5,264	1,650	3,140	47
1982	5.604	571	9.1	34.0	239	289	5.033	1.489	3.085	45
1983		538	8.3	33.7	217	279	4.637	1.338	2.869	1 4
1984	5.031	539	7.9	35.7	205	290	4.492	1.264	2.791	1 4
1985		556	7.9	36.7	209	303	4.651	1.287	2.901	4
1986	5,480	617	8.6	37.5	225	346	4,863	1,345	3,010	5
ercent change, rate per 100,000 inhabitants.										
1977-1986	7.9	29.7	-2.3	27.6	18.0	40.1	5.7	-5.3	10.3	12
1982-1986		8.1	-5.5	10.3	-5.8	19.7	-3.4	-9.7	-24	10
1985-1986		11.0	- 5.5 8.9	10.3	-5.6 8.0	14.3	4.6	4.5	3.8	ם ו
1903-1900	5.2	11.0	6.9	2.2	8.0	14.3	4.0	4.5	3.0	1 3

<sup>-</sup> Represents zero. Includes nonnegligent manslaughter.

Source: U.S. Federal Bureau of Investigation, Crime in the United States, annual.

#### No. 264. CRIMES AND CRIME RATES, BY TYPE AND AREA: 1985 AND 1986

[In thousands, except rate. Rate per 100,000 population; see headnote, table 263. Estimated totals based on reports from city and rural law enforcement agencies representing 96 percent of the national population. For definitions of crimes, see text, section 5]

			19	65					19	●0		
TYPE OF CRIME	MSA	\'8 <sup>1</sup>	Other	cities	Rural	areas	MS	\'s ¹	Other	cities	Rural	areas
	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate
Total	10,767	5,921	1,051	4,580	612	1,803	11,482	6,236	1,097	4,793	631	1,864
Violent crime	1,197	658	73	319	56	168	1,348	732	00	350	00	175
manslaughter Forcible rape		9 42	1 5	5 21	2	6 18	18 79	10 43	1 5	5 22	2 6	18
RobberyAggravated assault		266 342	10 57	44 249	5 44	15 129	527 725	286 394	11 63	49 274	5 47	15 137
Property crime Burglary	2,632	5,262 1,447	978 229	4,262 999	<b>555</b> 212	1, <b>635</b> 625	10,134 2,781	<b>5,504</b> 1,510	1,017 239	4,443 1,046	<b>572</b> 221	1,676
Larceny—theft Motor vehicle theft	5,915 1,023	3,253 562	704 45	3,067 195	307 35	906 104	6,213 1,140	3,374 619	731 47	3,191 206	314 37	921 106

<sup>&</sup>lt;sup>1</sup> For definition, see text, Appendix II.

Source: U.S. Federal Bureau of Investigation, Crime in the United States, annual.

159

## NO. 265. CRIME RATES BY STATE, 1980 TO 1986, AND BY TYPE, 1986

Innoven to the pelice per 100,000 population. Based on Bureau of the Census estimated resident population as of tecept April 1, 1005 census counts. For definitions of crimes, see text, section 5. For composition of regions, see fig. I, nt cover

								1986			
VISION, AND	1980,	1984,	1985,			Violent	crime		Pro	operty crim	e
ATE	total	total	total	Total	Mur- der 1	Forcible rape	Rob- bery	Aggra- valed assault	Burglary	Larce- ny— theft	Motor vehicle theft
Immerced continuous	5,950	5,031	5,207	5,480	8.6	37.5	225	346	1,345	3,010	500
	5,767	4.562	4.627	4,732	6.8	28.3	298	296	1,043	2,473	587
Manage Constitution of the	5,529	4.675	4,658	4,832	6.6	2 35.4	179	290	1,082	2,792	448
***************************************	5,573 7,388	4,899 6,210	5,256 6,405	5,709 6,644	10.6	40.6 44.3	199 251	371 423	1,523 1,671	3,107 3,662	458 584
	5,713	4,376	4,487	4,503	3.5	25.2	151	239	1,064	2,398	622
	4,368	3,527	3,672	3,461	2.0	14.8 21.5	28 24	102 92	803 755	2,347	164
(Seres)	4,988	3,968	3,888	3,977	2.0	21.8	22	103	949 1,071	2,697	181
-	6,079 5,933	4,588	4,758 4,723	4,723	3.6	29.7 21.4	193	331 192	1,071	2,189 2,568	906 705
	5,882	4,629	4,705	4,829	4.6	23.8	192	205	1,198	2,758	447
-	5,786 6,912	4,625 5,577	4,675 5,589	4,810 5,768	8.0	29.3	348	316	1,035	2,498	575
- Hillian Control Control	6,401	4,856	5,094	5,766	10.7	30.5 33.2	514 269	431 265	1,221	2,924	637
	3,736	3,060	3,037	3,102	5.5	25.1	152	176	735	1,654	354
	5,800	5,000 4,273	4,916	5,058 4,359	7.5 5.5	2 39.4 38.6	213	316	1,118	2,845	516
***************************************	4,930	3,929	3,914	3,855	6.0	25.9	142	235 186	988 887	2,574	376
	6,269	5,304 6,556	5,303	5,546	8.9	1 32.4	325	434	1,180	2,938	628
	6,676 4,799	4,172	6,366 4,017	6,491 4,097	11.3	67.4 20.1	301 73	424 162	1,509 783	3,378 2,802	800 254
	4,874	3,904	4,046	4,296	4.6	26.1	97	228	995	2,665	28
	4,799	3,842	4,134 3,943	4,362	1.8	31.8 12.5	102	148 179	1,004	2,785	286 156
************	5,433	4,297	4,366	4,654	9.2	29.2	170	370	1,136	2,500	439
	3,243	2,583	2,679	2,605	1.0	11.6	16	32 87	385 554	2,049	120
	4,305	3,497	3,695	3,856	3.1	17.7 24.6	51	184	748	1,939 2,677	168
***************************************	5,379	4,339	4,375	4,823	4.4	32.9	80	252	1,188	3,008	258
distribution of the same of th	6,777	5,033 5,007	5,375 4,961	5,724 4,832	9.8	40.1 56.9	124	412 241	1,473	3,159 3,090	407 277
	6,630	5,215	5,373	5,602	9.0	43.6	304	476	1,246	2,978	545
	10,236	8,799 3,784	8,007 3,779	8,339 3,860	7.1	52.4 26.5	754	668	1,728	4,131	975
*******************	2,552	2,336	2,253	2,317	5.9	18.9	106	167 99	813 625	2,522 1,358	169
-	4,640	4,044	4,121	4,332	8.1	26.4	88	354	1,225	2,423	208
	5,439	4,663 4,498	4,841 5,110	5,137 5,455	11.2	41.3 43.9	99 214	525 319	1,340 1,453	2,846 2,984	430
	8,402	6,821	7,574	8,228	11.7	52.7	367	605	2,221	4,373	596
	4,161	3,519	3,651	3,910	9.6	32.5	127	280	1,115	2,030	310
	3,434 4,498	2,959 3,890	2,947 4,167	3,092 4,534	10.4	23.1 47.0	208	222 274	824 1,325	1,740 2,126	193 544
	4,934	3,902	3,942 3,266	4,288 3,345	10.1	28.4	112	408	1,159	2,304	267
when extend a part of the party of	5,657	5,489	5,991	1.0 = 3.1	11.2	25.8	207	172 360	1,076	1,845	150
***************************************	3,811	3,368	3.585	6,706 3,925	8.1	45.8 28.9	80	278	1,828	3,639 2,305	615 195
-	5,454	5,111	5,564	6,078	12.8	40.1	224	482	1,461	3,417	442
	6,143	6,030	5,425 6,569	7,408	13.5	36.4 51.6	107	285 354	1,787 2,049	3,142	649 714
Marie Property and the Control of th	6,831	5,779	6,183	6,323	7.4	38.4	127	335	1,540	3,911	366
	5,024	4,653 3,672	4,549 3,908	4,479	3.2	17.3 20.0	20	118	1,003	3,314	215
	4,986	3,683	4,015	4,357	5.3	21,9	22	178 243	817	2,800 3,078	181
(Nemanon contratation)	7,333	6,471	6,919	7,032	7.0	42.3	145	329	1,792	4,231	486
	5,979 8,171	6,243	7,116	6,626 7,321	9.3	46.9 43.0	130	538 437	1,845 1,908	3,712 4,337	343 419
	5,881 8,854	4,766 6,561	5,317 6,575	5,478 6,290	3.2 12.6	25.3 64.9	59 287	180 354	915	4,074	223 478
	7,588	6,369	6,486	6,761	9.9	46.4	296	100	1,604	3,489	
0.0111111111111111111111111111111111111	6,915	6,102	6,529	6,880	5.0	53.4	135	455 244	1,719	3,572 4,267	315
	6,687 7,833	6,244	6,730	7,081 6,763	6.6	51.1 44.9	206 343	286	1,967	4,163	402
Manual of Looping	6,210	6,115	5,877	6,246	11.3	72.7	88	521 401	1,696	3,384	762 604
	7,482	5,484	5,201	5,671	4.8	31.0	106	103	1,339	3,759	326

is nonnegligent manslaughter. <sup>2</sup> Forcible rape figures furnished by the state-level Uniform Crime Reporting (UCR) dministered by the Illinois Department of State Police were not in accordance with national UCR guidelines. The 1986 se totals for most agencies in Illinois were, therefore, estimated using the national rate of forcible rapes when grouped incies. <sup>2</sup> Includes offenses reported by the police at the National 2to.

U.S. Federal Bureau of Investigation, Crime in the United States, annual.

No. 266. CRIME RATES, BY TYPE-SELECTED CITIES: 1986

[Offenses known to the police per 100,000 population, as of July 1. For definitions of crimes, see text, section 5]

			VI	DLENT CF	RIME		1	PROPERT	TY CRIME	
СІТУ	Crime index, total	Total	Mur- der	Forci- ble rape	Rob- bery	Aggra- vated assault	Total	Bur- glary	Larce- ny— theft	Motor vehi- cle theft
Total, 12,297 agencies Total, 8,298 cities Selected cities:	6,031 7,363	687 864	9.0 10.5	40 46	242 326	362 431	5,065 6,102	1,402 1,603	3,128 3,825	535 674
Baltimore, MD	8,458	1,944	30.6	84	1,020	809	6,515	1,828	3,810	877
Chicago, IL	(1)	(1)	24.8	(1)	1,030	1,116	7,543	1,874	4,054	1,615
Dallas, TX	15,143	1,896	34.1	123	914	825	13,247	3,709	7,942	1,595
Detroit, MI	12,801	2,487	59.1	123	1,497	807	10,314	3,553	3,852	2,909
Houston, TX.		1,156	22.9	86	614	434	8,292	2,502	3,869	1,921
Indianapolis, IN	6,317	915	13.4	93	334	475	5,402	1,752	2,936	713
Los Angeles, CA		2,036	25.6	71	918	1,021	7,515	1,969	3,819	1,727
Memphis, TN	9,823	1,587	24.4	139	881	542	8,236	2,776	3,498	1,962
New York, NY	8,847	1,995	22.0	49	1,126	798	6,852	1,732	3,924	1,196
Philadelphia, PA		1,046	20.8	66	586	373	4,187	1,165	2,226	796
Phoenix, AZ	9,641	996	13.2	61	321	602	8,644	2,760	5,274	610
San Antonio, TX		709	18.4	92	371	228	10,687	3,320	6,442	925
San Diego, CA	7,885	843	10.1	39	394	400	7,042	1,734	4,000	1,308
San Francisco, CA		1,267	15.2	66	678	508	6,280	1,342	4,027	910
Washington, DC	8,332	1,505	31.0	52	754	668	6,827	1,727	4,124	975

<sup>&</sup>lt;sup>1</sup> The rates for 1986 for forcible rape, violent crime and crime index total are not shown because the forcible rape figures were not in accordance with national Uniform Crime Reporting guidelines.

## No. 267. MURDER CIRCUMSTANCES/MOTIVES AND WEAPONS USED OR CAUSE OF DEATH: 1980 TO 1986

[Based solely on police investigation. For definition of murder, see text, section 5]

CIRCUMSTANCE	1980	1983	1984	1985	1986	TYPE OF WEAPON OR CAUSE OF DEATH	1980	1983	1984	1985	1986
Murders, total PERCENT DISTRIBUTION	21,860	18,673	16,689	17,545	19,527	Murders, total PERCENT DISTRIBUTION	21,860	18,673	16,689	17,545	19,527
Felonies, total		18.0	18.0	17.9	19.4	Guns		58.3 44.0	58.8 44.0	58.7 43.0	59.1 43.9
Narcotics	1.7	2.0	2.7	2.9	3.9	Cutting or stabbing	19.3	21.8	21.2	21.1	20.5
Sex offenses Other felonies		1.6	1.6 4.5	1.5	1.5	Blunt objects 1	5.0	5.7	5.8	5.5	5.7
Suspected felonies Argument, total	6.7	3.2	2.8	2.0	2.0 37.5	Personal weapons 2 Strangulations.	5.8	6.9	6.5	6.7	6.8
Property or	11500	2277	7335			asphyxiations		2.7	2.6	2.4	2.6
money	2.6	2.8	2.7	2.7	2.4	Fire	1.3	1.2	1.2	1.4	1.2
Romantic triangle Other arguments Other motives	35.0 20.6	2.6 34.1 18.4	2.4 34.4 17.6	2.3 34.3 18.1	2.1 32.9 18.6	All other 3	3.9	3.5	3.9	4.2	4.1
Unknown	15.1	20.9	22.1	22.8	22.5					1	

<sup>&</sup>lt;sup>1</sup> Refers to club, hammer, etc. 
<sup>2</sup> Hands, fists, feet, etc. 
<sup>3</sup> Includes poison, drowning, explosives, narcotics, and unknown. Source of tables 266 and 267: U.S. Federal Bureau of Investigation, Crime in the United States, annual.

### No. 268. HOMICIDE VICTIMS, BY RACE AND SEX: 1960 TO 1985

[Rates per 100,000 resident population in specified group. Beginning 1970, excludes deaths to nonresidents of U.S. Beginning 1979, deaths classified according to the ninth revision of the *International Classification of Diseases*; for earlier years, classified according to revision in use at the time; see text, section 2. See also *Historical Statistics, Colonial Times to 1970*, series H 971-978]

		HOM	IICIDE VICTI	MS	_		HO	MICIDE RATI	E2	
YEAR	Total	W	nite	Bla	ick		W	nite	Bla	ick
	Total 1	Male	Female	Male	Female	Total.	Male	Female	Male	Female
1960	8,464 16,848 21,310 24,278 23,646 22,358 20,191 19,796 19,893	2,832 5,865 6,222 10,381 9,941 9,260 8,355 8,171 8,122	1,154 1,938 2,751 3,177 3,125 3,179 2,880 2,956 3,041	3,345 7,265 8,092 8,385 8,312 7,730 6,822 6,563 6,616	1,013 1,569 1,929 1,898 1,825 1,743 1,672 1,677 1,666	4.7 8.3 9.9 10.7 10.3 9.6 8.6 8.4 8.3	3.6 6.8 9.0 10.9 10.4 9.6 8.6 8.3 8.2	1.4 2.1 2.9 3.2 3.1 3.1 2.8 2.9 2.9	36.7 67.6 69.0 66.6 64.8 59.1 51.4 48.7 48.4	10.4 13.3 14.9 13.5 12.7 12.0 11.3 11.2

<sup>&</sup>lt;sup>1</sup> Includes races not shown separately. <sup>2</sup> Rate based on enumerated population figures as of April 1 for 1980, 1970, and 1980; July 1 estimates for other years.

Source: U.S. National Center for Health Statistics, Vital Statistics of the United States, annual.

NO. 269. FORCIBLE RAPE—NUMBER AND RATE, BY SELECTED CHARACTERISTIC: 1970 TO 1986
[For definition of rape, see text, section 5]

ITEM	1970	1575	1976	1977	1970	1976	1983	1961	1983	1983	1984	1983	1983
NUMBER									ļ			Ì	
Total			57,860	63,500	67,610	76,300	63,500	63,500	78,770	76,300	84,230	87,670	90,430
y force Itempt	26,668 11,102	41,501 14,589	42,085 14,995	47,024 16,476	50,590 17,020	57,956 18,432	63,589 19,391	63,038 19,462	59,967 18,803	61,019 17,901	96,367 17,893	70,138 17,534	72,626 17,804
RATE		l	l	ļ		]		l	1	1		1	ļ
er 100,000 population	18.7	26.3	20.6	29.4	31.0	34.7	36.8	36.0	34.0	33.7	35.7	36.7	37.5
er 100,000 femeles er 100,000	30.4	51.3	51.8	57.1	80.3	67.5	71.6	70.0	86.2	65.6	69.4	71.3	73.1
females 12 years old and over	46.3	62.9	63.1	69.3	72.9	81.4	86.3	84.1	79.3	78.5	83.0	82.7	86.0
PERCENT CHANGE IN RATE			ŀ	Ì					ļ				
er 100,000 population er 100,000	(044)	40.6	1.0	10.4	5.6	11.9	6.1	-2.2	-5.5	9	5.7	2.5	2.5
females 12 years old and over	m	35.9	.3	9.8	5.2	11.6	6.0	-2.5	-5.7	-1.0	5.7	4	2.7

NA Not available.

Source: U.S. Federal Bureau of Investigation, Population-at-Risk Rates and Selected Crime Indicators, annual.

## 40. 270. ROBBERY AND PROPERTY CRIMES, BY TYPE AND SELECTED CHARACTERISTIC: 1980 TO 1986 [For definition of crime, see text, section 5]

тем	NUI	MBER O	F OFFER	ISES		RATE PER	100,000 TANTS		VALUE	RAGE E LOST OL)
	1980	1984	1985	1986	1960	1984	1985	1986	1985	1986
Robbery, total	566	485	498	543	251.1	205.4	208.5	225.1	628	596
'ype of crime:				-		1				
Street or highway	293	264	273	302	130.1	111.9	114.4	125.2	435	465
Commercial house		56	60	67	34.6	23.6	25.3	27.8	1,102	912
Gas station		16	17	17	10.4	6.8	7.0	6.9	347	303
Convenience store		26	29	29	17.0	11.2	12.0	11.9	446	337
Residence	60	53	51	57	26.8	22.6	21.5	23.5	854	898
Bank		7	7	7	3.8	2.9	2.8	2.8	3,048	2,664
Veapon used:					10.40	1	1	1.00	LIC C	1
Firearm	228	173	176	186	101.3	73.4	73.6	77.2	(NA)	(NA)
Knife or cutting instrument		65	66	73	32.3	27.5	27.7	30.4	(NA)	(NA)
Other dangerous weapon		46	46	53	22.8	19.3	19.2	21.8	(NA)	(NA)
Strongarm	214	201	210	231	94.8	85.2	88.0	95.8	(NA)	(NA)
Burglary, total	3,795	2,984	3,073	3,241	1,684.1	1,263.7	1,287.3	1,344.5	953	960
orcible entry		2,092	2,148	2,274	1,237.5	885.9	899.6	943.4	(NA)	(NA)
inlawful entry		637	668	700	315.6	269.7	280.0	290.3	(NA)	(NA)
Ittempted forcible entry	295	255	257	267	131.0	108.1	107.8	110.8	(NA)	(NA
lesidence	2,525	1,989	2,046	2,185	1,120.6	842.4	857.0	906.4	974	991
lonresidence	1,270	995	1,027	1,056	563.5	421.3	430.3	438.2	913	894
Occurred during the night	1,508	1,177	1,177	1,242	669.0	498.4	493.1	515.3	(NA)	(NA
ocurred during the day	1,263	965	1,025	1,110	560.3	408.8	429.2	460.6	(NA)	(NA)
Larceny-theft, total	7,137	6,592	6,926	7,257	3,167.0	2,791.3	2,901.2	3,010.3	393	400
ocket picking	85	76	79	84	37.9	32.1	32.9	34.8	257	248
urse snatching	107	81	83	95	47.5	34.4	35.0	39.6	206	208
hoplifting	773	885	968	1,072	343.0	374.7	405.3	444.8	85	86
rom motor vehicles		1,237	1,369	1,500	546.4	523.7	573.3	622.0	428	428
fotor vehicle accessories		1,186	1,158	1,207	606.2	502.0	485.2	500.5	283	282
licycles		541	566	521	317.5	229.1	237.3	216.2	159	167
rom buildings		1,049	1,078	1,100	526.9	444.2	451.6	456.5	615	646
rom coin-operated machines		57	60	65	25.8	24.0	24.9	27.0	130	129
Xher	1,613	1,481	1,565	1,612	715.7	627.0	655.7	668.8	592	606
Motor vehicles, total 2			1,103	1,224	502.2	437.1	462.0	507.8	4,619	4,888
utomobiles		783	832	946	374.8	331.5	348.5	392.6	(NA)	(NA
rucks and buses	149	146	156	166	66,1	61.8	65.4	69.0	(NA)	(NA

NA. Not available. I includes other crimes not shown separately. I includes other types of motor vehicles not shown separately.

Source: U.S. Federal Bureau of Investigation, Population-at-Risk Rates and Selected Orime Indicators, annual.

No. 271. Number and Rate of Victimizations for Crimes Against Persons and Households by Type: 1973 to 1985

[Data based on National Crime Survey; see text, section 5, and Appendix III]

				PERSO	NAL SECT	OR			н	OUSEHOL	D SECTO	R
				Viole	nt crime:			I.A.				
YEAR OR PERIOD	Total	-10		Rob-		Assault		Larce- ny/	Total	Bur- glary	Lar- ceny	Mo vel ci
		Total	Rape	bery	Total	Aggra- vated	Simple	theft		giary	Certy	the
NUMBER (1,000)			1-1		-			7.0		-		
1973	20,322	5,351	156	1,108	4.087	1,655	2,432	14,971	15,340	6,459	7,537	1,3
1974		5,510	163	1,199	4,148	1,735	2,413	15,889	17,012	6,721	8,933	1,3
1975		5,573	154	1,147	4,272	1,631	2,641	16,294	17,400	6,744	9,223	1,4
1976		5,599	145	1,111	4,344	1,695	2,648	16,519	17,199	6,663	9,301	1,2
1977		5,902	154	1,083	4,664	1,738	2,926	16,933	17,480	6,765	9,418	1,2
1978	22,991	5,941	171	1,038	4,732	1,708	3,024	17,050	17,421	6,704	9,352	1,3
1979		6,159	192	1,116	4,851	1,769	3,082	16,382	18,708	6,685	10,630	1,3
1980	21,430	6,130	174	1,209	4,747	1,707	3,041	15,300	18,821	6,973	10,468	1,3
1981		6,582	178	1,381	5,024	1,796	3,228	15,863	19,009	7,394	10,176	1.4
1982		6,459	153	1,334	4,973	1.754	3,219	15,553	17,744	6,663	9,705	1,3
1983	20,561	5,903	154	1,149	4,600	1,517	3,083	14,657	16,440	6,063	9,114	1,2
1984	19,743	5,954	180	1,117	4,657	1,673	2,984	13,789	15,733	5,643	8,750	1,3
1985	19,296	5,823	138	985	4,699	1,605	3,094	13,474	15,568	5,594	8,703	1,2
RATE 1		100	1000	The second	1.5	1 1 2 2	100	100	(an 19)	1	1	
1973	123.6	32.6	1.0	6.7	24.9	10.1	14.8	91.1	217.8	91.7	107.0	11
1974	128.1	33.0	1.0	7.2	24.8	10.4	14.4	95.1	235.7	93.1	123.8	1
1975	128.9	32.8	.9	6.8	25.2	9.6	15.6	96.0	236.5	91.7	125.4	1
1976		32.6	.8	6.5	25.3	9.9	15.4	96.1	229.4	88.9	124.1	1
1977	131.2	33.9	.9	6.2	26.8	10.0	16.8	97.3	228.8	88.5	123.3	1
1978	130.5	33.7	1.0	5.9	26.9	9.7	17.2	96.8	223.4	86.0	119.9	1
1979	126.4	34.5	1.1	6.3	27.2	9.9	17.3	91.9	235.3	84.1	133.7	1
1980	116.3	33.3	.9	6.6	25.8	9.3	16.5	83.0	227.4	84.3	126.5	1
1981	120.4	35.3	1.0	7.4	27.0	9.6	17.3	85.1	226.0	87.9	121.0	1
1982		34.3	.8	7.1	26.4	9.3	17.1	82.5	208.2	78.2	113.9	1
1983		31.0	.8	6.0	24.1	8.0	16.2	76.9	189.8	70.0	105.2	1
1984		31.0	.9	5.8	24.3	8.7	15.5	71.8	178.7	64.1	99.4	1
1985	99.4	30.0	.7	5.1	24.2	8.3	15.9	69.4	174.4	62.7	97.5	1

<sup>&</sup>lt;sup>1</sup> Rate r or 1,000 persons, 12 years old and over; and per 1,000 households.

Source: U.S. Bureau of Justice Statistics, Criminal Victimization in the United States, annual.

## No. 272. CRIMES AGAINST THE ELDERLY—NUMBER AND RATE OF VICTIMIZATIONS, BY TYPE: 1973 TO 1985

[Covers persons 65 years old and over. Data based on National Crime Survey; see text, section 5, and Appendix III]

				PERSON	AL SECTO	R			н	OUSEHOL	D SECTOR	
YEAR			Violent	crimes		a	imes of th	eft				244
TEAR	Total	Total	Rape <sup>1</sup>	Rob- bery	As- sault	Total *	Purse snatch- ing	Pocket picking	Total	glary	Larce- ny	707
NUMBER (1,000)												
1973	646.3 693.2 737.5 696.7 709.3 648.1 766.6 752.6 738.7	173.0 188.3 186.8 166.9 168.3 180.6 138.9 165.9 165.1 146.3 144.3	2.4 4.1 1.2 1.0 2.7 2.4 .9 2.8 2.7 1.5 1.4	101.3 81.3 92.3 75.1 75.8 69.5 56.0 82.5 99.3 68.0 63.9 57.5	69.3 102.9 73.3 90.8 89.8 106.6 79.9 80.7 93.1 76.8 78.9 69.8	452.8 458.0 526.4 570.6 530.4 528.7 509.2 602.7 557.5 592.4 597.3 531.4	29.8 29.9 38.8 26.3 24.1 29.4 38.5 33.4 21.1 34.0 32.8 21.9	37.1 41.5 31.3 45.1 30.4 37.2 44.6 56.2 51.6 45.6 53.8 42.9	1,487.2 1,653.4 1,707.5 1,713.3 1,683.4 1,618.8 1,716.2 1,826.5 2,109.6 1,744.3 1,695.1	746.8 761.2 774.1 742.4 754.2 703.9 718.7 602.1 921.1 709.4 754.2 669.5 809.5	644.8 812.0 644.8 880.5 671.0 833.9 917.6 980.1 1,077.2 946.4 880.2 851.8	7.000 0 0 7.00 1.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1985	GE7.6	122.7	1.5	42.8	78.4	504.9	14.1	57.8	1,455.7	504.5	758.4	
1973 1974 1975 1976 1976 1977 1978 1979 1980 1981 1982 1983 1983 1985	30.7 30.9 32.3 33.6 31.1 30.9 27.5 31.4 30.1 26.9 28.4 24.9 23.1	8.5 9.0 7.8 7.6 7.5 7.9 5.9 6.8 7.8 5.7 5.5 4.9	.1 2 .1 .1 .1 .1 (2) .1 .1 .1 .1	5.0 3.9 4.3 3.4 3.0 2.5 3.4 4.0 2.7 2.5 2.5 1.6	3.4 4.9 3.4 4.1 4.0 4.7 3.4 3.3 3.7 3.0 2.6 2.9	22.2 21.9 24.5 26.0 23.6 23.0 21.6 24.6 22.3 22.3 22.9 20.0 18.6	1.5 1.4 1.8 1.2 1.1 1.3 1.6 1.4 .8 1.3 1.3	1.8 2.0 1.5 2.1 1.4 1.6 1.9 2.3 2.1 1.8 2.1	107.9 117.9 118.7 115.8 110.9 104.0 107.5 109.8 124.2 100.5 94.8 86.4 78.1	55.1 54.3 53.8 50.2 49.7 45.2 45.0 46.2 54.2 40.9 42.2 36.5 32.7	47.4 57.9 58.7 59.5 57.5 57.7 63.4 54.5 48.1 46.4	

Z Less than .05. <sup>1</sup> Yearly estimates are based on fewer than 10 sample cases. <sup>2</sup> Includes personal thefts will contact not shown separately. <sup>8</sup> Rate per 1,000 persons 85 years old and over; and per 1,000 households headed by pass 85 years old and over;

Source: U.S. Bureau of Justice Statistics, Crime and the Elderly, December 1981 and unpublished data.

1

#### No. 273. VICTIMIZATION RATES FOR CRIMES AGAINST PERSONS: 1973 TO 1985

per 1,660 persons, 12 years old and over, includes attempted crimes. Data based on National Crime Survey; see text, section 5; and Appendix III. Totals exclude personal larceny]

				His-	ŀ	MALE		1	FEMALE		VICTIM-O RELATI	
AND CRIME	Total 1	White	Black	His- panic <sup>2</sup>	White	Black	His- penic <sup>2</sup>	White	Black	His- panic <sup>2</sup>	Stranger	Non- stranger
	33	32	42	36	43	53	53	21	32	22	22	11
***************************************	33 33	32 32	41	34 40	44	54 53	49 50	21 21	29 34	20 30	22 21	11
	33	31	44	35	42	55	55	21	36	23	21	12
***************************************	34 34	33	42	40 37	45 45	57 54	50 54	22	29 30	32 23	21 21	13 12
***************************************	35	34	42	41	44	53	55	24	32	29	22	12
	33	32	41	40	43	53	54	22	31	27	21	12
	35 34	33 33	50 44	39 40	44	61 57	53 49	23	40 33	26 32	23 22	12 12
	31	30	41	38	39	50	48	21	33	29	18	13
	31 30	30 29	41 36	35 30	38 38	51 47	45 33	22 21	33 31	26 27	17 18	14

les races not shown separately. \*\* Hispanic persons may be of any race.

#### No. 274. VICTIMIZATION RATES FOR CRIMES AGAINST HOUSEHOLDS: 1973 TO 1985

a per 1,860 households. Includes attempted offenses. Data based on National Crime Survey; see text, section 5, and Appendix III]

SAR AND HOUSEHOLD			BURGLARY			LARCENY		MOTOR	VEHICLE '	THEFT
CHARACTERISTIC	Total	Total 1	White	Black	Total 1	White	Black	Total 1	White	Black
	218	92	87	133	107	108	104	19	18	2
······································	236	93	88	135	124	125	112	19	18	2
<del></del>	237		87	129	125	127	115	19	19	2
<del></del>		92								4
	229	89	84	131	124	126	112	17	16	2
***************************************	229	89	84	122	123	124	116	17	16	2
	223	88	83	115	120	120	121	18	17	2
·····		84	80	114	134	133	133	18	17	2
		84	81	115	127	125	134	17	16	2
	226	l 86 l	83	134	121	119	142	17 1	16	2
	206	l 78 l	73	117	114	111	132	16	15	2
	190	70	67	96	105	103	119	15	13	2
	170	84	61	92	99	97	115	l 15 l	14	2
All households		63	60	63	97	95	120	14	13	2
	445	50	48	71	83	80	115	l ii l	10	2
	226	84	84	93	123	124	124	l ii l	19	2
Ha with become of	220	••	-	83	123	124	124	ן פי	18	_
ids with income of—	405	امماا	-	1 400		- 00	400			1
<b>57,500</b>	195	86	83	100	96	96	102	11	11	
89,800	177	60	63	46	101	98	125	15	17	(E
-\$14,999	182	67	66	78	101	97	135	14	12	2
-\$24,999	176	59	57	80	104	100	136	14	11	3
<b>3–829,999</b>	162	54	51	96	95	92	149	13	10	4
-849,999	173	58	56	90	99	95	154	16	15	3.
and over	180	56	55	94	104	102	156	l 21	20	(B

Imated number of victimizations too small to be statistically reliable. Includes other races not shown separately, c Through 1975, U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, Criminal Idon in the United States, annual.

#### 275. HOUSEHOLDS TOUCHED BY CRIME, 1981 AND 1986, AND BY TYPE OF HOUSEHOLD, 1986

field is considered "touched by crime" if during the year it experienced a burglary, auto theft or household theft or if a sold member was raped, robbed, or assaulted, or a victim of personal theft, no matter where the crime occurred. Data on the National Crime Survey: see text, section 5 and Apendix III]

	16	<b>961</b>	<u> </u>			1965			
TYPE OF CRIME	Num-		Num-			Percent	touched		
	ber (1,000)	Percent touched	ber (1,000)	Total 1	White	Black	Urben	Sub- urben	Rural
1.	24,963	20.0	22,201	24.7	24.4	27.A	26.5	24.2	20.0
time		5.9	4,225 121	4.7	4.4	5.4	5.5 .2	4.5	3.9 .1
7	1,117 3,890 17,705	1.3 4.7 21.4	843 3,464 15,582	.9 3.8 17.3	.9 3.9 17.4	1.5 4.0 16.8	1.4 4.2 19.8	.8 3.7 17.4	.5 3.5 13.9
hold	11,509 8,459 6,101	13.9 10.2 7.4	10,098 7,236 4,778	11.2 8.0 5.3	11.4 7.9 5.0	10.0 9.1 7.6	12.3 9.9 6.2	11.7 7.4 4.8	8.7 6.6 4.9
hicle theft	4 000	1.6	1,216	1.4	1.2	2.2	1.9	1.3	.6

des other races not shown separately. 

2 Types of crime will not add to "total" since each household may report as superioricad.

<sup>:</sup> Through 1975, U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, Criminal Illin In the United States, annual.

U.S. Bureau of Justice Statistics, Households Touched by Crime, annual.

#### No. 276. REPORTED CHILD NEGLECT AND ABUSE CASES, BY DIVISION: 1978 TO 1985

[Represents total number of child maltreatment reports documented within the States, including substantisted and unsubstantisted reports. Derived from data provided by State child protective services personnel to the National Study on Child Neglect and Abuse Reporting, conducted by The American Association for Protecting Children, a division of The American Humane Association, and funded through the National Center on Child Abuse and Neglect, CHDS, DHHS. Also, the figures embody the vertition among States with respect to whether they use individual child reports which indicate all involved children in the family. For composition of divisions, see fig. I, inside front cover. Minus sign (—) indicates decline]

YEAR	U.S., total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Moun- tain	Pacific
Total number of report	n (1.000)	r.								
1978	606.6	33.4	76.3	69.1	68.8	96.3	59.5	52.9	38.6	111.7
1979	707.4	41.3	86.5	104.8	86.6	126.2	61.5	61.7	31.9	127.8
1980		48.3	91.8	105.3	77.7	154.5	58.2	69.7	37.7	141.8
1981		39.0	101.9	110.5	85.7	174.8	66.1	88.4	37.3	142.5
1982	924.1	49.9	105.5	126.0	96.8	182.1	75.4	95.8	41.5	151.0
1983	1.001.4	56.5	101.0	141.6	93.8	228.5	62.3	103.0	49.5	163.3
1984	1.155.6	55.2	145.6	182.7	107.9	205.4	93.0	116.0	60.0	199.8
1965	1.200.4	59.9	152.2	208.7	107.7	225.0	121.6	128.3	77.6	218.4
Reports per 1,000 pop				1	1		1			
1978	2.7	2.7	2.1	1.7	4.0	2.7	4.1	2.3	3.6	3.7
1979		3.3	2.3	2.5	3.9	3.5	4.2	2.7	2.9	4.1
1980		3.9	2.5	2.5	4.5	4.2	4.0	2.9	3.3	4.4
1981		3.1	2.8	27	5.0	4.6	4.5	3.6	3.2	4.4
1982	4.0	4.0	2.9	3.0	5.6	4.8	5.1	3.8	3.6	4.6
1983	4.3	4.7	2.7	3.4	5.4	5.9	4.2	4.0	4.0	4.9
1984	4.9	4.4	3.9	4.4	6.2	5.2	6.2	4.4	4.8	5.5
1985	5.4	4.7	4.1	5.0	6.1	5.6	8.1	4.8	6.1	5.5 6.2
		11 1		ı	ı	ı	i			ı

<sup>&</sup>lt;sup>1</sup> Based on Bureau of the Census estimated resident population as of July 1.

Source: American Humane Association, Denver, CO, National Analysis of Official Child Neglect and Abuse Reporting, annual; and unpublished data.

#### No. 277, CHILD MALTREATMENT CASES REPORTED-SUMMARY: 1976 TO 1985

[In percent, except as indicated. Total number of children reported is generally a duplicate count in that a child may be reported and therefore enumerated more than once each year. Because of differences in enumeration methods, a relatively small number of States (5 to 10) can provide only unduplicated reports, whereas most states provide only duplicated counts)

ITEM	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Number of children reported (1,000)		838	836	988	1,154	1,225	1,262	1,477	1,727	1,928
Rate per 10,000 children	101	128	129	154	181	194	201	236	273	306
Type of maltreatment:	70.7									
Deprivation of necessities	70.7	64.0	62.9	63.1	60.7	59.4	62.5	58.4	54.6	55.7
Minor physical injury	18.9	20.8	21.2	15.4	19.8	20.4	16.8	18.5	17.7	15.4
Sexual maltreatment	3.2	6.1	6.6	5.8	6.8	7.5	6.9	8.5	13.3	11.7
Emotional maltreatment		25,4	23.8	14.9	13.5	11.9	10.0	10.1	11.2	8.9
Unspecified physical injury		.4	.4	2.5	3.1	3.2	4.7	5.2	3.6	4.1
Major physical injury	3.1	3.7	3.5	4.4	3.9	4.1	2.4	3.2	3.3	2.2
Other maltreatment	7.6	7.5	7.4	8.9	7.7	11.7	9.2	8.3	9.6	10.2
Characteristics of child involved:	1,100		4.44	0.0	7.44	1117		0.0		100
Age, average (years)	7.7	7.6	7.4	7.5	7.3	7.2	7.1	7.1	7.2	7.1
Sex:	1	1.0	104	1.0	1.0	1.6	1	4.0	1.46	1
Male	50.0	49.9	49.4	49.5	49.8	49.2	49.5	48.9	48.0	48.1
Famala	50.0	50.1	50.6	50.5	50.2	50.5	50.5	51.1	52.0	51.9
Female	50.0	30.1	30.0	50.0	20.2	50,5	50.5	511	52.0	21.9
							64.9	67.5	67.0	Aires
White	61.1	67.7	67.1	65.7	69.4	67.8				(NA)
Black	19.8	19.1	21.1	22.2	18.8	21.7	21.7	19.7	20.8	(NA)
Hispanic		6.8	8.0	9.2	9.7	8.6	10.9	9.9	9.6	(NA)
Other	8.0	6.3	3.8	2.9	2.0	1.9	2.4	2.9	2.6	(NA)
Characteristics of caretaker :	100	1.016	-		1	194-1	1.7	1		-866
Age, average (years)	32.6	32.0	32.0	31.9	31.7	31.6	31.4	31.6	31.9	(NA)
Male	38.9	39.1	38.0	37.6	37.5	36.8	36.5	36.9	38.5	(NA)
Female	61.1	60.9	62.0	62.4	62.5	63.2	63.5	63.1	61.5	(NA)
Race:		00.0	00.0	-			00,0			1 200
White	65.3	71.5	70.4	72.1	72.7	73.0	70.8	73.1	74.5	(NA)
Black		15.9	17.2	17.5	16.6	18.6	19.1	17.5	17.5	1 222
Hispanic		6.4	9.6	4.9	5.1	4.7	6.1	6.8	5.5	1 3000
									0.5	(NA) (NA)
Other	7.7	6.2	2.8	5,5	5.6	3.7	4.0	2.6	2.5	(sec)
Family characteristics:							40.4			200
Single female headed families	38.5	38.7	40.7	41.8	39.3	43.1	43.4	40.3	37.4	(NA)
Children in household, average (number)	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3
Families receiving public assistance	45.0	46.5	43.9	48.3	44.2	43.4	43.4	47.4	48.3	(NA)
Characteristics of perpetrator:	1 500	1.50	135	135	100	500	1000		100	1000
Age, average (years)	32.3	31.7	31.7	32.0	31.4	33.8	31.2	31.3	31.5	31.5
Sex				-	1	7	57.5		100	1000
Male	39.0	39.2	39.0	38.1	41.2	39.3	38.6	40.4	43.0	40.6
Fomale		60.8	61.0	61.9	58.8	60.7	61.4	59.6	57.0	59.4
Race:	-1.0	-	-,	7,10	-0.0		-344			-
White	65.1	71.2	71.2	71.2	72.0	71.1	69.0	69.5	69.9	1
Black	17.7	16.5	18.4	19.1	17.6	19.7	19.7	18.7	19.1	1
Lienade		6.3	7.4	7.2	8.3	7.5	9.2	9.8	9.3	
Hispanic	8.0			2.5						1
Other	7.7	6.0	3.0	2.5	2.1	1.7	2.1	2,0	1.9	

NA Not available.

Source: American Humane Association, Deriver, CO, National Study on Child Neglect and Abuse Reporting, against

NO. 276. PERSONS ARRESTED BY SEX, AGE, AND RACE: 1975 TO 1986

11 data represent agencies reporting 6 to 12 months; thereafter, data represent those agencies reporting 12 months. See also Historical Statistics, Colonial Times to 1970, series H 999-1011]

ITEM	Unit	1975	1979	1980	1981	1982	1983	1984	1985	1986
SEX AND AGE			43	0.39	11	41				
eporting	Number	8,051	11,758	12,042	12,811	9,832	10,827	9,879	11,249	10,743
on represented	Million	179	205	208	214	187	201	180	203	198
nt of total population 1		84.1	93.0	92.4	93.6	80.9	85.8	76.2	85.0	82.3
rested "	1,000	8,014	9,506	9,703	10,296	10,062	10,287	8.922	10,290	10,392
	1,000	6,752	8.011	8,170	8,633	8,425	8,582	7,433	8,499	8,586
nt of total	Percent	84.3	84.3	84.2	83.9	83.7	83.4	83.3	82.6	82.6
nt under 18 years		25.5	21.3	19.7	18.8	17.0	15.8	16.1	16.1	15.8
	1,000	1,262	1,495	1,533	1,660	1,637	1,705	1,489	1,791	1,806
nt of total	Percent	15.7	15.7	15.8	16.1	16.3	16.6	16.7	17.4	17.4
nt under 18 years		35.5	29.4	27.1	25.0	22.8	21.5	22.8	22.0	21.6
8 years			2,143	2,026	2,036	1,805	1,726	1,538	1,763	1,748
nt of total	Percent	25.9	22.5	20.9	19.8	17.9	16.8	17.2	17.1	16.8
pars	1,000		3,279	3,426	3,594	3.527	3.513	2,970	3,335	3,325
ears	1,000		2,106	2.298	2,582	2,692	2.892	2,540	3,030	3.149
ears	1,000	870	983	1.001	1.089	1.115	1,211	1,075	1,282	1,323
ears	1,000	644	600	574	593	554	570	480	530	512
and over	1,000	386	385	378	400	370	375	319	350	335
RACE	11		100	1000	4.5			4.9.	100	1
eporting	Number	7,993	11,689	12,013	12,747	9,789	10,765	9.851	11,231	10,699
on represented	Million	169	204	208	214	186	200	179	202	198
nt of total population 1		79.5	92.9	92.3	93.3	80.5	85.5	76.0	84.7	82.0
rested a	1,000		9,468	9.684	10,264	10,000	10,248	8,891	10,239	10,336
	1,000		6,849	7,146	7,482	7,070	7,291	6,529	7,338	7,371
	1,000		2,343	2,375	2.619	2,777	2,796	2,216	2,721	2,789
	1,000	197	276	163	163	153	161	146	181	176

on resident population as of July 1, except 1980 based on April 1 census count. 

<sup>2</sup> Represents each person arrested n number of charges filed against each. Through 1981, includes persons for whom age was not known, not shown in breakdown by age.

### No. 279. Persons Arrested, by Charge, Sex, and Age: 1986

is arrests (not charges) reported by 10,743 agencies (reporting 12 months) with a total 1956 population of 196 million as estimated by FBI)

				PE	RCENT D	ISTRIBUT	NON		
CHARGE	Total (1,000)	Male	Under 15 yr.	Under 18 yr.	18-24 yr.	25-44 yr.	45-54 yr.	55-64 yr.	65 yr. and over
of arrests	10,302	82.6	5.2	18.6	32.0	43.0	4.9	2.3	.9
se crimee 1 d nonnegligent mensieughter pe d sessuit het icle theft	2,167 16 31 124 294 376 1,162 129 16	78.9 87.7 99.9 92.2 66.8 92.1 69.3 90.5 86.3	11.0 1.0 4.9 5.3 3.7 12.5 13.2 9.3 24.7	29.8 8.7 15.4 22.5 12.8 35.9 32.0 39.2 40.4	30.6 32.6 30.0 39.4 29.6 35.3 28.1 34.3 22.5	34.0 49.1 47.6 36.2 49.1 27.0 32.8 24.6 30.7	3.3 5.6 4.5 1.3 5.5 1.2 3.7 1.4 4.2	1.8 2.5 1.8 .4 2.3 .4 2.1 .4	.9 1.5 .7 .2 .9 .1 1.3 .1 .6
her noncerious crimes uuts uuts di counterfeiting nent party * (cerrying, etc.)	8,228 594 77 265 11 114 223 160	82.6 64.8 68.1 56.7 63.6 88.6 89.5 92.6	5.1 1.4 2.4 .5 6.7 20.3 4.0	13.4 14.5 9.5 6.2 6.6 25.2 42.8 15.7	32.4 30.1 37.3 26.8 35.6 37.5 29.0 34.2	46.4 46.3 49.0 58.5 50.0 33.8 25.4 42.7	5.4 4.7 3.1 5.9 5.7 2.5 1.8 4.6	2.5 1.8 .9 1.9 1.8 .9 .7 2.0	.9 .7 .3 .6 .3 .3
n and commercialized vice	97 84 692 26 47 1,459 490	34.6 92.1 85.5 82.8 85.0 88.5 83.2	.3 7.3 1.4 .4 2.7 (z) 2.1	2.3 16.4 9.9 2.4 5.3 1.6 27.0	41.6 23.5 38.6 15.5 24.6 26.8 48.9	52.1 46.6 48.2 52.8 62.3 56.2 19.6	2.4 7.4 2.4 16.0 5.7 8.2 2.8	1.2 4.1 .8 9.3 1.6 4.0 1.3	.5 2.0 .2 4.0 .5 1.2
conduct  bering (uvenilee) (uvenilee) (floresee, except traffic		91.1 81.8 68.1 83.4 74.5 42.3 84.6	.4 4.0 1.6 11.3 26.5 40.4 3.1	3.4 14.7 7.7 34.8 100.0 100.0 12.2	25.3 37.1 29.2 29.7 (x) (x) 34.9	52.9 40.3 49.3 31.6 (x) (x) 45.6	10.5 4.3 8.6 2.5 (X) (X) 4.6	5.9 2.5 3.9 1.1 (X) (X) 2.0	2.0 1.0 1.3 3 (X)

applicable Z Less than .05 percent 1 includes aron arrests, a newly established index offense in 1979. ng or entering. \*Buying, receiving, possessing. \*Excludes forcible rape and prostitution, shown separately.

U.S. Federal Bureau of Investigation, Crime in the United States, annual.

U.S. Federal Bureau of Investigation, Crime in the United States, annual.

#### No. 280, Arson—Summary by Property Type: 1984 to 1986

[10,046 agencies reporting. Includes only fires determined through investigation to have been willfully or maliciously set, including attempts]

PROPERTY TYPE	NUMBE	R OF OF	FENSES	PERCI	ARRES		PERCENT OF CLEARANCES UNDER 18			AVERAGE DAMAGE (dol.)		
	1984	1985	1986	1984	1985	1986	1984	1985	1986	1984	1985	1986
Total	82,338	86,455	87,585	19.2	18.9	18.2	36.6	37.1	36.5	10,378	1 15,457	13,198
Structure, total. Single occupancy residential. Other residential. Storage Industrial/manufacturing Other commercial. Community/public. Other structure	19,947 8,182 4,955 763 6,149 5,112	48,263 20,184 8,221 5,159 899 6,118 5,043 2,639	47,846 20,497 8,096 4,980 756 5,909 4,737 2,871	22.9 23.2 24.2 17.7 13.0 17.2 34.1 20.2	22.9 23.4 24.3 18.5 14.8 16.9 34.2 18.6	22.5 22.8 24.7 18.5 15.1 16.4 34.2 16.4	34.9 29.1 27.0 49.4 30.3 24.1 54.1 50.1	34.7 28.0 28.9 50.8 30.8 27.8 52.2 45.6	36.0 30.6 30.7 49.0 32.5 24.9 54.6 46.0	16,310 11,775 12,143 17,000 82,178 29,716 13,226 17,906	1 25,837 13,143 11,526 20,536 1 517,607 35,274 15,460 8,296	21,966 12,419 12,046 45,256 64,868 38,054 33,816 13,790
Mobile, total	18,304	22,324 20,487 1,837	24,485 22,578 1,907	10.9 10.4 16.3	10.9 10.4 16.4	10.2 9.9 14.1	20.3 18.1 35.3	19.8 18.2 30.8	19.8 18.3 31.6	3,470 3,084 7,542	3,707 3,343 7,777	3,651 3,289 7,940
Other	14,566	15,868	15,254	18.6	17.8	17.2	56.5	61.4	54.8	444	415	1,009

<sup>&</sup>lt;sup>1</sup> One areon reported in 1985 involved damage to industrial/manufacturing structures of over \$400 million, inflating the average damage values.

Source: U.S. Federal Bureau of Investigation, Crime in the United States, annual.

## No. 281. HOME CRIME PREVENTION MEASURES UNDERTAKEN BY HOUSEHOLDS: 1984 [See headnote, table 282]

	PERCE	NT OF HOL	SEHOLDS	THAT-		PERCE	NT OF HOL	SEHOLDS 1	тнат-
CHARACTERISTIC <sup>1</sup>	Have taken at least one meas- ure	Have a burglar alarm	Joined a neigh- borhood watch program	En- graved valua- bles with an identi- fying num- ber	CHARACTERISTIC <sup>1</sup>	Have taken at least one meas- ure	Have a burgiar alarm	Joined a neigh- borhood watch program	En- graved valua- bles with an identi- fying num- ber
Total	33	7	7	25	Educational attainment: 2				
16-19 years	41	(B)	6	36	Elementary school	18	5	4	12
20-24 years	34	4	4	30	High school	32	6	6	24 32
25-34 years	35	5	7	29	College	41	9	10	32
35-49 years		8	10	29	Family income: 5	20	5		16
50-64 years	32	8	9	23	Less than \$7,500 \$7,500-\$9,999	22 26 28 35	5	1 6	20
65 years and over	23	6	6	16	\$10,000-\$14,999	28	4	5 6	22
Race:					\$15,000-\$24,999	35	5	7	28
White	33	6	7	26	\$25,000-\$29,999	40	7	9	31
Black	33	8	10	23	\$30,000-\$49,999	41	8	11	20 22 28 31 32 35
Other	32	(B)	(B)	24	\$50,000 or more	51	16	15	35

B Base figure too small to meet statistical standards for reliability of derived figure. 

1 Individual characteristics are those of the household respondent.

2 The highest grade or year completed.

3 Income of all family members during the 12 months prior to the interview.

#### NO. 262. SECURITY MEASURES AT WORK PLACE, BY SIZE OF ESTABLISHMENT: 1984

[In percent. Represents respondents who reported. Based on the Victimization Risk Survey that was administered as part of the National Crime Survey in February of 1984. See source for details]

	NUM	BER OF E	MPLOYEE BHMENT	8 IN		NUM	BER OF E	MPLOYEE BHMENT	8 88
SECURITY MEASURES	Total 1	1-10	11-50	51 or more	SECURITY MEASURES	Total 1	1-10	11-50	S1 or more
Receptionist or guard who checks people in	42 33	22 26	40 38	65 43	Entry or gate kept locked during working hours Surveillance camera Guard dog	16	9 6	12 11 2	**
Pass or I.D. required for entrance	30 19	11 5	18 8	54 36	At least one of these measures	1 1	53	71	•

<sup>1</sup> Includes respondents for whom size of establishment was not known or not ascertained.

Source of tables 281 and 282: U.S. Bureau of Justice Statistics, Crime Prevention Measures, Special Report, March 1986.

#### ). 283. LAW ENFORCEMENT OFFICERS KILLED, BY DIVISION, OR ASSAULTED, BY TYPE OF WEAPON USED: 1975 TO 1986

vers officers killed feloniously and accidentally in line of duty; includes Federal officers. For composition of regions, see fig. I, inclide front cover. See also Historical Statistics, Colonial Times to 1970, series H 987-998]

ITEM	1976	1977	1978	1979	1880	1981	1982	1982	1984	1985	1988
rotal tilled	1 165	1 125	145	2 164	² 165	1157	* 164	4 152	147	7 148	131
	28 40	14 26	17 24	21 28	31 23	17 29	17 41	20 26	21 22	19 23	15 19
1	71 38	65 18	69 31	77 32	72 32	80 27	75 27	84 34	69 32	64 29	62 29
o Rico		, ,,	31	32	8	3	3	34	32	10	20
ASSAULTS		l '	'				1				
lation (1,000)*	151,927	188,868	180,948	182,027	182,288	177,836	176,583	198,341	195,794	198,935	196,030
encies represented	7,435	8,742		9,638	9,235	9,019		9,908	10,002	9,908	9,755
ice officers	44,867	49,156	56,130	59,031	57,847	332,856 57,116		62,324		61,724	64,250
serm		2,809 1,481	3,065 1,761	3,237 1,720	3,295 1,653	3,330 1,733	2,642 1,452	3,087 1,829	2,654 1,662	2,793 1,715	2,852 1,614
ver dangerous weaponnds, fists, feet, etc	4,516	4,626 40,240	5,485 45,819	5,543 48,531	5,415 47,484	4,800 47,253	4,879 46,802	5,527 51,901	5,148 50,669	5,263 51,953	5,721 54,072

cludes one officer each in Virgin Islands and Guern. \*Includes one officer in Virgin Islands. \*Includes 2 officers in 1. \*Includes one officer in Mariana Islands. \*Includes one officer each sem and Mariana Islands. \*Includes one officer in Guern and 2 in foreign locations. \*Represents the number of ins covered by agencies shown.

arce: U.S. Federal Bureau of Investigation, Law Enforcement Officers Killed and Assaulted, annual.

#### No. 284. ALIENS EXPELLED AND IMMIGRATION VIOLATIONS: 1970 TO 1986

fiscal years ending in year shown. See text, section 9. See also Historical Statistics, Colonial Times to 1970, series C 144, C 149, and C 158-160]

ITEM	Unit	1970	1975	1979	1980	1981	1962	1983	1984	1963	1868
rted	1,000 1,000		679 23	992 26	<b>736</b> 17	<b>837</b> 17	824 14	944 17	<b>931</b> 18	1,067 21	1,612 23
siee statementsired to depart		47.6 303	70.5 656	87.0 966	84.0 719	82.6 820	81.4 810	79.6 927	<b>80.8</b> 913	80.8 1,046	79.7 1,589
resecutions disposed of gration violations nellty violations	Number	5,510 524	14,172 13,947 225	17,398 16,970 428	14,863 14,496 365	16,005 15,602 403	14,138 13,712 428	16,493 15,848 645	17,960 16,969 991	17,828 16,978 712	23,405 22,496 909
pratton violationsnality violations	Number		12,811 12,676 135	15,463 15,163 300	12,935 12,678 257	12,771 12,509 262	10,320 10,058 262	11,233 10,947 286	10,546 10,237 309	9,833 9,635 198	15,259 14,995 264

### No. 285. IMMIGRATION BORDER PATROL AND INVESTIGATION ACTIVITIES: 1970 TO 1986

In thousands, except as indicated. For flecal years ending in year shown, except as indicated. See text, section 9]

ITEM	1970	1975	1979	1980	1981	1982	1963	1984	1985	1985
BORDER PATROL								1	1	1
r patrol agents:	i					i	İ	i	ĺ	;
horized (number)		1,803	2,339	2,484	2,289	2,429	2,413	2,409	3,228	3,27
in duty (number)		1,708	1,909	2,329	2,218	2,186	2,291	2,261	3,023	2,940
r patrol obligations (\$1,000)	. 28,447	55,254	71,021	82,534	85,610	98,774	110,174	114,088		150,410
ns apprehended 1		602.2	896.9	766.6	833.2	828.0	1,115.4	1,135.0	1,272.4	1,705.3
table aliens located		596.8	888.7	759.4	825.3	819.9	1,105.7	1,138.6	1,262.4	1,692.5
dcan	219.3	579.4	866.8	734.2	797.9	795.4	1,076.3	1,102.6	1,218.7	1,635.7
redien	. 7.8	7.3	5.7	5.3	5.8	5.7	5.9	58	5.9	6.2
<b>&amp;</b>	. 41	10.1	16.2	19.9	21.6	18.8	23.5	30.2	37.8	50.6
glers of aliens located		6.9	15.3	13.1	12.6	11.8	13.4	13.5	14.7	19.
gled allens apprehended	. 18.7	80.4	172.7	112.6	90.1	80.4	86.7	91.7	95.7	114.7
located:	1	1	1	1	l	!		1	1	İ
viously expelled		184.6	259.1	211.0	256.9	244.1	328.1	331.4	372.0	452.
vious criminal record		10.3	12.4	11.3	125	9.3	9.2	8.7	9.8	14.
byences examined		3,470	4,030	3,849	4,639	5,371	5,489	5,144		6,12
omobiles		2,663	2,791	2,590	3,074	3,613	3,861	3,710	3,468	4,511
ns questioned 2		11,265	11,900	10,844	12,492	14,238	14,474	14,279	13,490	17,540
utomobiles		6,868	6,841	6,328	7,187	8,477	8,722	8,926	8,093	10,904
lestrians		2,056	2.314	1,706	1,862	1,965	2,119	2,089	2.063	2,76
er of seizures		917	421	1,920	2,441	4,033	5,807	6,456	7,827	10,464
of seizures (\$1,000)	. 4,547	28,654	9,967	116,115	17,348	15,178	43,536	60,303		194,710
cotics (\$1,000)	3,865	26,302	8,448	110,272	10,236	5,242	28,729	43,475	119,056	161,750
INVESTIGATION	1	!	i	1		1	i		i	i
rtable aliens located	. 114.1	169.8	187.7	150.9	128.1	142.8	1408	102.9	83.9	72.0
rdcen	. 58 1	100.9	132.1	63.3	76.2	92.1	96.0	66.2	48.3	35.0
tedler		.9	1.7	1.5	1.5	1.6	1.5		1.1	1.4
<b>4</b>		68.0	53.9	86.1	50.4	49.1	43.3	35.6	34.5	35.8

lawers deportable allens located and U.S. citizens engaged in amuggling or other immigration violations, includes types not shown separately

urge of tables 284 and 285; U.S. Immigration and Naturalization Service, Statescal Yearbook, annual; and unpublished data.

NO. 266. DRUG REMOVALS, LABORATORY SEIZURES, AND PERSONS INDICTED, BY DEA: 1983 TO 1986.
[Represents domestic drug removals, 1 kg = .454 lbs: du = dosage unit. Minus alon (=) indicates decrease)

						PER	CENT CH	WGE
ITEM	Unit	1983	1984	1965	1905	1983- 64	1984- 95	1905- 56
Domestic drug removels:								
Heroin	ka	302	346	447	364	14.6	29.2	- 18.6
Cocaine	kā	7.399	11,742	18,129	27,089	58.7	54.4	49.4
Cannabis (Marihuana)	kg	1,029,825	1,399,926	744,642	825,445	35.9	-46.8	10.9
Dengerous drugs	du	19,785,043	13,777,025	25,956,327	46,222,026	-30.4	86.5	76.0
Clandestine laboratory seizures		235	290	338	509	23.4	16.6	50.6
Narcotic Title III intercepts	Number	76	83	136	85	9.2	63.9	-37.5
Asset removals:								
Total seizures			150,975	246,344	396,919	(NA) -3.2	63.2	61.1
DEA seizures	\$1,000	95,650	92,545	171,868	308,693	-3.2	85.7	79.6
Seizures through interagency						4		
cooperation			58,431	74,456	86,226	(NA)	27.4	18.5
DEA forfeitures		(NA)	30,246	59,199 7,404	59,506	(NA)	95.7 55.0	.5
Judicial bond forfeitures	\$1,000		16,447 3,489	2,161	(NA) (NA)	I INA	-38.1	1 123
Abendonments			366	617	1	I MA	58.8	23 33 163
Arrests		12,997	13,128	15,727	18,694	1.0	19.8	163
Convictions		9,973	10,809	10,519	12,154	8.4	-2.7	15.5
Number of persons indicted		(NA)	6,442	9,279	11,454	(NA)	44.0	23.4

NA Not available. <sup>1</sup> Refers to all criminal and civil fees levied. Source: Drug Enforcement Administration (DEA), *Annual Statistical Report*.

## NO. 267. AUTHORIZED INTERCEPTS OF COMMUNICATION—SUMMARY: 1970 TO 1986 [Data for juriedictions with statutes authorizing or approving interception of wire or oral communication]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Jurisdictions: 1			ho	. 02	100	1.5			1				
With wiretap statutes	19	24	24	24	24	26	28	29	29	31	31	32	32
Reporting interceptions	12	18	21	19	20	20	22	22	22	20	24	22	24
Intercept applications authorized	596	701	686	626	570	553	564	589	578	648	801	784	754
Intercept installations	582	676	635	601	560	533	524	562	518	602	773	722	676
Federal	179	106	136	77	81	87	79	106	129	205	277	235	247
State	403	570	499	524	479	446	445	456	389	397	496	487	429
Intercepted communications, avg. *	656	654	662	658	738	866	1.058	848	1,082	1.107	1,209	1,320	1,328
Incriminating	296	305	272	268	205	252	315	190	209	229	298	275	253
Persons arrested 3	1.874	2,234	2,180	2,191	1,825	1,717	1,871	1,735	1,725	1,716	2.393	2,469	2.410
Convictions <sup>a</sup>	151	336	358	372	337	368	259	248	453	521	649	660	761
Major offense specified:	17.00	-	-	-		000			100		0.0		1 72
Gambling	325	408	378	265	241	204	199	156	150	157	186	206	189
Drugs	127	178	190	237	195	250	282	318	333	360	483	434	348
Homicide and assault	21	16	10	22	25	29	13	33	31	31	30	25	34
Other	123	99	108	102	109	70	70	82	64	100	102	119	183

<sup>&</sup>lt;sup>1</sup> Jurisdictions include Federal Government, States, and beginning 1975, District of Columbia. <sup>2</sup> Average per authorized installation. <sup>3</sup> Based on information received from intercepts installed in year shown.

### No. 268. CRIMINAL JUSTICE SYSTEM—PUBLIC EXPENDITURES AND EMPLOYMENT, BY LEVEL OF GOVERNMENT: 1980 TO 1985

[Expenditures are for fiscal years. Employment as of October. Expenditures are direct expenditures only and on cash flow basis. See also Appendix III and Historical Statistics, Colonial Times to 1970, series H 1012-1027 for similar data]

		PENDITUR			FULL-TIM	IE EQUIVA	LENT EM	PLOYMEN	ıτ
LEVEL OF GOVERNMENT AND ACTIVITY		(mil. dol.	,	To	otal 1 (1,0	000)	-	Rate <sup>1</sup>	
	1980	1983	1985	1980	1983	1965	1980	1983	1985
All governments		39,680	45,607	9 910	1,223	1,369	3 40.2	3 54.0	4 57.3
Police	15,163	20,648	22,014	647	669	693	28.6	29.5	29.0
Judicial and legal	(NA)	8,621	10,070	(NA)	244	282	(NA)	10.3	11.8
Corrections	6,901	10,411	13,034	263	311	387	11.6	13.7	16.2
Federal government		4,844	5,684	3 66	3 104	a 108	3 2.9	* 4.6	9 4.5
Police	1,739	2,745	2,768	56	64	61	2.5	2.8	2.6
Judicial and legal	(NA)	1,523	1,999	(NA)	30	32	(NA)	1.3	1.3
Corrections	387	576	707	10	10	14	.4	4	.6
State governments		11,709	14,664	236	352	431	10.4	15.5	18.1
Percent of total	28.5	29.5	32.2	25.9	28.8	31.5	(x)	(x)	(x)
Police	2,027	2,630	3,228	75	77	99	3.3	3.4	4.1
Judicial and legal	(NA)	2,756	3,172	(NA)	81	90	(NA)	3.6	3.8
Corrections		6,323	8,081	161	194	239	7.1	8.6	10.0
Local governments *	13,653	23,127	25,260	608	767	829	26.8	33.9	34.7
Percent of total	61.9	58.3	55.4	66.8	62.7	60.6	(x)	00	(X
Police		15,273	16,018	516	528	533	22.8	23.3	22.3
Judicial and legal		4,342	4,899	(NA)	133	161	(NA)	5.9	6.7
Corrections	2,256	3,512	4,247	92	106	134	4.1	4.7	5.6

NA Not available. X Not applicable. <sup>1</sup> Total payroll divided by full-time payroll multiplied by full-time employees

<sup>2</sup> For 1980 rate per 10,000 estimated resident population as of April 1, 1980; for 1983 and 1985, as of July 1

<sup>3</sup> Data for Federal government represent total employment (full- and part-time).

<sup>4</sup> Data are estimates subject to sampling

Source: Administrative Office of the U.S. Courts, Report on Applications for Ordere Authorizing or Approving the Interception of Wire or Oral Communications, (Wiretap Report), annual.

Source: U.S. Bureau of Justice Statistics, Justice Expenditures and Employment Extracts, surruei.

## 1. STATE AND LOCAL GOVERNMENT EMPLOYMENT AND EXPENDITURES FOR CRIMINAL JUSTICE ACTIVITIES; 985

ent as of October. Expenditures for fiscal years ending between July 1984 and June 1988. Local government data are is subject to sampling variation; see Appendix III and source. For composition of regions, see fig. I, inside front cover]

DIVISION, AND	TOTA	L EMPLOYME	NT	EMPLOYN 10, POPUL	MENT PER		EXPEND	ITURES	
STATE	Total	Police protection	Correc- tion	Police protec- tion	Correc- tion	Total (mil. dol.) <sup>2</sup>	Per capita (dol.)	Police protec- tion (mil. dol.)	Correc- tion (mil. dol.)
· · · · · · · · · · · · · · · · · · ·	1,050,706	694,191	356,515	25.5	14.3	43,235	181	20,956	12,839
	262,027	178,159	83,868	29.5	16.3	10,682	214	5,015	3,236
	235,009	167,260	67,749	24.1	10.9	9,260	156	4,747	2,442
	346,862	213,711	133,151	23.9	15.9	12,399	151	6,017	3,922
	206,808	135,061	71,747	26.1	13.9	10,894	228	5,177	3,240
**************************************	54,963	39,244	15,719	25.1	11.9	2,074	164	1,019	530
	4,340	3,102	1,238	20.8	9.5	128	110	61	34
	4,034	3,262	772	21.3	7.0	140	140	65	38
	1,969	1,395	574	19.9	9.2	74	138	32	21
	26,048	18,718	7,330	26.6	12.3	1,024	176	497	270
	3,774	2,752	1,022	25.5	10.5	164	169	84	38
	14,798	10,015	4,783	25.9	14.6	544	171	280	129
	207,064	138,915	68,149	30.9	17.8	8,608	291	3,996	2,706
	111,518	69,456	42,062	34.6	23.1	5,220	294	2,380	1,774
	49,346	35,116	14,230	35.9	18.3	1,592	210	805	423
	46,200	34,343	11,857	22.1	9.5	1,796	152	811	509
ADDITION OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF T	172,342	123,479	46,863	24.9	11.3	6,884	165	3,536	1,848
	38,404	27,579	10,825	21.0	9.7	1,617	150	808	443
	19,647	13,114	6,533	20.4	11.5	593	108	277	190
	57,748	43,474	14,274	31.9	12.2	2,023	175	1,139	506
	36,632	24,485	12,147	23.5	12.6	1,788	197	849	480
	19,911	14,827	5,084	24.9	9.7	863	181	462	229
	62,667	43,781	18,886	22.0	9.9	2,376	135	1,211	593
	13,159	8,926	4,231	18.2	8.7	665	159	318	172
	9,309	6,454	2,855	18.8	9.3	368	127	185	93
	20,260	14,611	5,649	26.6	10.5	660	131	374	154
	1,997	1,558	439	19.3	5.7	75	109	34	14
	2,396	1,682	714	20.1	8.6	79	112	38	21
	5,820	3,881	1,939	22.1	11.1	206	128	100	59
	9,726	6,667	3,059	24.0	12.0	324	132	162	80
	185,664 3,230 22,541 7,925 25,720 5,079 24,834 13,177 25,848 57,310	111,991 1,758 13,499 4,597 13,930 3,611 15,018 8,060 15,700 35,818	73,673 1,472 9,042 3,328 11,790 1,468 9,816 5,117 10,148 21,492	25.5 24.6 28.5 70.1 22.8 16.8 22.4 21.6 23.3 28.9	17.8 22.5 19.9 52.3 19.6 6.2 15.4 15.1 16.7 18.5	6,922 130 940 435 914 168 821 427 835 2,252	172 209 214 695 160 87 131 128 140	3,269 56 425 182 409 81 397 179 376 1,164	2,299 40 336 174 346 36 283 164 299 621
	54,132	34,082	20,050	20.0	13.0	1,729	114	824	525
	13,480	7,922	5,558	19.3	14.3	417	112	192	119
	18,190	11,171	7,019	20.3	14.6	568	119	279	179
	13,999	9,317	4,682	21.3	11.4	498	124	225	158
	8,463	5,672	2,791	18.5	10.4	245	94	128	69
**************************************	107,066	67,638	39,428	23.5	14.6	3,749	141	1,924	1,097
	7,227	4,859	2,368	19.2	9.7	219	93	116	63
	21,184	13,084	8,100	25.2	17.7	785	175	408	217
	13,167	8,821	4,346	25.2	13.0	432	131	208	145
	65,488	40,874	24,614	23.3	14.8	2,313	141	1,192	672
Name of the state	55,099	36,561	18,538	26.7	13.8	2,484	194	1,213	720
	3,211	2,180	1,031	23.1	10.8	123	149	54	34
	3,363	2,527	836	22.6	7.8	120	119	67	25
	2,558	1,885	673	34.9	12.7	115	226	60	29
	12,556	9,076	3,480	26.6	10.5	602	186	306	156
	7,413	4,303	3,110	27.7	20.9	296	204	129	108
	14,755	9,058	5,697	28.1	17.5	728	228	353	218
	5,715	3,913	1,802	19.8	9.3	244	148	124	68
	5,528	3,619	1,909	35.9	19.4	256	274	118	83
	151,709	98,500	53,209	25.9	13.9	8,411	240	3,965	2,519
	17,020	9,953	7,067	21.3	14.9	838	190	346	325
	9,858	6,299	3,559	21.4	12.2	463	172	226	127
	118,149	77,745	40,404	27.0	14.0	6,539	248	3,173	1,896
	2,796	1,671	1,125	29.4	19.5	360	691	129	127
	3,886	2,832	1,054	26.4	9.7	210	200	91	44

on resident population as of July 1. 2 Includes judicial and legal, not shown separately.

U.S. Bureau of the Census, Public Employment, series GE No. 1, annual, and Governmental Finances, series GF No. 5,

## No. 280. LAWYERS—SELECTED CHARACTERISTICS: 1954 TO 1985

[See headnote, table 291. See also Historical Statistics, Colonial Times to 1970, series H 1028-1082]

CHARACTERISTIC	1954	1957	1960	1963	1966	1970	1960	1985
All lawyers 1 Lawyers reporting 2		262,320 235,783	285,933 252,385	296,069 268,782	316,656 289,404	355,242 324,818	542,205 (X)	655,191 (x)
Male Female	216,564 5,036	229,433 6,350	245,897 6,488	261,639 7,143	281,336 8,068	315,715 9,103	498,019 44,185	569,649 85,542
Government Federal	9,040	24,245 12,458	25,621 13,045	29,314 15,113	31,280 16,284	35,803 18,710	50,490 20,132	53,035 19,989
State	8,678	4,000 7,787 7,910	4,316 8,260 8,180	6,486 7,715 8,748	7,416 7,580 9,712	9,293 7,800 10,349	30,358 19,160	21,677
Federal	621 5,041	769 5,056	599 5,301	707 5,712	800 6,823	878 7,548)	2,611	3,003
City	2,241 189,423 127,389	2,085 188,955 122,389	2,280 192,353 116,911	2,329 200,586 113,127	2,089 212,662 113,273	1,923 236,085 118,963	370,111 179,923	460,206
Partner Associate 4	51,668	54,966	60,709	70,064	78,544 20,845	92,442	190,187	f177,392 66,478
Salaried	16,648 15,063	21,054 18,911	25,198 22,533	29,510 26,492	33,222 29,405	40,486 33,593	73,862 54,626	83,843 63,622
Educational institutions	234	1,504 639 7,661	1,798 867 10,887	2,100 918 12,024	2,717 1,100 14,881	3,732 3,161 16,812	6,606 12,630 28,582	7,254 12,967 36,430

X Not applicable. 1954-1970 includes lawyers not reporting and an adjustment (subtraction) for duplications; 1980 and 1985 weighted to account for non-reporters and duplicate listings. 1954-1970 includes duplications; 1980 and 1985 figures are weighted to adjust for duplication of entries. 1954-1970, in cases where more than 1 substrity was applicable, the individual was tabulated in each. In 1980 and 1985 lawyers who were in both private practice and government service are coded in private practice. 4 Associates are lawyers designated as such by their employers.

Source: American Bar Foundation, Chicago, IL., 1954–1970, The 1971 Lawyer Statistical Report, 1971 (copyright); 1980, The Lawyer Statistical Report: A Statistical Profile of the U.S. Legal Profession in the 1980s, 1985 (copyright); and 1985, Supplement to The Lawyer Statistical Report: The U.S. Legal Profession in 1985, 1956 (copyright).

#### No. 291. LAWYERS, BY STATE: 1970 TO 1985

[Data based on 1971, 1980 and 1985 editions of Martindale-Hubbell Law Directory. Represents all persons who are members of the ber, including those in industries, educational institutions, etc., and those inactive or retired]

				1985		11				1985	
STATE	1970 1	1980 *	Total <sup>3</sup>	In private practice 3	Population per law- yer <sup>3</sup>	STATE	1970 1	1980 ²	Total <sup>3</sup>	in private practice 2	Population per law- yer a
U.S.*	324,818	542,205	655,191	460,206	360	мо	7,230	10,731	12,439	8,531	400
AI	3,291	E 400	0.070	4 747	507	MT	978	1,617	2,006	1,432	411
ALAK	443	5,466 1,355	1,749	4,747	597	NE	2,481	3,722	4,289	2,876	374
4.7	2,618	5,657	7,535	1,191 5,248	286 405	NV	739	1,771	2,276	1,561	400
	1,969	3,188	3,741	2,586	628	MI	791	1,678	23,301	16,429	321
~*	31,580	64,840	82,001	60,719	312	A.19-4	11,126	2,508	3,164	2,302	450
00	4,197	8,652	11,174	7,991	284		48,312	62,745	72,575	52,130	244
CT	5,398	8,930	11,397	7,342	277	NY	4,367	7,459	9,265	6.520	665
DE	733	1,332	1,597	896	384	NC	728	1,101	1,290	888	532
DC.	15,501	25,465	28,399	12,617	22	OU	15,349	23,949	27,191	19,125	395
CI	10,917	23,521	30,444	21,709	361	OW	4,637	7.034	8,302	5,923	397
	5,517	11,087	13,652	10.097	428	On	2,996	5,803	7,385	5,337	362
HI	0.57	2,027	2,787	2.019	373	PA	13,557	22,872	27,798	20,393	425
D	603	1,706	2.031	1,370	493	RI	1.284	2,070	2,527	1,909	381
L		32,421	37.873	26,463	304	SC	2,236	4,195	5021	3,755	657
N	E 442	8,443	9,499	6.862	579	SD	812	1,125	1,230	880	574
ΙΑ	2 020	5,550	6.182	4,339	471	TN	4,770	7,802	8,782	6,206	537
KS	0.400	4,759	5,555	3.828	439	TX	17.217	30,151	39,028	28,184	410
KY	3,625	6,200	7,017	4,941	531	UT	1.309	2,480	3,446	2,585	479
LA	5,089	8,752	10.569	8.272	422	VT	581	1.095	1,372	979	386
ME	4 000	2,062	2,528	1,848	457	VA	6,401	10,895	13,390	9,031	421
MD	6,619	10,648	12,866	8.405	338	WA	4,466	8,468	11,507	8,411	376
MA	11,316	18,537	22,154	16,579	262	WV	1,719	2,566	2,835	2.033	689
MI	10,569	17,443	20.445	14,501	444	WI	6,177	9,117	10,315	7,187	462
MN	5,481	9,433	11,343	7,767	367	WY	449	927	1,116	755	458
MS		3,850	4,270	3,198	608	11 1 1200000000000000000000000000000000		- 55.	.,,,,,,	100	

<sup>&</sup>lt;sup>1</sup> Represents lawyers reporting only. Includes an estimated adjustment (subtraction) to account for duplications. Based on reporting from approximately 90 percent of all lawyers. 

<sup>2</sup> Weighted to account for non-reporters and duplicate listings. 

<sup>3</sup> Based on Bureau of the Census estimated resident population, including Armed Forces stationed in area as of July 1, 1984. 

<sup>4</sup> Total for U.S. counts each lawyer only once regardless of number of offices maintained by the lawyer. If, however, a lawyer maintains an office in more than one State, the lawyer is included in the total shown for each State in which the lawyer maintains an office.

Source: American Bar Foundation, Chicago, IL, The 1971 Lawyer Statistical Report, 1971 (copyright), 1980, The Lawyer Statistical Report: A Statistical Profile of the U.S. Legal Profession in the 1980s, 1985 (copyright); and 1985, Supplement to The Lawyer Statistical Report: The U.S. Legal Profession in 1985, 1986 (copyright).

#### No. 292. U.S. SUPREME COURT—CASES FILED AND DISPOSITION: 1970 TO 1985

shalory term of court begins first Monday in October. See Historical Statistics, Colonial Times to 1970, series H 1063-1078, for related but not comparable data]

ACTION	1970	1975	1975	1979	1980	1981	1982	1982	1964	1980
Total cases on docket	4,212	4,791	4,731	4,791	5,144	5,311	6,070	5,100	5,006	5,150
reflete cases on docket	1,903	2,352	2,383	2,509	2,749	2,935	2,710	2,666	2,575	2,571
rosin prior term	325	431	434	425	527	522	545	520	530	400
locksted during present term	1,578	1,921	1,949	2,084	2,222	2,413	2,165	2,166	2,036	2,171
ages acted upon	1,613	1,900	2,023	2,050	1 2,324	1 2,513	2,279	1 2,220	1 2,253	2,165
Granted review	214	244	210	199	167	203	168	140	167	168
Denied, dismissed, or withdrawn	1.265	1,538	1,734	1,776	1,999	2,100	1.892	1,902	1.963	1,863
Summerby decided	114	116	79	75	90	114	113	71	50	78
tases not acted upon	290	452	360	450	425	422	413	466	322	386
per cases on docket	2,289	2,395	2,331	2,249	2,371	2,354	2,352	2,394	2,416	2,577
tage acted upon	1.802	1,997	1,996	1,838	1 2,027	1 2,039	2,013	1 1,892	2,087	2,189
Granted review	41	28	27	32	17	7	10	9	16	20
Denied, dismissed, or withdrawn	1,883	1,903	1,938	1.757	1.966	2,014	1.995	1.986	2.050	2,136
Summerty decided	78	68	31	49	32	12	1 .,	10	14	24
asse not acted upon	487	386	335	411	344	315	339	402	329	386
inal cases on docket	20	14	17	23	24	22	17	18	15	10
ass disposed of during term	7	7	l ' <u>-</u>	- 1	7	T .	'3	7	i .	2
Total cases available for argument	267	280	240	236	984	318	312	200	271	270
as disposed of	160	161	170	160	162	192	199	189	184	175
sees argued	151	179	166	156	154	184	183	184	175	171
tages dismissed or remended			٠		٠.٠٠		٠		1	
without argument	9	2	2	4	8	8	16	5	و ا	
es remaining	107	9	79	78	102	126	113	80	87	101
es decided by signed opinion	126	180	153	143	144	170	174	174	159	161
es decided by per curtem opinion	22	16	133	12	'	110	''3	1 1/2	111	10
ther of sissed solution	109	138	130	130	123	141	151	151	139	148
siber of signed opinions	100	136	130	130	123	141	1 151	101	139	140

Represents zero. Includes cases granted review and carried over to next term, not shown separately, ource: Office of the Clerk, Supreme Court of the United States, unpublished data.

NO. 293. U.S. COURTS OF APPEALS CASES COMMENCED AND DISPOSITION: 1970 TO 1986
[For years ending June 30. See also Historical Statistics, Colonial Times to 1970, series H 1079-1096]

ITEM	1970	1975	1970	1975	1980	1581	1982	1980	1984	1980	1980
es commenced 1	11,002	16,668	18,918	20,219	23,200	26,362	27,946	29,630	31,490	23,200	34,292
riminal	2,660	4,187	4,487	4,102	4,405	4,377	4,767	4,790	4,881	4,988	5,134
.B. alvi	2,187	2,961	3,928	3,963	4,654	4,940	5,517	5,820	6,250	6,744	6,415
rivate civil dministrative	4,834	6,511	7,234	8,237	10,200	12,074	13,267	14,429	15,468	16,827	17,876
appeals	1,522	2,290	2.382	2,922	2.950	3,800	3,116	3,069	3.045	3,179	3,187
se terminated 1	16,668	16,000	17,714	16,650	20,867	25,086	27.984	23,200	31,196	31,367	33,774
riminal	2,581	4.005	4.481	4,320	3,993	4,192	4,522	4,777	4,876	4.802	5,134
.S. cM	1.912	3,094	3,437	3,657	4,346	5,021	5,508	5,585	6.074	6.363	6.536
rivate civii dministrative	4,367	8,252	6,813	7,175	8,942	11,327	13,115	13,710	15,309	15,743	17,276
appeals	1,407	1,909	2.256	2,602	2.643	3,303	3,549	3,260	3,212	2,760	3,235
ne disposed of 1	8,130	9,077	6,060	9.361	10,007	12,100	12,720	13.217	14,327	16,300	18,190
filmed or granted	4,626	6,763	6,717	7.125	8.017	9,004	9.560	10.174	10,961	12,286	13,398
eversed or denied	1,280	1.632	1,538	1,548	1.845	2,248	2.138	2.173	2.382	2,770	3,249
	233	682	597		745	918	1,022	870	984	1,313	1,552
for months :	8.2	7.4	8.0	8.1	8.9	9.3	8.9	8.6	8.3	10.3	10.3

Includes original proceedings and bankruptcy appeals not shown separately. \*\*Terminated on the merits after hearing or mission. Beginning 1975, data not comparable with earlier years due to changes in orients. \*\*Prior to 1985, the figure is 1986 figure is from filling or complete record to final disposition.

No. 294. U.S. DISTRICT COURTS-CIVIL AND CRIMINAL CASES: 1970 TO 1986

a thousands, except percent. As of end of fiscal year; see text, section 10. See also Historical Statistics, Colonial Times to 1970, series H 1097-1111]

ПЕМ	1970	1975	1970	1979	1980	1961	1982	1963	1964	1980	1980
I cases: Commenced		117.3	138.8	154.7	168.8	180.8	206.2	241.8	261.5	273.7	254.8
uses terminated 1	79.5	103.8	123.2	140.0	155.0	1729	185.5	213.6	241.8	268.6	265.8
No court action		39.2	45.3	60.2	68.7	72.1	81.6	99.0	113.9	129.4	122.2
Court action, total	48.4	84.6	77.6	79.9	86.2	100.8	103.9	114.6	127.9	139.2	143.6
Before pretrial	29.4	40.3	48.7	49.7	53.8	61.1	67.3	75.9	86.1	95.5	101.9
Protried	11.0	15.6	19.7	20.5	22.4	28.3	25.3	27.1	29.6	31.1	29.9
Trigito	8.0	8.7	9.4	9.6	10.1	11.4	11.3	11.6	12.1	12.6	11.7
Percent reaching trial	10.0	8.4	7.6	6.9	8.5	8.6	6.1	5.4	5.0	4.7	4.4
minal cases: Commenced *	36.1	41.1	34.6	31.5	28.0	30.4	31.6	34.9	35.9	38.5	40.4
letendants disposed of "	35.4	49.2	45.9	41.2	36.6	36.1	40.5	43.3	44.5	47.4	50.0
Not convicted	6.2	11.8	9.4	6.3	8.0	8.3	8.2	7.7	8.4	6.8	9.3
Convicted	26.2	37.4	36.5	32.9	28.6	29.9	32.3	35.6	36.1	36.5	40.7
Imprisonment		17.3	17.4	14.6	13.2	13.7	15.9	17.9	17.7	18.7	20.6
Probation		17.9	14.5	13.5	11.1	12.2	12.7	14.1	13.9	14.4	15.2
Fine and other	4.4	2.2	4.6	4.9	4.4	4.0	3.7	3.6	4.5	5.4	4.9

Excludes land condemnation cases. <sup>2</sup> Excludes transfers. <sup>2</sup> Beginning 1975, Includes DC; beginning 1978, Includes sw, Virgin letands, and Northern Mariana Islands; 1976 through 1982 includes Canal Zons.

Surce of tables 293 and 294: Administrative Office of the U.S. Courts, *Annual Report of the Director*.

No. 295, U.S. DISTRICT COURTS-CIVIL CASES COMMENCED, AND PENDING: 1975 TO 1986

No. of Particular Part	1	CASES CO	MMENCED			CASES	PENDING	
TYPE OF CASE	1975	1980	1985	1986	1975	1980	1985	198
Cases total 1		168,789	273,670	254,828	119,767	186,113	254,114	242,
Recovery of overpayments 2		49,052 15,588	102,642 58,160	88,352 40,824	23,524 425	40,521 6,696	65,983 22,576	13,4
Real property actions	6,488	11,067	10,118	10,674	5,817	15,436	9,324	9,4
Tort actions 1	25,691	32,539	41,593	42,326	30,689	41,062	57,243	61,4
Personal injury		27,517	37,560	38,248	26,198	34,994	52,608	56,8
Personal injury product liability 1	(NA)	(NA)	12,507	12,459	2,768	9,118	22,111	26,2
Asbestos		(NA)	4,239	5,463	(NA)	(NA)	11,194	15,0
Other personal injury		27,517	25,053	25,789	23,430	25,876	30,497	30,5
Personal property damage	4,470	5,022	4,033	4,078	4,491	6,068	4,635	4,6
Actions under statutes 1	60,051	75,574	119,160	113,392	58,568	88,534	121,295	112,4
Civil rights 1	10,392	12,944	19,553	20,128	11,843	18,819	26,148	25,9
Employment	(NA)	5,017	8,082	9,174	4,679	8,893	12,187	12,4
Bankruptcy suits	395	1,688	6,331	4,561	542	1,443	4,866	3.9
Antitrust	1,431	1,496	1,082	877	2,639	2,968	1,915	1.5
Banks and banking		202	343	518	219	260	422	100
Commerce (ICC rates, etc.)	4,042	1,105	912	922	7,496	6,194	747	
Environmental matters	(NA)	557	652	641	468	751	912	1008
Prisoner petitions		23,287	33,468	33,765	10,469	18,008	29,982	29,5
Forfeiture and penalty		3,019	4,908	3,480	1,481	2,282	3,658	2,7
Labor laws	6,617	8,640	11,749	12,839	5,749	9,045	11,002	11.6
Protected property rights 3	2,276	3,783	5,412	5,681	2,652	4,014	5,151	5,3
Securities commodities and exchanges	2,408	1,694	3,266	3,059	4,280	3,255	5,082	5,2
Social Security laws	5,846	9,043	19,771	14,407	5,595	13,154	20,302	12,0
Tax suits		3,262	2,966	2,750	2,385	3,075	2,972	2,5
Freedom of information	(NA)	627	565	505	(NA)	617	555	4

NA Not available. I includes other types not shown separately. Includes enforcement of judgments in student it cases, and overpayments of veterans benefits.

#### No. 296. U.S. DISTRICT COURTS-TRIALS: 1970 to 1986

[As of end of flocal year; see text, section 10. A trial is defined as a contested proceeding (other than a hearing on a motilibefore either court or jury in which evidence is introduced and final judgment sought. See also Historical Statistics, Color Times to 1970, series H 1112-1118]

TYPE OF TRIAL	1970	1975	1979	1979	1980	1961	1902	1903	1964	1980	194
Total	16,032	19,236	18,851	18,563	19,825	21,230	21,367	21,345	29,630	20,729	20,1
Civil trials	2,357	11,603 7,903 3,700 7,633 2,726 4,907	11,515 8,326 3,199 7,336 3,344 3,992	11,764 6,348 3,416 6,799 3,132 3,867	13,191 9,254 3,937 6,634 3,216 3,418	14,897 10,047 4,650 6,542 2,962 3,580	14,753 10,074 4,679 6,644 3,076 3,588	14,689 9,712 4,977 6,656 3,003 3,663	14,374 9,037 5,337 6,456 2,823 3,633	14,254 8,817 5,437 6,475 2,778 3,607	KKERRE

### No. 297. U.S. DISTRICT COURTS—CRIMINAL CASES COMMENCED AND DEFENDANTS DISPOSED OF, I NATURE OF OFFENSE: 1985 AND 1986

### [For years ending June 30]

	198	5				DISE	POSITION	OF DEFE	NDANTS,	1986		
		De-	Cases	Total de-	Not con	nvicted		Convicted	2	S	entenced	1
NATURE OF OFFENSE	Cases com- menced 1	fend- ants dis- posed of	com- menced, <sup>1</sup> 1986	fend- ants dis- posed of	Total	Ac- quit- ted	Total	Guilty plea 3	By court or jury	Im- prison- ment	Proba- tion	Fact
Total	38,546	47,360	40,427	50,040	9,300	1,418	40,740	35,448	5,292	20,621	15,230	4
Homicide	1,236	1,387	141 1,257	1,272	131	23	123	72 980	51 161	1,068	13 66 144 29	
Assault	552	555 165	602 113	584 145	173	43	101	328 92	83	228	144	
Burglary Larceny—theft Embezzlement and	3,571	4,108	3,590	4,228	833	129	3,395	3,098	297	1,366	1,680	
fraud		9,044	8,571 338	9,743 439	1,331	229	8,412	7,511 316	901 58	3,312 274	4,799 95	
Forgery, counterfeiting	2,118	2,372	2,371	2,671	385	26	2,286	2,097	189	1,059	1,189	ŀ.
Sex offenses	0.000		7,894 15,264	270 12,934 17,590	2,170 4,083		226 10,764 13,507	8,888 11,892	1,876 1,615	135 8,152 4,865	2,353 4,781	3

<sup>&</sup>lt;sup>1</sup> Excludes transfers. <sup>2</sup> Convicted and sentenced. <sup>3</sup> Includes noto contenders. <sup>4</sup> All marituans, narcotics and control substances prosecutions under the Drug Abuse, Prevention and Control Act.

Source of tables 295-297: Administrative Office of the U.S. Courts, Annual Report of the Director.

## No. 298. U.S. DISTRICT COURTS—DEFENDANTS CHARGED WITH VIOLATIONS OF DRUG ABUSE PREVENTION AND CONTROL ACT: 1980 TO 1986

[For years ending June 30]

ITEM		MARIHUANA					DRUGS				CONTROLLED SUBSTANCES (prescribed drugs)				
	1960	1983	1984	1985	1986	1980	1983	1984	1985	1986	1980	1983	1984	1985	1966
Defendants disposed of	1,690 569	3,806	3,179	3,984 854				4,548		7,321	1,363	1,666	1,464	1,598	
Dismissed 1	483	676	516	709	777	620	481	668	692	813	234	236	237	200	221
By guilty plea and nolo	10 A	ire.	100		Dist	200	E	100	100	6	1	1 7	1	100	1
Imprisonment, total 2	754	1,921	1,841	2,036	2,637		2,493	3,049	3,701	5,058	780	1,061	866		1,046
Avg. sentence (mo.)		1,416 55.1 505	54.4	1,512 53.2 524		60.8	70.8	71.8 723	2,885 69.6 816	73.1	582 46.5 198	792 62.2 243	636 67.6 230	810 69.3 239	81.2
Probation, total	37.9	973 27.9	616 42.0	938 31.2	902 33.4	568 39.9	583 40.8	661 44.3	960 39.7	1,148	303 37.2	337 38.0	307 43.4	287 40.5	303
Fine only	20	94 26	11	83 73	91	4	8 7	48	63	15 91	1	6	3	10	

<sup>&</sup>lt;sup>1</sup> Includes defendants committed under 26 USC 2902, Nercotic Addict Rehabilitation Act of 1986. 
<sup>2</sup> Split or mised sentences prison and probation in the same case as well as indeterminate and Youth Corrections Act sentences are included under total sentences and other sentences to prison. 
<sup>2</sup> Includes deportation, suspended sentences, imprisonment for four days or less for time already served, remitted and suspended fines and life sentences.

Source: Administrative Office of the U.S. Courts, Annual Report of the Director.

#### No. 299. FEDERAL PROSECUTIONS OF PUBLIC CORRUPTION: 1974 TO 1986

#### [As of Dec. 31. Prosecution of persons who have corrupted public office in violation of Federal Criminal Statutes]

PROSECUTION STATUS	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
tal: 1 Indicted	291	255	563	507	557	687	721	878	729	1.073	936	1,182	1,192
Convicted	217	179	380	440	409	555	552	730	671	972	934	997	1,02
Awaiting trial	5	27	199	210	205	187	213	231	186	222	269	256	246
deral officials: Indicted	59	53	111	129	133	128	123	198	158	2 460	408	563	596
Convicted	51	43	101	94	91	115	131	159	147	1 424	429	470	523
Awaiting trial	1	5	1	32	42	21	16	23	38	58	77	90	83
ate officials: Indicted	36	36	59	50	55	58	72	87	49	81	58	79	88
Convicted	23	18	35	38	56	32	51	66	43	65	52	66	71
Awaiting trial	-	5	30	33	56 20	32	51 28	66 36	18	26	21	66 20	24
cal officials: indicted	130	139	194	157	171	212	247	244	257	270	203	248	232
Convicted	87	94	100	164	127	156	168	211	232	226	196	221	207
Awaiting trial	4	15	98	62	72	67	82	102	58	61	74	49	55

Represents zero. Includes individuals who are neither public officials nor employees but who were involved with public libials or employees in violating the law, not shown separately. Increases in the number indicted and convicted between 82 and 1963 resulted from a greater focus on federal corruption nationwide and more consistent reporting of cases involving services.

Source: U.S. Department of Justice, Federal Prosecutions of Corrupt Public Officials, 1970-1980 and Report to Congress on the stylles and Operations of the Public Integrity Section, annual.

#### NO. 300. CHILDREN'S CASES DISPOSED OF BY JUVENILE COURTS: 1970 TO 1983

or definition of definquency cases, see text, section 5. Dependency and neglect cases are all cases referred to the court for some form of neglect or inadequate care on the part of parents or guardians. See also Historical Statistics, Colonial Times to 1970, series in 1119-1124)

ITEM	Unit	1970	1975	1979	1979	1980	1981	1962	1962
guistion 10-17 years old <sup>1</sup> Singuisncy cases, excluding traffic. Per 1,000 population 10-17 years old	1,000 Rate 1,000 1,000 Percent 1,000	1,052 32.3 800 252 24.0 70,810 133	1,317 38.8 1,002 315 23.9	1,359 42.1 1,055 304 22.4	1,374 43.4 1,068 316 23.0	1,445 48.4 1,121 324 22.4	30,725 1,350 44.0 1,024 326 24.1 64,405 185 2.9	1,292 43.2 990 303 23.4	29,345 1,276 43.5 980 295 23.1 63,812 196 3.1

<sup>&</sup>lt;sup>1</sup> U.S. Bureau of the Census estimates of civilian population as of July 1.
Source: National Center for Juvenile Justice, Pittsburgh, PA, Juvenile Court Statistics, annual. (Copyright.)

## No. 301. JUVENILES HELD IN CUSTODY—PUBLIC AND PRIVATE JUVENILE RESIDENTS AND FACILITIES: 1979 TO 1985

[Public and private facilities for juveniles include detention centers, shelters, reception and diagnostic centers, training schools, halfway houses, group homes, ranches, forestry camps, and farms]

2000000000	0.0	PUI	BLIC CUSTO	DY	PRIV	ATE CUSTO	YOU
CHARACTERISTIC	Unit	1979	1963	1985	1979	1983	1985
Number of residents 1 2	Number	45,396	50,799	51,402	28,717	31,473	34,112
Juvenile 1	Number	43,234	48,701	49,322	28,688	31,390	34,080
Average age 4	Years	15.3	15.4	15.4	14.9	14.9	14.9
Male	Number	37,167	42,182	42,549	20,512	22,242	23.844
Female	Number	6,067	6,519	6,773	8,176	9,148	10,236
White	Number	26,053	27,805	29,969	21,654	22,377	23,999
Black	Number	13,752	18,020	18,269	5,843	7,822	9,204
Number of admissions (all residents) 8 6	Number	568,802	530,200	527,759	69,507	88,806	101,007
Number of departures (all residents) 5 6	Number	560,751	522,599	520,903	64,574	84,399	96,006
Average daily residents *	Number	47,803	50,208	49,480	28,566	31,685	33,121
Facilities, total 2 7	Number	1,015	1,023	1,040	1,561	1,877	1,996
Occupancy less than 70 percent	Percent	34	30	35	22	22	20
70-100 percent	Percent	56	56	55	76	76	79
More than 100 percent	Percent	10	14	10	2	2	1
Personnel, total 2 #	Number	61,108	58,654	(NA)	32,921	37,411	(NA)
Expenditures 5 9	Mil. dol	842.5	1,148.3	1,247.9	465.2	719.0	805.5
Capital	Mil. dol	53.3	43.3	(NA)	25.9	45.5	
Operating.	Mil. dol	789.2	1,105.0	1,247.9	439.3	673.5	(NA) 805.5
Per capita operating cost 10	\$1,000	16.5	22.0	25.2	15.4	21.3	24.3

NA Not available. 

<sup>1</sup> Includes adults. 

<sup>2</sup> Data for December 31, 1979, February 1, 1983, and February 1, 1985.

<sup>3</sup> Includes races not reported and races not shown. 

<sup>4</sup> Based on juvenile residents only. 

<sup>5</sup> Data are for calendar years 1979, 1982, and 1994. 

<sup>6</sup> Juvenile and adult. 

<sup>7</sup> Cocupancy is calculated on the average daily resident population. 

<sup>8</sup> 1979 includes community volunteers; 1983 generally includes volunteers; excludes 4,800 in California, and large but unspecified numbers in Ohio and South Carolina. 

<sup>8</sup> Current dollars, unadjusted for inflation. 

<sup>10</sup> Based on average daily residents.

Source: 1979, U.S. Law Enforcement Assistance Administration, unpublished data; 1983, U.S. Office of Juvenile Justice and Definquency Prevention, Children in Custody: Advance Report on the 1982 Census of Public Juvenile Facilities; and Children in Custody: Public Juvenile Facilities; and Children in Custody: Public Juvenile Facilities;

#### No. 302. Jails-Summary: 1983

[As of February, Excludes Federal and State prisons or other correctional institutions; institutions exclusively for juveniles; State-operated jate in Connecticut, Delaware, Hawali, Rhode Island, and Vermont; and other facilities which retain persons for less than 48 hours. For composition of regions, see fig. I, inside front cover)

CHARACTERISTIC	United States	North-	Midwest	South	West
Jetts	<b>2,338</b> 2,111 1,013 214 553	223 68 114 41 81	972 745 193 34 109	1,867 960 542 85 297	896 318 104 64 66
Number of inmates, total	223,551	36,634	39,536	89,479	57,900

Source: U.S. Bureau of Justice Statistics, The 1983 Jall Census, November 1984.

#### No. 303, Jail Inmates, By Race and Detention Status: 1978 to 1984

[See headnote, table 302. As of June 30, For the years 1982 and 1994 data based on sample survey and subject to sampling variability; 1978 and 1983, based on the National Jail Consus]

CHARACTERISTIC	1979	1963	1980	1994
Total Innetes Percent of rated capacity Percent of operational capacity	158,394 65 64	200,682 84 95	223,552 86 81	234,300 (M)
MaioFemale	146,839 9,555	195,730 13,852	207,783 15,769	227,466 7,066
White Black Other races	89,418 65,104 3,872	<b>333</b>	130,116 87,508 5,928	130,366 30,366 2,346
Hispanic I	16,34 <b>9</b> 142,045	(NA) (NA)	31,297 192,254	30,486 204,016
Adult Awaiting ensignment or trial. Convicted Juvenile Awaiting hearing or adjudication	77,453 75,438 1,611 (NA)	207,853 118,189 99,654 1,729 1,274 455	221,815 113,994 107,660 1,736 (NA)	* 233,016 116,331 113,461 1,461 (m)

NA Not available. <sup>1</sup> Hispanic persons may be of any race. <sup>2</sup> Includes inmates not classified by conviction states Source: U.S. Bureau of Justice Statistics, *Profile of Jell Immates*, 1978, and Jell Immates, annual.

#### No. 304, Jail Inmates-Selected Characteristics: 1983

[See headnote, table 302]

CHARACTERISTIC	Total 1	White	Black	CHARACTERISTIC	Total 1	White	Black
ptel inmetes	223,552	120,118	87,508	Type of offense: Violent	67,439	34.897	31,055
nt of rated capacity		(NA)	(NA)	Property	84,730	47,616	35,011
***************************************	207,783	121,773	60,671	Drug	20,479	12,030	7,865
•	15,789	8.345	6.836	Public order	45,251	32,401	11,513
n age (years)	26.8	26.7	26.9	Legal representation:			
pt grade attended:				With counsel	178,071	103,609	89,544
s then 12th grade	132,118	74,311	54,135	_ Without counsel	45,481	26,509	17,984
I grade or higher		55,607	33,373	Detention status:		1	
set employment status:	01,404	30,007	00,010	Unconvicted inmates	86,120	47,584	38,654
	119,103	70.000	43,908	Convicted inmates	132,620	61,101	47,608
sloyed		72,309		Method of conviction:			
employed		57,749	43,800	Pleaded guilty	106,988	68,163	35,630
rearrest income *		99,467	66,221	Judged guilty	25,654	12,938	11,979
lian income (dollars)	5,486	6,312	4,067		i	1	

Not available. Includes races other than White and Black. Pertains to inmates who were free at least one year planest.

## No. 305, FEDERAL AND STATE PRISONERS: 1950 TO 1986

to 1970, excludes State institutions in Alaska and for 1950, those in Hawaii. Beginning 1980, includes all persons under diction of Federal and State authorities rather than those in the custody of such authorities. Represents immates sentenced resimum term of more than a year. See also Historical Statesics, Colonial Times to 1970, series H 1135-1140]

		PRI	ESENT AT E	ND OF YE	AR			RE	CEIVED FRO	M COURT	rs	
R	All instit	utions	Fede	eral	Sta	te	All instit	utions	Fede	ral	Sta	le
	Number	Rate <sup>1</sup>	Number	Rate !	Number	Rate 1	Number	Rate 1	Number	Rate 1	Number	Rate
	166,123	110.3	17,134	11.4	148,989	98.9	69,473	46.1	14,237	9.5	55,236	36.7
-	212,953	118.6	23,218	12.9	189,735	105.7	88,575	49.3	13,723	7.6	74,852	41.7
-	210,895	109.5	21,040	10.9	189,855	98.6	87,505	45.4	12,781	6.6	74,724	38.8
namento.	196,429	96.7	20,038	9.8	176,391	86.8	79,351	39.1	12,047	5.9	67,304	33,1
	240,593	113.3	24,131	11.4	216,462	102.0	129,573	61.0	16,770	7.9	112,803	53.1
	315,974	139.2	20,611	9.1	295,363	130.1	142,122	62.7	10,907	4.8	131,215	57.9
	395,516	170.6	23,652	10.2	371,864	160.4	177,109	76.1	12,461	5.4	164,648	70.7
	419,721	178.5	26,331	11.2	393,390	168.1	187,408	80.1	14,119	6.0	173,289	74.1
	445,399	188.0	27,602	12.0	417,797	176.0	180,418	76.0	13,491	5.7	166,927	70.3
-	481,393	200.6	32,695	13.6	448,698	187.0	198,499	82.7	15,368	6.4	183,131	76.3
onnerver.	523,922	216.0	36,531	15.0	487,391	201.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA

Not available. <sup>1</sup> Rate per 100,000 estimated population.

rce: U.S. Bureau of Justice Statistics, Jell Inmetes, 1963.

roe: U.S. Bureau of Justice Statistics, Prisoners in State and Federal Institutions on December 31, annual.

#### No. 306. FEDERAL AND STATE PRISONERS, BY SEX AND RACE: 1978 TO 1985

es in this table will not add to the totals shown in tables 305 and 309 since these are based on preliminary statistics on race and are not subsequently revised]

ITEM	TOTAL			MALE				Un-		
	White	Black	Other	White	Black	Other	White	Black	Other	known
	157,208	143,376	3,283	151.534	136,893	3,090	5,674	6,483	193	2,735
·····	161,642	145,383	3,677	155,803	138,776	3,468	5,839	6,607	209	3,304
	169,274	150,249 168,129	3,853 4,477	163,083 183,202	143,700 160,442	3,677 4,240	6,191 7,301	6,549 7,687	176 237	5,319 5, <b>66</b> 3
	214,741	189,610	5,262	206,167	180,844	4,990	8,574	8,766	272	4,749
	225,902 239,428	200,216	5,863 6,654	216,522 229,323	191,020 199,692	5,336 6,250	9,380	9,196 9,961	327 404	5,457 6,687
	260,847	227,137	6,694	249,418	216,344	6,280	11,429	10,793	414	7,698

ros: U.S. Bureau of Justice Statistics, 1978-1981, Prisoners 1925-81; 1982-1984, Prisoners in State and Federal Institutions common 31, annual; 1985, Corrections Statistics 1985.

### No. 307. STATE CORRECTIONAL FACILITIES—SUMMARY: 1984

ITEM	Number of	INNA	TES	Total staff	Operating expend-		
	facilities	Males	Females	(full-time)	itures (\$1,000)		
Al facilities tement facilities dawn facilities temen temple temp	894 144 293 257	378,436 366,132 133,601 182,665 49,666 12,304	16,873 15,823 2,663 10,478 2,682 1,050	144,865 140,959 62,649 63,049 15,261 3,896	4,188,486 4,082,753 1,805,224 1,868,151 409,378 105,733		

sos: U.S. Bureau of Justice Statistics, Census of State Adult Correctional Facilities, 1984.

### No. 303. ADULTS UNDER CORRECTIONAL SUPERVISION, 1979 TO 1985, AND BY STATE, 1985

(In thousands, except rate. As of Dec, 31, except as noted. Excludes juveniles, persons incarcerated in mental health institut in lieu of prison, persons held by the armed services, persons held on Indian reservations, parolees under county jurisdic parolees whose sentences were for 1 year or less, and court probationers (those not placed under the supervisory authority probation agency). For composition of regions, see fig. 1, inside front cover)

YEAR, REGION, DIVISION, AND STATE	PERSONS UNDER CORRECTIONAL SUPERVISION						RATE PER 10,000 ADULT RESIDE					
	Total	Jail <sup>1</sup>	Pris- on <sup>3</sup>	Pa- role *	Proba- tion 4	Total	Jail <sup>1</sup>	Pris- on <sup>2</sup>	Pa- role *	P		
1979	1,785.7	179.0	301.5	218.7	1.086.5	113	11	19	- 44			
1980	1,845.5	191.0	316.0	220.4	1,118.1	115	12	20	14	1		
1981	2.006.4	203.0	353.7	223.8	1,225.9	123	12	21	14			
982	2,185.7	207.9	395.9	224.6	1,357.3	131	12	24	13			
1983	2,491.9	221.8	438.8	248.8	1,582.9	145	13	26	14	ш		
1984	2,705.5	233.0	464.6	267.0	1,740.9	156	13	27	15			
1985, U.S. total <sup>5</sup>	2,905.7	255.0	503.3	277.4	1,870.1	165	15	29	16			
Regions:	2,500.7	200.0	500.5	211.4	1,010.1	100			- 10			
Northeast	465.5	36.3	75.7	57.1	296.4	123	10	20	15	1		
Midwest	553.2	39.2	95.7	42.3	376.0	128	9	22	10	1		
South	1,196.3	88.6	202.9	109.4	795.4	200	15	34	18	1		
West	545.2	57.7	88.7	51.7	347.1	156	17	25	15	1		
lew England	107.8	4.3	15.4	6.3	81.8	112	4	16	7	ш		
Maine	6.3	.5	1.2	.1	4.5	73	6 7	14	1	ш		
New Hampshire	4.8	.5	.7	.5	3.1	64	7	9	7	1		
Vermont	6.2	- 2	.7	.2	5.3	109		18	13	1		
Massachusetts	37.8	3.3	5.4	4.5	24.6	85	7	12	10	1		
Rhode Island	9.2	-	1.3	.4	7.5	124	-	17	5	1		
Connecticut	43.5		6.1	.6	36.8	180	-	25	2			
Aiddle Atlantic	357.8	32.1	60.2	50.9	214.6	127	11	21	18	1		
New York	176.7	15.9	34.7	25.3	100.8	132	12	26	19	ı		
New Jersey	79.2	6.0	11.3	13.4	48.5	139	11	20	24	1		
New York	101.9	10.2	14.2	12.2	65.3	114	11	16	14			
ast North Central	408.1	30.0	72.6	31.2	274.2	134	10	24	10	1		
Ohio	96.0	7.1	20.9	6.5	61.5	122	9	27	8	1		
Indiana	55.3	3.5	9.9	2.8	39.1	138	9	25	7	1		
Illinois	113.0	8.8	18.6	11.4	74.2	134	10	22	14			
Michigan	107.2	7.6	17.8	6.6	75.2	162	12	27	10	1		
Wisconsin Vest North Central	36.6	3.0	5.4	3.9	24.3	105	9	15	11	1		
Vest North Central	145.0	9.1	23.1	11.2	101.8	113	9 7	18	9	1		
Minnesota	38.6	1.9	2.3	1.4	33.0	126	6	8	5	1		
lowa	17.7	.8	2.8	2.0	12.1	84	4	13	9	1		
Missouri	44.9	3.8	9.9	4.5	26.8	121	10	27	12	1		
North Dakota	2.4	.2	.4	.2	1.6	49	4	8	4	1		
South Dakota	3.9	.3	1.0	.4	2.2	78	6	20	8	1		
Nebraska	13.7	.8	1.8	.4	10.7	118	6 7	16	3	1		
Kansas		1.3	4.7	2.3	15.5	133	7	26	13	1		
South Atlantic	595.4	44.7	108.2	35.9	406.6	197	15	36	12	1		
Delaware	10.6		2.6	.9	7.1	228		56	19	1		
Maryland	92.0	4.6	13.0	7.3	67.1	279	14	39	22	ı		
District of Columbia	23.3	2.8	6.4	2.3	11.8	472	57	130	47	1		
Virginia	40.5	5.6	12.1	5.6	17.2	95	13	28	13	1		
West Virginia	7.2	1.0	1.7	.6	3.9	51	7	12	4	1		
North Carolina	80.2	3.5	17.3	3.2	56.2	172	8	37	7	1		
South Carolina		2.7	10.5	3.3	18.0	142	11	43	14	ı		
Georgia	129.2	10.2	16.0	8.5	94.5	299	24	37	20	1		
Florida	177.9	14.3	28.6	4.2	130.8	201	16	32	5	1		
Florida East South Central Kentucky	126.4	16.7	30.3	16.8	62.7	115	15	28	15			
Kentucky	27.9	3.7	5.8	3.5	14.9	103	14	21	13	1		
Tennessee	45.2	6.0	7.1	7.5	24.6	128	17	20	21	1		
Alabama	34.4	4.5	11.0	2.4	16.5	118	15	38	8	1		
Mississippi	18.9	2.5	6.4	3.4	6.6	104	14	35	19	1		
Mississippi	474.4	27.4	64.3	56.6	326.1	253	15	34	30			
Arkansas	19.2	1.5	4.6	3.8	9.3	112	9	27	30			
Louisiana	52.7	8.5	13.9	3.7	26.6	169	27	44	12	1		
Oklahoma	32.4	2.2	8.3		20.3	136	9	35	12	1		
Texas	370.1	15.2	37.5	1.6 47.5	269.9	320	13	32	41	ı		
Mountain	101.1	10.0		6.6	59.5	108	11	24		1		
Montana	4.9	10.0	22.8		2.7	83	7	19		1		
	5.8	.4		.7			é		12	1		
ldaho		.6	1.3	.5	3.4	85 89	9	19	9	1		
WyomingColorado	3.1 25.7	2.7	3.4	2.0	1.7	109	11	23	8	1		
New Mexico										1		
Arizona	8.9	1.3	2.3	1.1	4.2	88	13	23	117	1		
	31.3	2.9	8.5	1.7	18.2	135	13	37	1 .7	1		
Utah	10.0	.9	1.6	1.2	6.3	97	9	16	12	1		
Nevada	11.4	9	3.8	1.3	5.4	159	13	53	18	1		
Pacific	444.0	47.6	65.9	42.9	287.7	174	19	26	17	1		
Washington	60.7	3.6	6.9	6.0	44.2	188	11	21	19	1		
Oregon	31.2	2.3	4.5	2.0	22.4	158	12	23	10	1		
California	336.2	41.7	50.1	34.0	210.4	172	21	26	17	1		
									6			
Alaska	5.1 10.8	(z)	2.3	.2	2.6 8.0	145	_	66	9	1		

<sup>-</sup> Represents zero. Z Fewer than 50. ¹ Source of 1979 and 1983 jail totals: Jail censuses. Source of totals for years: Jail sample surveys, June 30 of each year. Source of State and regional jail populations: The 1983 Jail Census. Incliboth convicted and unconvicted adults held in locally operated jails. Connecticut, Delaware, Hawaii, Rhode Island, and Ver had integrated jail/prison systems; the total incarcerated population for those States appears as the prison. ¹ Includes all inmates of Federal and State institutions. ¹ Includes all adults under State parole supervision, whether from prison via parole board decision or mandatory release, who were sentenced to more than 1 year in prison. ⁴ It adults who, as part of a State, or local court order, have been placed under the supervisory authority of a probatio ¹ Includes both State and Federal.

Source: Except as noted, U.S. Bureau of Justice Statistics, Probation and Parole, annual; The 1983 Jall Consus; and Patietti State and Faderal Institutions on December 31, annual.

### 309. PRISONERS UNDER JURISDICTION OF STATE AND FEDERAL CORRECTIONAL AUTHORITIES— SUMMARY, BY STATE: 1980 TO 1986

[For years ending Dec. 31, except as noted]

			1.11	19	86	SE	NTENCED T	O MORE TH	AN ONE YE	AR
	U + I	10.2			Prison-				19	86
, REGION, N AND STATE	1980, total	1984, total	1985, total	Total prison- ers	ers as percent of capac- ity <sup>1</sup>	1980	1984	1985	Total	Rate per 100,000 popula tion <sup>3</sup>
	329,821 316,401	464,567 443,717	<b>503,271</b> 480,147	546,659 520,049	115.9	315,974 303,643	446,108 426,713	481,393 459,934	523,922	21 42
ioal	13,420	20,850	23,124	26,610	(NA) (NA)	12,331	19,395	21,459	499,140 24,782	2
itutions 3 institutions	24,363 305,458	34,263 430,304	40,223 463,048	44,408 502,251	143.2 113.9	20,611 295,363	27,602 418,506	32,695 448,698	36,531 487,391	1 20
east	45,796	70,538	75,706	82,388	116.1	43,165	67,838	72,656	79,071	15
PS1	66,211 146,358	85,890 193,971	95,704 202,926	103,101	120,6 106.2	64,494 142,650	85,460 188,634 76,574	95,245 195,868	102,689	17
	47,093	79,905	88,712	215,713 101,049	125.2	45,054	78,574	84,929	208,374 97,257	19
	9,926	1,025	15,432	16,718	142.9	7,850	11,322	12,490	13,437	10
	814 326	561	683	* 1,316 782	123.9 129.3	671 326	561	967 683	* 1,165 782	7
	480	7 515	677	676	118.4	342	392	443	476	8
Immirror ordeno;	3,185	4,890	5,390 1,307	8 5,678	173.9	3,150	° 4,890	95,390 964	* * 5,678	9
	813 4,308	1,221 5,718	6,149	1,361 6,905	96.8 148.2	611 2,750	891 3,748	4,043	1,010 4,326	10
d	35,870	56,608	60,274	65,670 38,449	110.9	35,315	56,516	60,166 34,712	65,634 38,449	17
	21,815 5,884	33,155 10,363	34,712 11,335	38,449 12,020	102.2	21,639	33,155	34,712	38,449	21
	8,171	13,090	14,227	15,201	137.6	5,564 8,112	10,363 12,998	11,335 14,119	12,020 15,165	12
Cent	51,175	64,836 18,694	72,599 20,864	78,533 22,463	128.4	49,598	64.571	72,280	78,302	18
	13,489	18,694	20,864	22,463	169.1 116.8	13,489	9 18,694	6 20,864	9 22,463	20
	6,683 11,899	9,328 17,187	9,904 18,634	10,175	110.1	6,281	9,063 17,187	9,615 18,634	9,963 * 19,456	18
	15,124	14,604	17,755	* 19,456 20,742	123,6	15,124	14,604	17,755	20,742	22
Action Commence	3,980	5,023	5,442	* 5,697	124.1	3,980	5,023	5,412	5 5,678	11
Cent	15,036 2,001	21,054	23,105	24,568 2,462	105.1 96.1	14,896 2,001	20,889	22,965	24,387 2,462	13
***************************************	2,481	2,836	2,832	2,777	99.0	2,479	2,836	2,832	2,777	9
Sammen and a same	5,726	8,808	9,915	10,485	90.5	5,726	8,808	9,915	10,485	20
	253 635	434 917	1,047	1,045	89.4 91.9	185 609	374 900	375	1,014	14
	1,446	1,654	1,814	1,953	127.1	1,402	1,566	1,035	1,863	11
	2,494	4,238	4,732	5,425 116,341	131.6	2,494 75,391	4,238 96,710	4,732	5,425 109,390	22
	78,815	101,643	108,228	116,341	110.2	75,391	96,710	101,620	109,390	26
	1,474 7,731	2,200 13,124	2,553 13,005	2,828 13,326	114.0	1,087 7,731	1,615	1,759	2,026 12,559	32 28
110	3,145	4,834	6,404	6,746	101.2	2,719	4,031	4,604	4,786	75
	8,920	10,667	12,073	* 12,930	117.3	8,581	10,493	11,717	a 12.545	21
	1,257 15,513	1,599 16,371	1,725	17,762	107.2	1,257 14,456	1,599	1,725 16,007	1,482	7 25
	7,862	10,011	10,510	5 11,676	129.7	7,427	9,434	9,908	5 11,022	32
	12,178 20,735	15,731	16,014	17,363 32,228	106.4	11,922	14.944	15,115	16.291	26
	20,735	27,106	28,600	32,228	107.9	20,211	26,933	28,482 29.885	32,219	27
Cent	21,055 3,588	29,401 5,502	30,335 5,801	31,961 6,322	100.7	20,771 3,588	29,024 5,502	5,801	31,573 6,322	16
10	7,022	7,302	7,127	7,182	92.1	7.022	7,302 10,246	7,127 10,749	7,182 * 11,504 * 6,565	14
	6,543	10,482	11.015	5 11.710	107.9	6,368	10,246	10,749	11,504	28
Cent	3,902 46,488	6,115 62,927	6,392 64,363	67,411	100.0	3,793 46,488	5,974	6,208 64,363	67,411	24
	2,911	4,454	4,611	4,701	101.8	2,911	4,427	9 4,611	* 4,701	19
	8,889	13,919	13,890	5 14,580	100.5	8,889	13,919	13,890	6 14,580	32
	4,796 29,892	7,872 36,682	8,330 37,532	9,596 38,534	128.9 97.9	4,796 29,892	7,872 36,682	9 8,330 37,532	9,596 38,534	28 22
	13,141	21,278	22,798	25,585	101.9	13,024	20,821	22,329	25,005	19
	739	1,005	1,129	1,111	106.1	738	1,005	1,129	1,111	13
	817	1,282	1,294	° 1,451	112.5	817	1,282	1,294	* 1,451 865	14
impays days to the constraints	534 2,629	* 724 3,364	758 3,369	865 3,673	91.1 97.7	534 2,609	3,347	* 3,369	* 3,673	11
DESCRIPTION OF THE PARTY OF THE	1,279	2,129	2,313	2,701	109.3	1,199	1,908	2,112 8,273	2,545	17
	4,372	7,845	8,531	9,434	95.2	4,360	7,638	8,273	9,038	26
	932	1,419	1,633	4,505	106.5 115.2	928	1,407	1,623	4,505	10
	1,839	3,510 58,627	3,771 65,914	75,464	137.5	1,839	3,510 55,753	3,771 62,600	72,252	20
	4,399	6,821	6.909	* 6,603	115.6	4,399	6,821	6,909	<sup>a</sup> 6,603	14
	3,177	4,563	4,454	4,737	142.6	3,172	4,563	4,454	4,737	17
-	24,569 822	1,995	50,111	* 59,484 2,460	141.9	23,264 571	41,780 1,290 1,299	48,279 1,530	5 57,725 1,666	30

Not available. 

States can report three estimates of prison capacity: rated, operational, and design. Some States report stimates or the same number for all estimates. Excludes persons housed in local jails. 

"Unpublished Bureau of the estimates as of July 1, 1986 for the resident population were used to calculate rates. 

"Includes persons held under rates. 

"Includes persons held under the same number of prisoners with sentences of 2 years or more instead of an 1 year. ME, MD, and NC. 

"Includes prisoners held in jails because of crowding: ME, MA, IL, WI, VA, SC, KY, AL, ID, UT, CA, and WA. 

"Includes both jail and prison inmates (State has combined jail and prison system), rend Dec. 21. 

"Excludes State prisoners held in local jails because of overcrowding. 

"Includes an undetermined of prisoners with sentences shorter than 1 year. 

"Numbers are custodial, not jurisdictional counts. 

"Yearend an 3, 1986. 

"Scapacity figures for males only.

No. 310. Average Time Served by Prisoners Released From Federal Institutions for First Time, 1970 to 1986, and by Offense, 1986

[For fleoal years ending in year shown; see text, section 9. In computing everages, sentences to tile and more than 45 years were counted as 45 years; minority sentences of juvenile delinquents were counted from date of sentence to 21st birthday]

		LL FIRST		'	PAROLE			HRATION NTENCE		YCA S RELEASES	
YEAR AND OFFENSE	Num-	Avera (m	ge time onth)	Num-	Avera (m	ge time onth)	Num-	Avera (m	ge time onth)	Num-	Avg.
	ber	Sen- tence	Served	ber	Sen- tence	Served	ber	Sen- tence	Served	ber	served (month)
1970, all offenses	8,467	36.6	19.7	2,754	55.0	20.0	5,733	30.7	19.6	847	21.7
1975, all offenses	11.313	39.8	16.5	4,367	73.7	27.8	8,946	18.5	12.8	1,136	21.6
1978, all offenses	10,463	32.3	15.1	3,114	74.3	26.9	7,349	14.4	10.1	968	19.7
1977, all offenses	10,963	30.7	15.5	2,088	70.8	26.5	6,265	17.7	12.0	1,038	21.9
1978, all offenses		37.2	16.7	3,318	78.5	30.0	8,814	21.6	14.4	1,172	24.7
1979, all offenses	10,925	44.1	21.0	3,768	85.1	32.6	7,159	22.4	14.9	1,008	25.3
1990, all offenses	9.069	33.9	15.9	2.440	83.8	31.0	6.629	15.5	10.3	466	24.5
1961, all offenses		41.0	17.9	3,495	83.9	30.2	6.389	17.6	11.1	650	25.0
1982, all offenses		36.6	16.3	3.554	81.7	29.1	7,794	16.0	10.5	593	21.8
1963, all offenses	11.695	35.4	15.9	4.263	89.8	27.0	7.883	16.3	9.7	545	20.0
1994, all offeness	15,050	36.5	15.6	4.635	76.2	26.4	10,415	17.4	10.8	552	20.1
1985, all offenses	14,937	35.5	15.9	4,511	76.6	28.6	10,426	17.7	11.3	453	21.5
1965, all offeness 4	16,906	34.0	16.8	4,067	76.6	26.7	12,338	18.0	11.4	236	24.0
Counterfeiting	270	33.6	15.9	94	55.5	19.5	176	21.9	14.0	•	25.0
Drug laws	4,793	43.2	19.5	1,961	68.7	24.4	2,832	25.6	18.1	89	20.6
Embezziement	333	23.8	11.4	91	51.1	19.1	242	13.6	6.4	5	15.2
Escape, flight, or harboring		1	1		l	ļ		1	I		
a fugitive	111	30.5	18.9	21	47.1	22.3	90	28.7	16.1	5	15.0
Firearms	654	32.7	17.7	124	65.3	25.2	530	25.0	16.0	12	23.9
Forgery	470	29.0	14.8	171	49.1	19.9	290	17.6	11.9	11	19.3
Fraud	1,247	27.6	13.6	366	54.7	20.1	861	16.6	10.8	5	26.4
Immigration	4,015	5.8	3.7	206	39.1	14.6	3,809	4.0	3.1	4	20.2
income tex	350	16.3	10.3	65	36.5	14.4	274	126	9.0	-	
Kidnepping	29	251.8	85.7	19	327.0	109.5	10	108.3	40.5	5	37.8
Larceny-theft	1,330	36.9	18.3	467	59.8	23.1	863	24.5	15.8	32	17.7
Motor vehicle, interstate	225	45.4	22.1	102	56.0	21.7	123	36.7	22.4	6	19.0
Robbery	866	128.5	46.5	516	165.6	50.5	348	73.3	40.5	84	25.4
Securities, transporting tales]	31	55.9	40.6	8	126.0	43.3	23	31.5	15.5	-	Ι .
White slave traffic	5	48.0	26.0	2	42.0	15.0	3	52.0	33.3	1 1	8.0
Military court-martial cases	11	150.7	86.0	ě	165.0	84.3	5	109.6	66.2	-	
Govt. reservation, high seas, territories, and DC	1.070	31.0	14.5	172	105.5	34.6	898	18.7	10.7	36	20.2

<sup>-</sup> Represents zero. ¹ Excludes prisoners sentenced under Youth Corrections Act. ¹ Includes mandatory release. ¹ Youth Corrections Act. ¹ Includes other offenses not shown separately. Excludes 437 first releases (eccapes, pardons, etc. other than by perole, expiration of sentence, and mandatory release; also excludes 688 second or subsequent releases Source: U.S. Bureau of Prisons, Statistical Report, annual.

### No. 311. PRISONERS UNDER SENTENCE OF DEATH: 1980 TO 1986

[As of December 31. Excludes prisoners under sentence of death who remained within local correctional systems pending exhaustion of appellate process or who had not been committed to prison. These data may not match data in table 312 because of revisions to totals, but not to characteristics other than race]

CHARACTERISTIC	1960	1963	1984	1985	1986	CHARACTERISTIC	1980	1983	1984	1985	1986
Total	714	1,202	1,405	1,575	1,781	Marital status:					_
WhiteBlack and other	427 287	690 512	804 601	896 679	1,006 775	Married Divorced <sup>a</sup>	268 229 217	484 368 350	570 443 392	655 487 449	772 525 484
Under 20 years 20-24 years 25-34 years 35-54 years 55 years and over	173 334	12 217 597 359 17	215 702 453 24	13 212 804 531 31	19 217 872 639 34	Time elapsed since sentencing: Less than 12 months 12-47 months 48-71 months 72 months and over	389	251 622 186 143	279 694 228 204	273 739 303 276	293 757 376 355
Years of school completed: 7 years or less	74 204 162	99 123 358 319 88 215	121 137 401 385 110 251	147 159 483 440 127 235	164 174 577 515 143 208	Legal status at arrest: Not under sentence Parole or probation Prison or escaped Unknown	384 115 45 170	605 225 58 314	739 279 66 321	861 *350 81 299	992 * 409 82 296

Revisions to the total number of prisoners were not carried to the characteristics except for race.
 \*Includes persons on mendatory conditional release, work release, leave, AWOL, or ball.

Source: U.S. Bureau of Justice Statistics, Capital Punishment, annual.

#### No. 312. MOVEMENT OF PRISONERS UNDER SENTENCE OF DEATH: 1970 TO 1986

reported under sentence of death by civil authorities. The term "under sentence of death" begins when the court cest the first sentence of death for a capital offense. As a result of a major procedural change, beginning 1977, all data secultions are not strictly comparable to corresponding data for earlier years. See source for explanation]

STATUS	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Intence of death, Jan. 1	575	244	420	423	483	595	697	865	1,072	1,216	1,420	1,575
	133	322	159	210	173	203	250	287	263	296	281	297
	66	145	82	123	104	125	131	166	156	173	165	164
	66	174	75	85	67	77	115	117	105	119	114	123
ons other than executions	77	78	155	150	59 2	101	82 1	76 2	117 5	69 21	108 18	73 18
intence of death, Dec. 31 t	631	488	423	483	595	697	864	1,073	1,214	1,420	1,575	1,781
	293	218	229	281	354	425	499	615	694	809	896	1,006
	335	262	192	198	238	268	357	446	508	595	664	750

1 Includes races other than White or Black.

i: Through 1978, U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, Capital and annual.

### No. 313. PRISONERS EXECUTED UNDER CIVIL AUTHORITY: 1930 TO 1986

a executions by military authorities. The Army (including the Air Force) carried out 160 (148 between 1942 and 1950, 3 n 1954, 1955, and 1957, and 1 each in 1958, 1959, and 1961). Of the total, 106 were executed for murder (including 21 ng rape), 53 for rape, and 1 for desertion. The Nevy carried out no executions during the period. See also Historical lost, Colonial Times to 1970, series H 1155-1167)

	T			EXECUT	ED FOR M	IURDER	EXECU	TED FOR	RAPE	OTHE	R OFFENS	E8 <sup>1</sup>
OR PERIOD	Total <sup>1</sup>	White	Black	Total 1	White	Black	Total 1	White	Black	Total 1	White	Black
<b></b>	3,909	1,784	2,083	3,384	1,897	1,847	465	48	405	70	30	31
<b>39</b>	1,264	827 490	616 781 376	1,514 1,084 601	803 458 316	687 595 290	125 200 102	10 19 13	115 179 69	26 20 14	14 13	14
54 57	181	338 90 8	91	145	79	68 2	28	6	22	8	5	
6		3	=	3	3	=	- 1	] :	:	-	=	
<del></del>		1	1	1 2	1	1	- 1	=	:	-	:	
•	24	13	8	21 18	13	8	-	=	=	=	=	
••••	18	ii	7	18	ii	7	-	-	-	-	-	

presents zero. Includes races other than White or Black. 225 armed robbery, 20 kidnapping, 11 burglary, 8 je (6 in 1942 and 2 in 1963), and 6 aggravated assault.

### ). 314. PRISONERS UNDER SENTENCE OF DEATH AND EXECUTED UNDER CIVIL AUTHORITY-STATES: 1940 TO 1986

cultions took place in Maine, Michigan, Minnesota, New Hampshire, North Dakota, Rhode Island, and Wisconein from 1940 56. Maine, Minnesota, and Wisconein never authorized the death penelty during the period. New Hampshire and Rhode authorized it for most of the 4 decades but did not apply it. Michigan abolished the penelty in 1953, and North Dakota of the punishment statute to lapse in 1975. Alastia and Hawaii could enter those data after receiving statehood in 1959, illher has authorized the death penelty]

1940 to 1949	to	1960 to 1969	1970 to 1979	1980 to 1986 <sup>2</sup>	STATE	1940 to 1949	1950 to 1959	to	1970 to 1979	1980 to 1986 *	STATE	1940 to 1949	to	1960 10 1969	1970 10 1979	1980 10 1986
1,284	717	191	3	65	IA	7	1	2		-	ОН	51	32	7	- 2	
-					KS		5	5	-	-	OK		7	6	-	
50	20	5	-	2	KY	34	16	1		~	OR		4	1	-	
. 9	8	4	-	-	LA		27	1	-	7	PA		31	3	-	11 3
38		9	-		MD	45	6	1	-		SC	61	26	8	-	1 3
80	74	30	-	-	MA	9	1 -	-	-	-	SD	- 1	-	-	-	
13	3	6	-	-	MS		36	10	-	1	TN	37	8	1	-	
10	5	1	-	1 6	MO		7	4	-	-	TX	74	74	29	-	2
4	-	-	-	-	MT	1	-	-	-	-	UT	4	6	1	1	1
16	4	1 12	-	-	NE	2	2	-	-	-	VT	1	2	-	-	1 1
65		12	1	15	NV	10	9	2	1	1	VA	35	23	6	12	1 3
130		14		7	NJ	14	17	3	1 2	-	WA		6	2	-	
100	3	1	-	2	NM	2	3	1	4	-	WV	11	9	-		
18	9	2	-	-	NY	994	52	10	-	-	WY		-	1	-	
7	2	1	-	2	NC	4 4 6	19	1		3	1.0			1		

presents zero. <sup>1</sup> One execution in 1977, none in 1978, and two in 1979. <sup>2</sup> No executions in 1990, one in 1981, two five in 1983, 21 in 1984, and 18 in 1985 and 1988. <sup>3</sup> Includes 23 Federal executions not shown by State (1940–1949, 0–1959, 9; and 1980–1989, 1).

s: Through 1978, U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, Capital sent, annual.

a: Through 1978, U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, Capital strit, annual.

### No. 315. FIRE LOSSES-TOTAL AND PER CAPITA: 1946 TO 1986

[Prior to 1962, excludes Alaska and Haweii. Includes allowence for uninsured and unreported losses but excludes losses to government property and forests. Based on paid losses through 1963, incurred losses thereafter]

YEARLY AVERAGE	Total (mil. dol.)	YEAR	Total (mil. dol.)	Per capita 1	YEAR	Total (mil. dol.)	Per capita 1	YEAR	Total (mil. dol.)	Per capita 1
1946-1950 1951-1955 1966-1980 1961-1955 1966-1970 1971-1975 1976-1990 1981-1985	833 1,045 1,341 1,863 2,728 4,352	1980	1,209 1,265 1,405 1,367 1,458	\$6.19 6.64 6.60 7.48 7.16 7.51 7.84 8.86 9.20	1989	2,639 3,190	\$9.71 11.41 11.20 11.01 12.49 14.96 14.81 16.35 17.13	1976	4,851 5,579 5,625 5,994 6,320	\$18.05 21.80 24.55 24.50 25.41 26.98 32.15 32.47 34.55

<sup>&</sup>lt;sup>1</sup> Based on Bureau of the Census estimated resident population as of July 1.

No. 316. Fires-Number and Loss, by Type and Property Use: 1980 to 1985

[Based on annual sample survey of fire departments. No adjustments were made for unreported fires and losses. Property loss includes direct property less only]

was not become the			NUMBER	(1,000	)			PROP	ERTY LO	oss (mi	L dol.)	
TYPE AND PROPERTY USE	1980	1981	1982	1983	1984	1985	1980	1981	1982	1983	1904	1985
Fires, total Structure Outside of structure  Brush and rubbish Vehicle Other	1,065	2,893 1,027 81 1,052 466 267	2,538 946 54 832 443 263	2,327 869 49 756 447 206	2,343 848 45 790 455 205	2,371 860 51 832 456 172	6,254 5,454 61 685 54	6,676 5,976 61 594 45	6,432 5,731 52 591 58	6,598 5,826 35 694 43	6,707 5,891 29 749 38	7,324 6,437 63 792 32
Structure by property use: Public assembly Educational Institutional. Stores and offices Residential 1-2 family units a Apartments Hotels and motels Other residential Storage a Industry, utility, defense a Special structures	143 12 12 65	28 20 27 65 733 574 137 12 10 62 49 43	28 17 29 56 676 538 117 10 11 54 42 44	25 11 23 50 642 524 102 9 7 48 36 34	24 12 22 49 623 506 99 9 48 35 35	24 13 23 49 622 502 104 8 8 52 36 41	326 101 25 645 3,042 2,447 401 154 40 512 672 131	356 184 38 642 3,259 2,713 415 99 32 616 775 106	381 161 17 510 3,253 2,794 353 84 22 584 663 162	354 103 14 686 3,306 2,792 413 64 37 473 763 127	336 122 18 654 3,440 2,945 417 50 28 536 631 154	462 114 17 654 3,774 3,217 476 56 25 683 572 161

Represents zero.
 Includes outside storage, crops, timber, etc.
 Includes mobile homes.
 Data underreported as some incidents were handled by private fire brigades or fixed suppression systems which do not report.

No. 317. Fires and Property Loss for Incendiary and Suspicious Fires; and Civilian Fire Deaths and Injuries by Selected Property Type: 1980 to 1985

### [Based on sample survey of fire departments]

ITEM	1900	1983	1964	1983	ITEM	1980	1963	1984	1995
NUMBER (1,000)					CIVILIAN FIRE DEATHS				
Structure fires, total	1,065	869	848	900	Deaths, total 2	6,505	5,920	5,240	0,105
Structure fires of incendiary or suspicious origin		122	110	117	Residential property One- and two-family	5,446	4,820	4,240	5,025
Fires of incendiary ongin	92	73	66	69	dwellings	4,175	3,825	3,290	4,020
Fires of suspicious origin	54	49	44	48	Apertments		845	785	865
PROPERTY LOSS <sup>1</sup> (mil. dol.)					Vehicles	740	725	630	625
Structure fires, total	5,454	5,826	5,301	6,437	Injuries, total <sup>2</sup>	30,200	31,275	20,129	20,435
Structure fires of incendiary or suspicious origin	1.760	1.421	1,417	1.670	Residential property One- and two-family	21,000	21,450	19,275	19,025
Fires of incendiary origin		946	883	1,069	dwellings		16,450	15,100	15,250
Fires of suspicious origin	602	475	534	601	Apartments	3,800	4,300 3,800	3,650	3,600
· · · · · · · · · · · · · · · · · · ·					V 01 00-10-00	4,075	3,800	3,000	-,500
		L						L	Ī

<sup>&</sup>lt;sup>1</sup> Direct property less only. 
<sup>2</sup> includes other not shown separately.

Source: 1946-1984, National Board of Fire Underwriters, New York, NY, Report of the Committee on Statistics and Origin of Losses; thereafter, Insurance Information Institute, New York, NY, Insurance Facts, annual.

Source: National Fire Protection Association, Quincy, MA, "Fire Loss in the United States During 1985", Fire Journal, September 1986 and prior issues. (Copyright.)

Source: National Fire Protection Association, Quincy, MA, "Fire Loss in the United States During 1985", Fire Journal, September 1980 and prior issues. (Copyright.)



Section 6

# Geography and Environment

ection presents a variety of information on the physical environment of the United States, with basic area measurement data and ending with climatic data for selected weather statum the country. The subjects covered between those points are mostly concerned with nental trends, but include such related subjects as land use and ownership, water conti, hazardous waste sites, threatened and endangered wildlife, and expenditures for pollutement and control.

iformation in this section is selected from a wide range of Federal agencies that compile ifor various administrative or regulatory purposes, such as the Environmental Protection Geological Survey, National Oceanic and Atmospheric Administration, and General Serv-inistration. Other agencies include the Bureau of the Census, which presents nationwide assurement information; the Council on Environmental Quality (CEQ), which presents data onmental conditions and pollutarits in its annual report; and the Bureau of Economic Analy-th compiles data on pollution abatement and control expenditures.

-Area measurements were first conducted for the United States as a whole, and gradually lended to the individual States. The annual report of the U.S. General Land Office for 1850 id the first reference to measurements of areas of the States and Territories. In 1881, as he 1880 Census of Population, the Bureau of the Census laid the foundation for accurate alled area measurement in the United States. For the first time, an account was given of the and maps employed, the water bodies included, and the outer limits of the United States a basis for measurement. As part of the 1940 census, the Bureau published Areas of the Nates: 1940, in which data were presented on the total land and inland water areas of the counties, places, and minor civil divisions. Since the 1940 census, the Bureau has published asurement figures in each succeeding census. In 1984, the Bureau undertook a new measof the areas of places with at least 1,000 inhabitants, minor civil divisions, and census fivisions of the 1980 census. The results were published in Area Measurement Reports, iE-20, a series of State reports and a U.S. summary. For 1980, the areas of all States and were completely remeasured, using newer large-scale maps and more modern equipment. I area results for these areas are published in 1980 Census of Population, vol. 1, chapter A (series PC80-1-A). Data for places and selected minor civil divisions with a population of nd over, metropolitan areas, and urbanized areas as well as States and counties are con-1 the U.S. summary report. Data for States, counties, and the selected places and MCDs

available on public use tape Master Area Reference File (MARF) 2. raphy.—The Geological Survey conducts investigations, surveys, and research in the fields raphy, geology, topography, land use/land cover, mineralogy, hydrology, and geothermal resources as well as natural hazards. In cooperation with State and local agencies, the Gesurvey prepares and publishes topographic, land use/land cover, geologic, and hydrologic and data compilations. The Geological Survey provides United States cartographic data the National Cartographic Information Center, water resources data through a multi-volume of Information on Water Data, and a variety of research and Open-File reports which are sed monthly in New Publications of the Geological Survey.

lational Ocean Service, a division of NOAA, is responsible for coastal and geodetic surveys asurement of certain physical phenomena. Currently, its primary functions are to provide or marine and air navigation, to maintain a basic network of geodetic control, and to compile islc data for engineering, scientific, commercial, industrial, and defense needs.

rentory of the nation's land resources by type of use/cover was conducted by the Soil Conn Service in 1982. The results, published in the 1982 National Inventory of Land Resources, I non-Federal land in Puerto Rico, the Virgin Islands, and the U.S. except Alaska.

prepared by the Bureau of the Census show boundaries of various types of political and al areas, such as places, county subdivisions, census tracts, and urbanized areas and are as of the specific census. An inventory of most of these areas was published for the 1980 in Geographic Identification Code Scheme (PHC80-R5) and for the 1982 economic centre Geographic Reference Manual (EC82-R-1). The Census Bureau maintains a current inventory

tory of political units and, for many entities, their legal boundaries through its Boundary and Annexation Survey.

Environment.—The CEQ is responsible for overseeing the environmental assessment process, recommending national environmental policies, analyzing changes and trends in the environment, and for reviewing Federal programs affecting the environment. It reports on environmental conditions, trends, programs and activities in its annual publication, Environmental Quality. The CEQ has also published unique compilations of environmental data in Environmental Statistics, 1979, and Environmental Trends. The principal Federal agency responsible for pollution abatement and control activities is the Environmental Protection Agency (EPA). It is responsible for establishing and monitoring national air quality standards, water quality activities, solid and hazardous waste disposal, and control of toxic substances.

Air sampling, conducted by the Public Health Service, began in 17 communities in 1953; in 1957 the National Air Surveillance Network was established and, by the late 1980's, covered approximately 280 urban and 30 rural stations. The operation of the stations was decentralized in 1972 to the 10 regional EPA offices and many of the stations were in turn assimilated into State and locally operated air monitoring networks. The Network determines the extent and nature of air pollution and studies trends in levels of atmospheric contaminants.

National Ambient Air Quality Standards (NAAQS) for suspended particulate matter, sulfur dioxide, photochemical oxidants, carbon monoxide, and nitrogen dioxide were originally set by the EPA in April 1971. Every 5 years each of the NAAQS are reviewed and revised if new health or welfare data indicates that a change is necessary. The standard for photochemical oxidants now califor ozone was revised in February 1979. Also, a new NAAQS for lead was promulgated in October 1978. Table 331 gives some of the health-related standards for the six air pollutants having NAAQS. Responsibility for demonstrating compilance with or progress toward achieving these standards lies with the State agencies. There are approximately 2,100 non-Federal sampling stations for suspended particulates, 550 for sulfur dioxide, 360 for carbon monoxide, 525 for ozone, 240 for nitrogen dioxide, and 240 for lead. Data from these State networks are periodically submitted to EPA's National Aerometric Data Bank for summarization in annual reports on the nationwide status and trends in air quality; for details, see National Air Quality and Emissions Trends Report, 1985.

Pollution abatement and control expenditures.—Data on expenditures for pollution abatement and control are compiled and published by the U.S. Bureau of Economic Analysis (BEA), the U.S. Bureau of the Census, and the CEQ as part of ongoing programs. BEA conducts surveys on national expenditures for pollution abatement and control and presents the data in its Survey of Current Business. The U.S. Bureau of the Census collects data on State and local government and industry expenditures on control activities. Data on government expenditures were reported in the annual Environmental Quality Control: Government Finances, which was discontinued after the report for fiscal year 1980. Industry data are reported annually in Current Industrial Reports. CEQ publishes data in Environmental Quality.

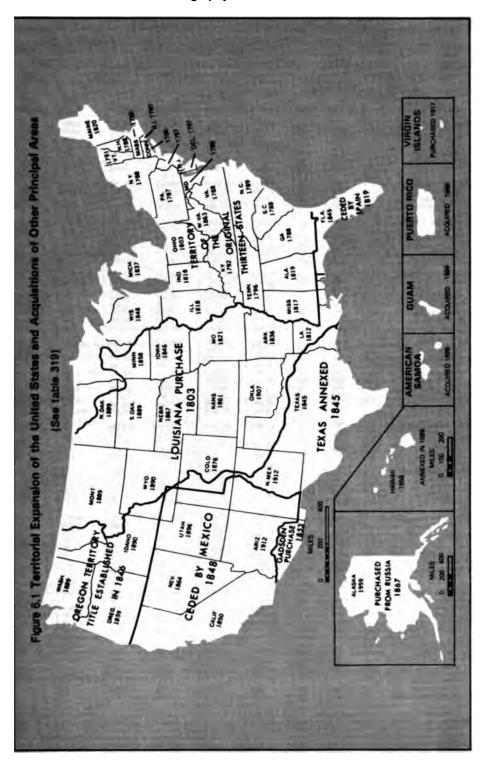
Climate.—NOAA, through the National Weather Service and the National Environmental Satellite, Data and Information Service, is responsible for data on climate. NOAA maintains about 11,600 weather stations, of which over 3,000 produce autographic precipitation records, about 600 take hourly readings of a series of weather elements, and the remainder record data once a day. These data are reported monthly in the Climatological Data (published by State), and monthly and annually in the Local Climatological Data (published by location for major cities).

The climatological temperature, precipitation, and degree day normals listed in this publication are derived for comparative purposes and are averages for the 30-year period, 1951-80. For stations that did not have continuous records for the entire 30 years from the same instrument alle, the normals have been adjusted to provide representative values for the current location. The information in all other tables is based on data from the beginning of the record at that location through 1985, except as noted.

The degree day normals are used to determine relative estimates of heating and cooling requirements for buildings. Each degree that the average temperature for a day is below 65 degrees F produces one heating degree day. For example, if the maximum temperature is 70 degrees F and the minimum temperature is 22 degrees F, the average temperature for the day is 61 degrees, resulting in four (4) heating degree days. Cooling degree days are calculated in a similar fashion for each degree that the average temperature is above 65 degrees F. The monthly degree day normals represent the average accumulation of the daily values for the month.

Historical statistics.—Tabular headnotes provide cross- references, where applicable, to Historical Statistics of the United States, Colonial Times to 1970. See Appendix IV.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986*. For cross-references, see Appendix V.



No. 318, AREA OF STATES AND OTHER AREAS: 1980

[One sq. mile = 2.59 sq. kilometers. See Historical Statistics, Colonial Times to 1970, series A 210-263, for land area]

224662	Year admitted		TOTAL AREA		LAND A	REA 1	WATER	AREA <sup>2</sup>
DIVISION AND STATE OR OTHER AREA	to state- hood	Rank	Sq. mi.	Sq. km.	Sq. mi.	Sq. km.	Sq. mi.	Sq. km.
United States	(x)	(x)	3,618,770	9,372,614	3,539,289	9,166,759	79,461	205,856
New England	(x) 1820	(x) 39	66,672	172,681	63,012	163,201	3,660	9,480
Maine	1820		33,265	86,156	30,995	80,277	2,270	5,879
New Hampshire	3 1788 1791	44	9,279 9,614	24,032	8,993 9,273	23,292	286	739 883
Vermont	3 1788	45	8,284	24,900 21,456	7,824	24,017 20,265	341 460	1,191
Rhode Island	a 1790	50	1,212	3,140	1,055	2.732	158	408
Connecticut	3 1788	48	1,212 5,018	12,997	4,872	12,618	147	380
Middle Atlantic	(x)	(x) 30	102,203	264,707	99,733	258,308	2,470 1,731	6,398
New York	a 1788	30	49,108	127,190 20,169	47,377	122,707	1,731	4,483
New Jersey Pennsylvania	1 1787 1 1787	46 33	7,787 45,308	117,348	7,468 44,888	19,342 116,260	319 420	1,088
East North Central	(x)	(x)	248,540	643,719	243,961	631,859	4,579	11,860
Ohio	1803	(x) 35	41,330	107,044	41,004	106,201	325	843
Indiana	1816	38	36,185	93,720	35,932	93,064	253	656
Illinois	1818	24	56,345	145,934	55,645	144,120	700	1,814
Michigan	1837 1848	23 26	58,527	151,586	56,954	147,511	1,573	4,075
Wisconsin	1848	26	56,153	145,436	54,426	140,964	1,727	4,472
West North Central	(x) 1858	(x)	517,825	1,341,166	508,132	1,316,063	9,693	25,104
Minnesota	1846	25	84,402 56,275	218,601 145,753	79,548 55,965	206,030	4,854	12,571
Missouri	1821	19	69,697	180,516	68,945	144,950 178,568	752	1,948
North Dakota	1889	17	70,702	183,119	69,300	179,486	1.403	3,633
South Dakota	1889	16	77,116	199,730	75,952	196,715	1,164	3,014
North Dakota South Dakota Nebraska	1867	15	77,355	200,350	76,644	198,508	711	1,842
Kansas	1861	14	62,277	213,098	81,778	211,805	499	1,293
South Atlantic	(x)	(x) 49	278,92G	722,420	266,910	691,296	12,017	31,123
Delaware	* 1787		2,045	5,295	1,932	5,005	112	290
Maryland	3 1788	42	10,460	27,092 178	9,837	25,477	623	1,615
Virginia	x 1788	(x) 36	40,767	105,586	39,704	102,832	1,063	2,754
West Virginia	1863	41	24,232	62,760	24,119	62,468	112	291
North Carolina	3 1789	28	52,669	136,413	48,843	126,504	3,826	9,909
South Carolina	3 1788	40	31,113	80,582	30,203	78,227	909	2,355
Georgia	3 1788 1845	21 22	58,910 58,664	152,576 151,939	58,056 54,153	150,365 140,256	854 4,511	2,211
East South Central	64	641	181,947	W. 140	178,824	407.154	2 402	8,090
Kentucky	1792	(x) 37	40,410	471,243 104,660	39,669	463,154 102,743	3,123 740	1,917
Tennessee	1796	34	42,144	109,152	41,155	106.591	989	2,561
Alabama	1819	29	51.705	133,915	50,767	131,487 122,333	938	2,428
Mississippi	1817	32	47,689	123,515	47,233	122,333	457	1,183
West South Central	(x) 1836	(x) 27	437,701	1,133,646	427,271	1,106,633	10,430	27,013
Arkansas	1836	27	53,187	137,754	52,078	134,883	1,109	2,872
Louisiana	1812 1907	31 18	47,752	123,677	44,521	115,310	3,230	8,366
Texas	1845	2	69,956 266,807	181,186 691,030	68,655 262,017	177,817 678,623	1,301 4,790	3,369 12,407
Mountain	M	(x)	863,563	2,236,628	855,193	2,214,951	8,369	21,677
Montana	1889	4	147,046	380.848	145.388	376,555	1,658	4,293
Idaho	1890	13	83,564	380,848 216,432	82,412	376,555 213,447	1,153	2,985
Wyoming	1890	9	97,809	253,326	96,989	251,202	820	2,125
New Mexico	1876 1912	8	104,091	269,596	103,595	268,311	496 258	1,285
Arizona	1912	5	121,593 114,000	314,925 295,260	121,335 113,508	314,258 293,986	492	1,274
Utah	1896	11	84,899	219,889	82,073	212,569	2.826	7,320
Nevada	1864	7	110,561	286,352	109,894	284,624	667	1,728
Pacific	(x)	(x)	921,392	2,386,406	896,253	2,321,295	25,140	65,112
Washington	1889	(x) 20	68,139	176,479	66,511	172,264	1.627	4,215 2,302
Oregon	1859	10	97,073	251,419	96,184	249,117	889	2,302
Californía	1850 1959	3	158,706	411,049	156,299	404,814	2,407	6,235
Hawaii	1959	47	591,004 6,471	1,530,700 16,759	570,833 6,425	1,478,458	20,171	52,243
Other areas:			-		7,,30			- //-
Puerto Rico	(x)	8888	3,515	9,104	3,459	8,959	56	145
American Samoa	(X) (X) (X)	(x)	77	199	77	199	-	
	(X)	(X)	209	541 342	209	541 342		
Missin Inlands of the LLC	1.4	(w)						
Whole telepade of the LLC	(x)	(x)	132	342	132	342	1	3
Virgin Islands of the U.S Pacific Islands, Trust Ter- ritory of the 4 No. Mariana Islands 4	(x) (x) (x)	(x) (x)	132 533 184	1,381	533	1,381	1	3

<sup>-</sup> Represents zero. X Not applicable. <sup>1</sup> Dry land and land temporarily or partially covered by water, such as marshland, swamps, etc.; streams and canals under one-eighth statute mile wide; and lakes, reservoirs, and ponds under 40 acres in area. <sup>2</sup> Permanent inland water surface, such as lakes, reservoirs, and ponds having an area of 40 acres or more; streams, sloughs, estuaries, and canals one-eighth statute mile or more in width; deeply indented embayments and sounds, and other coastal waters behind or sheltered by headlands or islands separated by less than 1 nautical mile of water, and islands under 40 acres in area. Excludes areas of occars, bays, sounds, etc., lying within U.S. jurisdiction but not defined as inland water. <sup>3</sup> Year of ratification of Constitution; one of the original 13 States. \* Under trusteeship; see table 3, footnote 5.

Source: U.S. Bureau of the Census, 1980 Census of Population, vol. I, part A (PC80-1-A), and unpublished di

### No. 319. Territorial Expansion of the United States and Acquisitions of Other Areas

[One square mile = 2.59 square kilometers. Boundaries of all territories listed under "United States" were indefinite, at least in part, at time of acquilation. Area figures shown here represent precise determinations of specific territories which have been marked upon maps, based upon interpretations of the several treaties of cession, which are necessarily debatable. These determinations were made by a committee consisting of representatives of various governmental agencies in 1912. Subsequently these figures were adjusted to bring them into agreement with remeasurements made in 1900. See also Historical Statistics, Colonial Times to 1970, series J 1-2]

ACCESSION	Acquisi-	GROSS (land and		ACCESSION	Acquisi-	(land and water)		
C.72	date Sq. mi. Sq. km. (x) 3,623,434 9,384,694 Other an	1 277 280	date	Sq. mi.	Sq. km.			
Total	(x)	3,623,434	9,384,694	Other areas:	V	W 400 a	-	
Name of Parks	4.4	0.010.770		Puerto Rico	<sup>2</sup> 1898	3,515	9,10	
United States	(X)	3,618,770	9,372,614	Guam	a 1898	209	54	
Territory in 1790 1	(x)	891,364	2,308,633	American Samoa	4 1899	77	196	
Louisiana Purchase	1803	831,321	2,153,121	Virgin Islands of the	0.00		0.3	
Purchase of Florida	1819	69,866	180,953	0.s	1917	132	342	
Texas	1845	384,958	997,041	Pacific Islands,	0.1	1000		
Oregon	1846	283,439	734,107	Trust Territory of the a.,	1947	533	1,380	
Mexican Cession	1848	530,706	1,374,529	No. Mariana Islands 5	1947	184	47	
Gadsden Purchase	1853	29,640	76,768	All other *	(x)	14	36	
Alaska	1867	591,004	1,530,700	7.0 40.07 10.00.00.00.00.00		100		
Hawaii	1898	6,471	16,760					

X Not applicable. Includes that part of drainage basin of Red River of the North, south of 49th parallel, sometimes considered part of Louisiana Purchase. In Caded by Spain in 1998, ratified in 1899, and became Commonwealth of Puerto Rico by Act of Congress on July 25, 1962. Acquired 1999; ratified 1999, "Acquired 1999; ratified 1990. Louisian Louisian Parallel 1999; ratified 1990. In Louisian Lo

Source: U.S. Bureau of the Census, unpublished data.

No. 320. LAND UTILIZATION, BY TYPE: 1959 TO 1982

[See Historical Statistics, Colonial Times to 1970, series J 50-66, J 71, and J 78, for similar data]

		LAND	(mil. ac	res)				PERCEN	r	
ТҮРЕ	1959	1969	1974	1978	1982	1959	1969	1974	1978	1982
Total land area 1	2,271	2,264	2,264	2,264	2,265	100.0	100.0	100.0	100.0	100.0
LAND USE	2.0	100	75		1				200	
Cropland used for crops 3	359 33	333	361 21	369 26	383 21	15.8	14.7	16.0	16.3	16.9
Cropland used only for pasture	66 633	88 604	83 598	76 587	65 597	2.9	3.9 26.7	3.7 26.4	3.4 25.9	2.9
Forest land *	728 146	723 172	718 182	703 158	655 270	32.1 6.4	31.9 7.6	31.7	31.1	28.9
Urban areas * Transportation areas *	24 25	31 26	35 26	(1)	(T) 27	1.1	1.4	1.5	(1)	(*)
Recreation areas 9	44	49	52 36	57	1 116 1 95	1.9	2.2	2.3	2.5	* 5.1
National defense and industrial 11		26	25	25	24	1.1	1.1	1.1	1.1	1.1
Other land 12	306	293	301	7 345	6 1 274	13.5	12.9	13.2	1 15.2	5 7 12.1
LAND OWNERSHIP					-	24.2	Common Common			-72
Private land 11	1,332 53 886 765 121	1,317 50 897 763 134	1,316 51 897 761 136	1,315 52 897 742 155	1,329 51 885 730 155	58.7 2.3 39.0 33.7 5.3	58.2 2.2 39.6 33.7 5.9	58.1 2.3 39.6 33.6 6.0	58.1 2.3 39.6 32.8 6.8	58.7 2.2 39.1 32.2 6.8

<sup>\*\*</sup> Changes in total land area are due to variable methods and materials used in periodic remeasurements, and to the construction of artificial reservoirs.

\*\* Cropland hervested, crop failure, and cutilvated summer failow.

\*\* Grassland and other nonforest pasture and range.

\*\* Excludes reserved forest land in parks and other special uses of land. Includes forest grazing land.

\*\* Changes in use between 1978 and 1982 are primarily attributed to recisealization and change of Aleskan lands to park, willderness, and wildlife areas.

\*\* Estimated area in urbanized areas and places of 2,500 or more population outside urbanized areas.

\*\* Data for urban areas included in other land.

\*\* Apreciants urtal highway, road, and railroad rights-of-way, and airports.

\*\* Area in National and State parks and related recreation areas, including area in national wilderness and primitive areas.

\*\* Acreage administered by Federal and State spendes primarily for wildlife protection and propagation.

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Source: U.S. Dept. of Agriculture, Economic Research Service, Major Uses of Land in the United States: 1982, AER 535, June 1985, and earlier reports in the series.

### No. 321. AREA AND ACQUISITION OF THE FEDERAL PUBLIC DOMAIN: 1781 TO 1986

[In millions of acres. Areas of acquisitions are as computed in 1912, and do not agree with figures in square miles shown in table 319 which include later adjustments and reflect subsequent remeasurement. Excludes outlying areas of the United States amounting to 645,949 acres in 1978. See also Historical Statistics, Colonial Times to 1970, series J 3-5]

			U	ND AREA	1			ACREAGE	
YEAR	Land area, total <sup>1</sup>	YEAR	Total	Public do- main	Ac- quired	YEAR AND ACQUISITION	Total	Land	In- land water
1802	900.0 600.0 413.0 412.0 407.9 768.6 771.5 765.8 761.3 760.2	1973 1974 1975 1976 1976 1977 1978 1979 1981 1982 1983 1984 1985	760.5 760.4 762.2 741.5 775.2 744.1 719.5 730.8 729.8 732.0 726.6	704.8 703.8 702.9 702.8 683.3 712.0 684.3 648.0 668.7 670.0 672.4 658.9 656.2 662.7	56.2 56.7 57.5 59.4 58.2 63.3 59.8 71.5 62.2 59.8 59.6 67.7 70.5 64.4	Aggregate  1781-1802 (State Cessions) 1803, Louisians Purchase s 1819, Cession from Spain. Red River Basin s 1846, Oregon Compromise 1846, Mexican Cession s 1850, Purchase from Texas 1853, Gadaden Purchase 1867, Alaska Purchase	529.9 46.1 29.6 183.4 338.7 78.9	1,804.7 233.4 523.4 43.3 29.1 180.6 334.5 78.8 19.0 362.5	33.1 6.5 2.1 4.2 12.1 12.6

Z. Less than 50,000. ¹ Owned by Federal Government. Comprises original public domain plus acquired lands. Estimated from imperfect data available for indicated years. Prior to 1959, excludes Alaska, and 1980, Haweli. Source: Beginning 1955, U.S. General Services Administration, Inventory Report on Real Property Owned by the United States Throughout the World, annual. ² Data for Louisiane Purchase exclude areas eliminated by Treaty of 1819 with Spain. Such areas are included in figures for Mexican Cession. ² Represents drainage basin of Red Filver of the North, south of 48th parallel. Authorities differ as to method and date of its acquiettion. Some hold it as part of Louisiana Purchase; others, as acquired from Great Britain.

NO. 322. TOTAL AND FEDERALLY OWNED LAND, 1960 TO 1986, AND BY STATE, 1986 [As of end of fiscal year; see text, section 9. Total land area figures are not comparable with those in table 318]

YEAR, REGION, DIVISION, AND	Total (1,000	Not owned by Federal Govern-	OWNE FEDE GOVERN	RAL	DIVISION AND STATE	Total (1.000	Not owned by Federal Govern-	OWNE FEDE GOVERN	RAL
STATE	acres)	ment (1,000 acres)	Acres (1,000)	Per- cent	STATE	acres)	ment (1,000 acres)	Acres (1,000)	Per- cent
1960	2,273,407	1,501,894	771,512	33.9	W. No. Cent	326,191	314,528	11,663	3.6
1965		1,505,546	765,797	33.5	MN	51,206	47,746	3,460	6.8
1970		1,510,042	761,301	33.5	IA	35,860	35,700	160	.4
1973		1,510,344	760,999	33.5	MO	44,248	42,176	2,072	4.7
1974	2,271,343	1,510,811	760,532	33.5	ND	44,452	42,510	1,942	4.4
1975	2.271,343	1,510,929	760,414	33.5	SD	48,882	46,149	2,733	5.6
1976	2,271,343	1,509,151	762,192	33.5	NE	49,032	48,317	714	1.5
1977	2,271,343	1,529,834	741.509	32.6	KS	52,511	51,930	582	1.1
1978	2,271,343	1,496,094			So. Atl	171,324	157,499	13,825	8.1
1979	2,271,343		775,249	34.1	DE	1,266	1,236	30	2.4
		1,533,545	744,146	32.8	MD	6,319	6,122	197	3.1
1980		1,551,822	719,522	31.7	DC	39	28	11	27.8
1981	2,2/1,343	1,540,528	730,815	32.2	VA	25,496	23,041	2,455	9.6
1982	2,271,343	1,541,522	729,821	32.1	WV	15,411	14,246	1,165	7.1
1983		1,539,301	732,042	32.2	NC	31,403 19,374	29,184 18,205	1,169	6.0
1984	2,271,343	1,544,785	726,559	32.0	SC	37.295	34,996	2,299	6.2
1985	2,271,343	1,544,658	726,686	32.0	GA	34,721	30,441	4,280	12.3
				1000	E. So. Cent	115,141	108,943	6,199	5.4
1986, total	2,271,343	1,544,230	727,113	32.0	KY	25,512	24,112	1,401	5.5
Region:					TN	26,728	24,740	1,988	7.4
Northeast	101 000	101 100	2504		AL	32,678	31,547	1,132	3.5
Normeast	104,699	101,136	3,564	3.4	MS	30,223	28,544	1,678	5.6
Midwest		464,529	18,341	3.8	W. So. Cent	274,773	265,988	8,782	3.2
South	561,238	532,430	28,806	5.1	AR	33,599	30,200	3,399	10.1
West		446,137	676,400	60.3	LA	28,868	27,686	1,181	4.1
N. Eng		39,087	1,314	3.3	OK	44,088	43,220	867	2.0
ME		19,697	150	.8	TX	168,218	164,882	3,335	2.0
NH		5,029	740	12.6	Mt	548,448	279,907	268,543	49.0
VT		5,615	322	5,4	MT	93,271	65,035	28,236	30.3
MA		4,952	83	1.6	ID	52,933 62,343	19,174	33,759	63.8
RI		672	5	.7	WY	66,486	30,912 42,297	31,431 24,189	36.4
CT	3,135	3,122	14	.4	CO	77.766	51.896	25,871	33.3
Mid. Atl		62,049	2,250	3.5	AZ	72,688	41.015	31,673	43.6
NY	30,681	29,221	1,460	4.8	ÚT	52,697	19,128	33,569	63.7
NJ	4,813	4,662	151	3.1	NV	70,264	10,450	59,815	85.1
PA	28,804	28,166	639	2.2	Pac	574,088	166,230	407,857	71.0
E. No. Cent		150,001	6,678	4.3	WA	42,694	30,235	12,459	29.2
OH	26,222	25,900	322	1.2	OR	61,599	31,567	30,031	48.8
IN		22,721	437	1.9	CA	100,207	53,884	46,323	46.2
Lancacontononono	35,795	35,295	500	1.4	AK	365,482	47,125	318,357	87.1
MI	36,492	32,963	3,529	9.7	Н	4,106	3,419	687	16.7
WI	35,011	33,122	1,890	5.4		-	3,500	120	

<sup>1</sup> Excludes trust properties.

Source: U.S. General Services Administration, Inventory Report on Real Property Owned by the United States Throughout the World, annual.

Source: Except as noted, U.S. Dept. of the Interior. Estimated area, Bureau of Land Management; all other data, Office of the Secretary, Areas of Acquisitions to the Territory of the U.S., 1922.

### No. 323. LAND COVER/USE, BY STATE: 1982

[In thousands of scree. Excludes Alaska and District of Columbia]

						NONFEDE	RAL			
6000	Total	Federal		Urban	7-5	-	A	ural land		
TATE	surface area 1	surface area	Total	and builtup land	Rural trans- portation	Total *	Crop- land	Pas- ture land	Range- land	Forest
ed States	1,937,726	404,063	1,495,436	46,416	26,914	1,412,011	420,994	132,356	405,914	393,197
	33,091 72,960 34,040 101,572	904 32,056 3,114 45,552	31,553 40,603 30,221 54,471	906 711 636 3,265	639 291 540 1,037	29,697 39,582 28,770 49,833	4,510 1,206 8,102 10,518	3,817 79 5,794 1,393	30,948 162 18,125	20,633 4,760 14,340 15,218
cul	3,212	23,611 9 33 3,129 2,068 342	42,696 3,109 1,204 31,528 35,078 3,771	672 603 128 2,770 1,632 126	609 55 26 601 504 23	41,271 2,401 1,039 27,730 32,536 3,610	10,603 245 519 3,557 6,568 333	1,260 114 35 4,273 2,977 974	3,804	4,030 1,828 348 12,430 21,884 1,474
***************************************	53,481 36,061 23,159 36,016	33,445 493 489 172	19,449 35,137 22,514 35,644	189 1,846 1,192 623	255 870 517 1,061	18,934 32,076 20,597 33,709	6,390 24,727 13,781 26,441	1,274 3,157 2,212 4,536	6,733	3,977 3,429 3,640 1,756
f	25,862 30,561 21,290	585 1,125 1,104 135 158 89	51,785 24,278 27,103 19,702 6,114 4,923	721 636 823 212 763 883	1,104 570 546 270 114 128	49,655 22,866 25,256 19,066 5,173 3,839	29,118 5,934 6,409 953 1,794 297	2,241 5,880 2,369 569 534 202	16,909	626 10,158 12,896 16,770 2,425 2,970
ii.	37,457 54,017 30,521 44,606	3,087 3,373 1,618 2,094	33,368 47,457 28,558 41,983	1,966 904 582 1,117	873 1,154 539 977	30,265 45,036 27,063 39,543	9,443 23,024 7,415 14,998	2,911 3,590 3,975 12,573	199	15,360 13,956 15,243 10,986
npshiresey	4,984	27,107 639 60,189 727 145 26,420	65,947 48,449 10,159 5,033 4,635 51,247	197 415 199 236 1,163 267	784 826 152 109 69 382	64,665 46,990 9,788 4,629 3,342 50,535	17,197 20,277 860 158 809 2,413	3,036 2,125 304 125 240 163	37,837 23,096 7,908 40,982	5,226 732 357 4,085 1,846 4,734
k irolina ikota	31,429 33,708 45,250 26,451	237 2,116 1,879 346	30,084 29,111 42,434 25,892	1,811 1,622 198 2,187	594 727 1,036 645	27,386 26,481 41,021 22,859	5,912 6,695 27,039 12,447	3,872 1,980 1,272 2,714	10,948	16,517 16,729 438 6,380
ania iland irolina ikota	62,127 28,997 776 19,912	1,192 32,122 668 4 1,150 2,824	42,783 29,332 28,060 672 18,173 45,762	851 526 2,073 140 839 231	789 365 613 14 475 833	40,795 28,291 25,144 508 16,681 44,506	11,568 4,356 5,896 27 3,579 16,947	7,138 1,966 2,593 36 1,208 2,703	15,060 9,392 - - 22,784	6,539 11,889 15,300 406 11,026 562
00 ,	26,972 17,075 54,336 6,153	1,343 2,998 35,819 315	24,980 164,765 16,703 5,619	1,000 4,388 274 97	588 2,234 152 101	23,189 157,431 16,247 5,377	51,592 33,320 2,039 648	5,356 17,043 490 501	95,353 8,489	11,529 9,324 3,235 4,087
ton ginia n	26,091 43,609 15,508 35,938 62,598	2,347 12,474 1,104 1,800 29,315	23,063 30,092 14,330 33,064 32,803	1,219 990 312 1,125 148	329 492 205 770 330	21,292 28,462 13,722 30,890 32,240	3,397 7,793 1,093 11,457 2,587	3,392 1,345 1,869 3,394 755	5,637	13,625 12,690 10,423 13,393 987

presents zero. ¹ Includes 107.9 million acres of water areas and minor land cover/uses not shown separately, des 59.55 million acres of minor land cover/uses not shown separately.

t: U.S. Dept. of Agriculture, Soil Conservation Service, 1982 National Resources Inventory, forthcoming.

## Geography and Environment

### No. 324. Extreme and Mean Elevations—States and Other Areas

[One foot=.305 meter]

	HIGHEST POIN	(T		LOWEST POIN	T .		APPRO	
STATE OR OTHER AREA	Name	Elev	ation	Nome	Elev	ation	ELEV	ATIO
	Name	Feet	Meters	Name	Feet	Meters	Feet	M
U.S	Mt. McKinley (AK)	20,320	6,198	Death Valley (CA)	- 282	-86	2,500	
AL	Cheaha Mountain	2,407	734	Gulf of Mexico	(1)	(1)	500	1
AK	Mount McKinley	20,320	6,198	Pacific Ocean	(1) 70	(3)	1,900	1
AZ	Mount McKinley Humhreys Peak	12,633	3,853	Colorado River	70	21	4,100	1
AR	Magazine Mountain	2,753	840	Ouachita River	55	17	650	1
CA	Mount Whitney	14,494	4.421	Death Valley	-282	-86	2,900	
CO	Mt. Elbert	14,433	4,402	Death Valley	3,350	1,022	6,800	1
CT	Mt. Frissell, on South	2,380	726	Long Island Sound	(1)	(1)	500	
DE	Ebright Road, New Castle	112	5	A STATE OF THE RESERVE AND ADDRESS OF THE PARTY OF THE PA		7.2	100	1
200	County	442	135	Atlantic Ocean	(1)	(1) (Z)	60	1
DC	Tenleytown	410	125	Potomac River		(Z)	150	1
FL	Sec. 30, 16N, H20W,			Allert Conse	***		400	1
GA	Tenleytown Sec. 30, T6N, R20W, Walton County <sup>3</sup> Brasstown Bald	345 4.784	1,459	Atlantic Ocean	<b>[3]</b>	(3)	100 600	1
GA	brasslown baid	4,/64	1,459	Auanuc Ocean	(,)	(9)	600	
HI		13,796	4,208	Pacific Ocean	(1)	(1)	3,030	1
ID	Borah Peak	12,662	3,862	Snake River	710	217	5,000	1 4
IL	Charles Mound	1,235	377	Mississippi River	279	85	600	1
IN	Franklin Twp., Wayne Co Sec. 29, T100N, R41W, Osceola County <sup>2</sup> Mount Sunflower	1,257	383	Ohio River	320	98	700	1
IA	Sec. 29. T100N. R41W	1,00				1	1,00	1
	Osceola County *	1,670	509	Mississippi River	480	146	1,100	1
KS	Mount Sunflower	4,039	1,232	Mississippi River Verdigris River	680	207	2,000	1
KY	Black Mountain	4,145	1,264	Mississippi River	257	78	750	1
LA	Driskill Mountain	535	163	New Orleans	-5	-2	100	1
ME	Mount Katahdin	5,268	1,607	Atlantic Ocean	(1)	(1)	600	1
MD	Backbone Mountain	3,360	1,025	Atlantic Ocean	(1)	(3)	350	1
MA	Mount Greylock	3,491	1,065	Atlantic Ocean	(2)	8	500	1
MI	Mount Arvon	1,979	604	Lake Erie	572	174	900	
MN	Eagle Mountain, Cook Co	2,301	702	Lake Superior	602	184	1,200	1
MO	Woodall Mountain Taum Sauk Mountain	806	246	Gulf of Mexico	230	(1)	300 800	1
	Granite Peak	1,772	3,904	St. Francis River	1,800	549	3,400	1 .
MT NE	Inhana Tun Kimbali Co	12,799 5,426	1,655	Southeast corner of State	840	256	2,600	1
NV	Johnson Twp., Kimball Co Boundary Peak Mount Washington	13,143	4,009	Colorado River		143	5,500	1
NH	Mount Washington	6,288	1,918	Atlantic Ocean	(1)	(1)	1,000	1
NJ	High Point	1,803	550	Atlantic Ocean	14	(1)	250	1
NM	High PointWheeler Peak	13,161	4,014	Red Bluff Reservoir	(¹) 2,817	859	5,700	1
NY	Mount Marcy	5,344	1,630	Atlantic Ocean	(1) (1) 750	8	1,000	
NC	Mount Mitchell	6 684	2,039	Atlantic Ocean	(1)	(1)	700	1
ND	White Butte, Slope Co Campbell Hill	3,506	1,069	Red River	750	229	1,900	1
OH	Campbell Hill	1,550	473	Ohio River	433	132	850	1
OK	Black Mesa	4,973	1,517	Little River	287	88	1,300	1
OR	Mount Hood	11,239	3,428	Pacific Ocean	(3)	8	3,300	1.3
PA	Mount Davis		980	Delaware River	(3)	83	1,100	1
RI	Jerimoth Hill	812	248	Atlantic Ocean	33	[ 23 ]	200	1
SCSD	Sassafras Mountain Harney Peak	3,560 7,242	1,086	Big Stone Lake	962	293	350 2,200	1
	The second secon	100	1.00					1
TN	Clingmans Dome	6,643	2,026	Mississippi River	182	56	900	1
TX	Guadalupe Peak	8,749 13,528	2,668	Guil of Mexico	2,000	610	1,700	1 .
VT	Kings Peak	13,528	4,126	Beaverdam Creek			6,100	1
VA	Mount Rogers	4,393	1,340	Lake Champlain	95	29	1,000	1
WA	Mount Rainier	5,729	4,395	Atlantic Ocean	(1)	(1)	1,700	1
W	Spruce Knob.	4,863	1,483	Potomac River		1 72	1,500	1
WI	Timms Hill	1,951	595	Lake Michigan	581	177	1,050	1
WY	Gannett Peak	13,804	4,210	Lake Michigan Belle Fourche River	3,100	946	6,700	1
Other areas:			1		1	-	Con	
PR	Cerro de Punta	4,389	1,339	Atlantic Ocean	(1)	(1)	1,800	1
Am. Samoa	Lata Mountain	3,160	964	Pacific Ocean	(1)	(1)	1,300	1
	Mount Lamlarn	1,329	405	Pacific Ocean	25	3	330	1
GU				Atlantic Ocean				

Z. Less than .5 meter. Sea level. <sup>9</sup> "Sec." denotes section; "T," township; "R," range; "N," north; "W," we Source: U.S. Geological Survey, Elevations and Distances in the United States, 1980.

### NO. 325, LENGTHS OF PRINCIPAL NORTH AMERICAN RIVERS

is rivers 600 miles or more in length. Length represents distance to designated outflow from (a) original headwater of river where name applies to entire length of channel, or (b) upper limit of channel so named, usually the junction of 2 as or headwater streams. One mile = 1.000 (diometers)

V A - 1 - 1	LEN	GTH	The state of the s	LEN	GTH
RIVER/OUTFLOW	Miles	Kilo- meters	RIVER/OUTFLOW	Miles	Kilo- meters
Coosa/Mobile River	600	966	Mississippi-Missouri-Red Rock/Mouth of SW		
unes Bay	610	981	Pass	3,710	5,970
/Mississippi River	1,459	2,348	Missouri/Mississippi River	2,315	3,725
antrey inlet	600	965	Missouri-Red Rock/Mississippi River	2,540	4,090
ull of Mexico	923	1,490	Mobile-Alabama-Coosa/Mobile Bay	645 488	1,040
/Arkansas River	906	1,458	North Canadian/Canadian River North Platte/Platte River	618	994
Hudson Bay	1,000	1,609	Ohio/Mississippi River	981	1,576
Arkansas River	600	965	Ohio-Allegheny/Mississippi River	1,306	2,101
(U.SMex.)/Gulf of California	1,450	2,333	Ottawa/St. Lawrence	790	1,271
(Texas)/Matagorda Bay	862	1,387	Ouachita/Red River	605	973
/Pacific Ocean	1.243	2,000	Peace/Slave River	6,210	1,947
Upper/to mouth of Snake River	890	1,432	Pecos/Rio Grande	926	1,490
nd/Ohio River	720	1,158	The felt is a 4 massage that amount	3100	100
rait of Georgia		1,368	Rio Grande/Gulf of Mexico	1,760	2,840
rado River	649	1.044	St. Lawrence/Lake Ontario	800	1,287
T-WY)/Colorado River		1,175	Saskatchewan N./Lake Winnipeg	800	1,290
D-SD)/Missouri River	710	1,142	Saskatchewan S./Lake Winnipeg		1,390
D'ODJ/ MISSOUT FIFTH I	7.10	1,142	Severn (Ontario)/Hudson Bay	610	981
m/Kuskokwim Bay	724	1,165	Snake/Columbia River		1,670
ckenzie River		1,115	Tanana/Yukon River	659	1,060
e/Arctic Ocean	900	1,448	*	650	
ouri River		1,006	Tennessee/Ohio River	652 883	1,049
pi/Mouth of SW Pass	2.348	3,778	Tennessee-French Broad/Ohio River	720	1,15
oi. Upper/to mouth of Missouri	2,340	0,770	White (AR-MO)/Mississippi River	692	1,110
pi, Opper/to mouth of Missouri	1,171	1,884	Yukon/Bering Sea	1,979	3,18

r. U.S. Geological Survey, unpublished data.

### No. 326. WATER AREA, OTHER THAN INLAND WATER-STATES

fee only that portion of body of water under the jurisdiction of the United States, excluding Alaska and Hawell. Excludes inland waters; see footnote 2, table 1. One square mile = 2.59 square idlometers]

	<b>^</b>	EA		AR	EA
BODY OF WATER	Sq. mi.	Sq. km.	BODY OF WATER	Sq. mi.	Sq. km.
f	74,364	132,366	Gulf of Mexico coastal water		9,93
			Alabama		1,45
cestal water		5,952	Florida	1,636	4,39
			Louisiana	1,016	2,63
B		124	Mississippi		1,44
		2,854	Texas	7	11
chueetta		2,484	1	l	
lelend	14	36	Lake Michigan		57,44
Carolina	139	357	Minois		3,96
			Indiana		58
ske Bay		8,384	Michigan		33,78
rd		4,470	Wisconsin	7,387	19,13
<b></b>	1,511	3,913			
		l	New York Herbor		23
Bery		1,722	New Jersey		17
<b></b>		907	New York	23	
orboy	315	616	Lake Ontario: New York	3,033	7,86
<b></b>	5,002	12,965	Pacific coastal water		90
<b>M</b>	216	559	California	89	179
ork	594	1,536	Oregon	48	12
Name :		6,964	Weehington	228	58
/veria	735	1,904	1		
		1	Puget Sound: Washington	561	1,45
if Georgia and Juan de Fu	ca:		Lake St. Clair: Michigan	116	30
ngton	1,810	4,170	1		l
ron: Michigan		23,245	Lake Superior	21,116	54,69
ind Sound		3,364	Michigan		42.03
clicut		1,484	Minnesota		5,72
ork	726	1.890	Wisconsin		6.92

st U.S. Bureau of the Census, Areas of the United States: 1940.

No. 327. WATER WITHDRAWALS AND CONSUMPTION PER DAY—STATES AND OTHER AREAS: 198
[In millions of gallons per day, except as noted. Figures may not add due to rounding. Withdrawal signifies water physics withdrawn from a source. Includes fresh and saline water]

			1	WATER WIT	THORAWN				
		Per	So	urce	-	L	lse		sur
STATE OR OTHER AREA	Total	capita (gal. per day) fresh	Ground water	Sur- face water	Irriga- tion	Public sup- ply <sup>1</sup>	Indus- trial 2	Thermo- electric	tr
Total	399,000	1,400	73,900	325,000	137,000	39,920	29,534	187,000	9
Alabama	8,600	2,140	347	8,250	69	654	851	6,920	
Alaska	406	727	72	334	-	86	133	30	
Arizona	6,430	1,960	3,100	3,330	5,520	645	133	58	1
Arkansas	5,910	2,500	3,810	2,100	3,870	317	175	1,090	
California	49,700	1,420	15,100	34,600	30,600	5,450	1,159	12,180	2
Colorado	13,600	4,190	2,340	11,200	12,400	754	211	110	10
Connecticut	2 700	276		2040	3	401	147	2 210	
Connecticut		375	144	3,640		401		3,210	1
Delaware	1,650	222	79	1,580	27	87	410	1,121	
District of Columbia	348	556	2.7.7	348	-	218	-	130	1
Florida	17,000	554	4,050	13,000	2,910	1,939	679	11,351	
Georgia	5,450	899	1,000	4,440	453	935	656	3,326	
Hawaii		1,100	655	1,490	906	215	20	970	
ldaho	22,300	22,200	4,800	17,500	20,600	301	334	2.2	1
Illinois	14,500	1,250	968	13,500	71	1,910	639	11,700	
Indiana	8,030	1,250	635	7,400	47	714	2.751	4,480	
owa	2,770	960	671	2,090	67	415	260	1,810	
Kansas	5,680	2,320	4,800	874	4,730	366	95	415	
Kentucky	4,200	1,130	205	3,990	8	451	266	3,410	
Louisiana	10,400	2,210	1,430	8,970	1,670	675	2,072	5,964	
Maine	1,520	733	66	1,460	2	127	578	745	
Maryland	6,710	321	219	6,490	34	834	371	5,429	
Massachusetts	9,660	1,070	315	9,340	16	802	153	8,450	1
Michigan	11,400		600	10,800				8,390	
Michigan	11,400	1,270			210	1,373	1,385		1
Minnesota	2,830	676	685	2,150	209	604	457	1,470	
Mississippi		868	1,570	895	886	328	188	670	
Missouri		1,210	640	5,470	306	699	116	4,930	
Montana	8,650	10,500	203	8,450	8,300	174	60	67	
Nebraska	10,000	6.250	5,590	4,450	7.270	272	167	2,210	r .
Nevada	3,740	3,860	908	2,830	3,350	300	35	23	
New Hampshire	894	688	84	810	0,000	111	239	543	
New Jersey		307	668	6,270	132	1,114	1.137	4.546	
New Mexico	3,280	2,320	1,510	1,780	2,820	264	83	59	1 .
New York	15,200						1.080		
New TOTK	15,200	508	1,100	14,100	38	3,051		10,870	1
North Carolina	8,760	1,260	435	8,320	132	764	539	7,266	
North Dakota	1,160	1,690	127	1,040	154	84	13	892	
Ohio	12,700	1,180	730	12,000	17	1,559	540	10,500	
Oklahoma	1,270	386	568	707	445	547	113	134	
Oregon		2,450	660	5,880	5,710	496	301	12	
Pennsylvania	14,300	1,210	799	13,500	11	1,784	2,208	10,200	
Rhode Island	412	156	27	385	3	126	20	261	
		3.50	1	400.00	1	170		1000	
South Carolina	6,820	2,040	214	6,610	34	421	1,135	5,186	1
South Dakota	675	956	249	425	460	96	46	7	
Tennessee	8,450	1,770	444	8,010	6	697	1,613	6,060	1
exas	25,300	1,230	7,410	17,900	8,120	3,095	2,763	11,010	1
Utah	4,320	2,540	815	3,500	3,590	453	213	28	
Vermont	126	235	37	89		65	55		
Virginia	7,250	853	341	6,910	52	691	673	5,760	1
Virginia	7,230								1
Washington	7,030	1,600	1,220	5,810	4,940	1,053	559	427	
West Virginia	5,700	2,940	211	5,490	4	172	1,028	4,490	1
NISCONSIN	6,740	1,400	570	6,170	84	659	461	5,440	1
Nyoming	6,220	12,200	526	5,700	5,660	111	184	236	1
Puerto Rico	2,600	176	175	2,430	157	409	18	2,005	
Virgin Islands	124	68	2	123	131	6	14	103	

<sup>-</sup> Represents zero. <sup>1</sup> Includes domestic. <sup>2</sup> Includes mining.

Source: U.S. Geological Survey, Estimated Use of Water in the United States in 1985, circular 1005.

## NO. 323. U.S. WATER WITHDRAWALS AND CONSUMPTIVE USE PER DAY BY END USE: 1940 TO 1985 [Includes Puerto Rico. Withdrawal signifies water physically withdrawn from a source. Includes fresh and saline water; excludes water used for hydroelectric power. See also Historical Statistica, Calonial Times to 1970; series 3 92-103]

		0		PUBLIC S	SUPPLY 1	100	Industri-	Steam
YEAR	(bil. gal.)	Per capita <sup>1</sup> (gal.)	(bil. gal.)	Total (bil. gal.)	Per capita <sup>3</sup> (gal.)	Rural * (bil. gal.)	al and misc. <sup>5</sup> (bil. gal.)	electric utilities (bil. gal.)
WITHDRAWALS	730	D.J.d.	100		1			
1940	140	1,027	71	10	75	3.1	29	23
1950	180	1,185	89	14	145	3.6	37	40
1955	240	1,454	110	17	148	3.6	39	100
1960	270	1,500	110	21	151	3.6	38	100
1965.	310	1,602	120	24	155	4.0	46	130
1970	370	1,815	130	27	166	4.5	47	170
1975	420	1,972	140	29	168	4.9	45	200
1980	450	1,953	150	34	183	5.6	45	210
1965	400	1,650	140	39	195	7.6	30	190
CONSUMPTIVE USE	1 2	110 200		100	10 10 11	100		
1960	61	339	52	3.5	25	2.8	3.0	1 2
1965	77	403	52 66	5.2	25 34 36	3.2	3.4	. 4
1970	87	427	73	5.9	36	3.4	4.1	
1975	96	451	80	6.7	38	3.4	4.2	1.9
1980	100	440	83	7.1	38	3.9	5.0	3.2
1985	95	380	74	(4)	(0)	19.2	6.1	6.1

<sup>\*</sup>Based on withdrawels.

\*Based on population served. \*Pural farm and nonfarm household and garden use, and water for farm stock and delines.

\*Based on population served. \*Pural farm and nonfarm household and garden use, and water for farm stock and delines.

\*For 1940–1990, includes manufacturing and mineral industries, nural commercial industries, air-conditioning, mining and mineral processing, ordnance, construction, and miscellaneous.

\*Public supply consumptive included in end-use ottegories.

\*Includes domestic public supply and commercial.

## No. 329. NATIONAL AMBIENT WATER QUALITY IN RIVERS AND STREAMS—VIOLATION RATE: 1975 TO 1986

[te percent. Violation level based on U.S. Environmental Protection Agency water quality criteria. Violation rate represents the proportion of all measurements of a specific water quality pollutant which exceeds the "violation level" for that pollutant. "Violation" does not necessarily imply a legal violation. Data based on U.S. Geological Survey's National Stream Quality Accounting Network (NASQAN) data system; for details, see source. Years refer to water years. A water year begins in Oct. and ends in Sept. μg=micrograms. mg=militgrams. For metric conventions, see p. xiv)

POLLUTANT	VIOLATION LEVEL	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
Fecal coliform bacteria	Above 200 cells per 100 ml	36	35	34	31	30	33	34	30	28	28
Phosphorus, total, as phosporous Lead, dissolved	Above 1.0 mg per liter Above 50 µg per liter Above 10 µg per liter	5 (8) (8)	5 (B) (B)	3 13 4	4 5 1	4 3 1	3 2 1	3 5 1	4 (Z) (Z)	3 (Z)	(Z) (Z)

B Base figure too small to meet statistical standards for reliability of derived figures. Z Less than 1. Source: U.S. Geological Survey, restonal-level data, unpublished; State-level data, Water-Date Report, annual series prepared in copperation with the State governments.

### No. 330. POLLUTING INCIDENTS REPORTED IN AND AROUND U.S. WATERS: 1970 TO 1985

ITEM	Incidents	Gallons (1,000)	ITEM	Incidents	Gallons (1,000)
1970	3,771	15,253	1961	10,564	19,773
1971	8,736	8,640	1982		23,154
1972		18,806	1983		30,076
1973		24,315	1984		18,161
1974	14,432	19,422		,	
1975		22,243	1986	10,967	23,967
1976	13,930	36,609			
1977		11.248	Type of pollutent.		
1973		17,557	Crude oil	10,177	19,075 4, <b>89</b> 2
1979	13,134	13,661	Dissel oil	810	4,892
1980	11,155	15,093			

Source: U.S. Coast Guard. Based on unpublished date from the Marine Safety Information System, June 1967.

Source: 1940-1980, U.S. Burseu of Domestic Business Development, based principally on committee prints, Water Resources Activities in the United States, for the Senate Committee on National Water Resources, U.S. Senate, Insreafter U.S. Geological Survey, Estimated Use of Water in the United States in 1955, circular 1905, and previous quinquenntal issues.

### No. 331. NATIONAL AMBIENT AIR POLLUTANT CONCENTRATIONS: 1976 TO 1985

[Data represent annual composite averages of pollutant based on daily 24-hour averages of monitoring stations, except of monoide is based on the second-highest, non-overlapping. 8-hour average; exons, average of the second-highest maximum one hour value; and lead, quarterly average of ambient lead levels. Based on data from the National Aerometric Bank. µg/m² = micrograms of pollutant per cubic meter of air; ppm-parts per million]

POLLUTANT	Unit	Monitor- ing stations, number	Air quality stand- ard <sup>1</sup>	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Carbon monoxide Ozone Sulfur dioxide Total suspended particulates	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	163 183 264	3 .122 .03	11.2 .15 .015 63.2	10.7 .16 .014 62.4	10,1 .16 .013 61.6	9.7 .14 .012	.011	8.8 .13 .011	8.1 .13 .010 49.9	8.0 .14 .009 49.2	7.9 .13 .010	7.2 .12 .009 48.1
Nitrogen dioxide Lead	μg/m³	108 53	.053 5 1.5	1.27	1.30	1.15	.030	.60	.028	.026	.026	.026	.025
Carbon monoxide Ozone Sulfur dioxide Total suspended		163 183 264	3.122 .03	100 100 100	96 107 93	90 107 87	87 193 80	93 73	79 187 73	72 87 67	71 93 60	71 87 67	64 80 60
particulates Nitrogen dioxide Lead	1976=100	1,400 108 53	.053 * 1.5	100 100 100	99 104 102	97 104 91	99 107 68	101 104 47	94 100 40	79 93 39	78 93 33	93 30	76 89 20

Peters to the primary National Ambient Air Quality Standard that protects the public health Beased on 8-hour standard of 9 ppm. Based on 1-hour standard of .12 ppm. V data measuring instruments used. Based on 3-month standard of 1.5 μg/m². Values are biased high due to type of

Source: U.S. Environmental Protection Agency, National Ambient Air Quality and Emissions Trends Report, 1985, April 1987.

### No. 332, NATIONAL AIR POLLUTANT EMISSIONS: 1940 TO 1985

[In millions of metric tons, except lead in thousands of metric tons. Metric ton=1.1023 short tons. PM=Particulates, SO<sub>1</sub>=Sulfur oxides, NO<sub>2</sub>=Nitrogen oxide, VOC=Volatile organic compound, CO=Carbon monoxide, Pb=Lead]

Tiday.			EMIS	SIONS			PERCENT CHANGE 1					
YEAR	PM	SO,	NO.	VOC	co	Pb	PM	SO,	NO,	voc	co	Pb
	22.8 24.5	17.5	6.8	18.4	81.6	(NA)	(NA)	(NA)	(NA)	(NA) 12.5	(NA) 5.8	(NA
1960	21.1	19.5	12.8	23.6	88.4	(NA)	-13.9	-1.5 44.6	37.6	14.0	2.4	(NA
1975	18.1	25.6	18.1	22.8	81.0	147.0	-42.5	-9.2	5.5	-16.2	-17.9	-27.5
1981	7.9	23.2	20.3	22.8	76.0	70.6 55.9	-4.2	-2.0	1.2	-5.7	-1.3	-13/
1982	7.1	21.3	19.5	20.0	67.4	54.4 46.3	-10.1	-4.9	-3.9	-7.0	-8.2	-2
1984	7.0	21.3	19.1	21.8	70.3 69.6	40.1	4.3	-3.8 3.9	3.1	4.8	-1.0	-13
1985	7.3	20.7	20.0	21.3	67.5	21.0	-	-2.8	1.5	-23	-3.0	-47

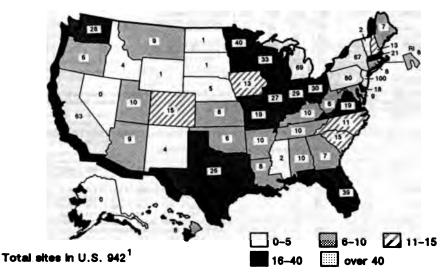
<sup>-</sup> Represents zero. NA Not available. <sup>1</sup> Percent change from prior year shown.

No. 333. AIR POLLUTANT EMISSIONS, BY POLLUTANT AND SOURCE: 1970 TO 1985 [In millions of metric tons, except lead in thousands of metric tons. Metric ton = 1.1023 short tons]

			CON	TROLLAB	LE EMISSI	ONS			PERC	ENT OF T	OTAL
YEAR AND POLLUTANT	Total emis-	Trans			uel ustion 1	Indus-	Solid	Misc. un- con-	Trans-	Fuel	
	sions	Total	Road vehi- cles	Total	Electric utilities	trial proc- esses	waste dis- posal	trol- lable	por- tation	bus- tion 1	Industrial
1970: Carbon monoxide	98.7	71.8	62.7	4.4	.2	8.9	6.4	7.2	72.7	4.5	9.1
Sulfur oxides	28.2	.6	.3	21.3	15.8	6.2	(z)	.1	2.1	75.5	22.0 31.7
Volatile organic compounds	27.2	12.4	11.1	1.1	(Z) 2.3	8.6	1.8	3.3	45.8	4.1	31.7
Particulates	18.1	1.2	.9	4.6		10.1	1.1	1.1	6.6	25.4	55.8 3.9
Nitrogen oxides	18.1	7.6	6.0	9.1	4.4	.7	.4	.3	42.0	50.3	3.9
Lead	203.8	163.6	156,0	9.6	.3	23.9	6.7	(Z)	80.3	4.7	11.7
980: Carbon monoxide	76.0	52.6	45.3	7.3	.3	6.3	2.2	7.6	69.2	9.6	8.3
Sulfur oxides	23.2	.9	.4	18.7	15.5	3.5	(Z)	(Z)	3.9	80.6	15.1
Volatile organic compounds	22.8	8.2	6.9	2.2	(Z)	9.0	.6	2.9	36.0	9.6	39.5
Particulates	8.4	1.3	1.1	2.4	.8	3.2	.4	1.1	15.5	28.6	37.6
Nitrogen oxides	20,3	9.2	7.2	10.1	6.4	.7	.1	.2	45.3	49.8	3,4
Lead	70,6	59.4	56.4	3.9	.1	3,6	3.7	(z) 5.3	84.1	5.5	3.4 5.1 6.8
1985: Carbon monoxide	67.5	47.5	40.7	8.1	.3	4.6	2.0		70.4	12.0	6.8
Sulfur oxides	20.7	.8	.5	17.0	14.2	2.9	(Z)	(Z)	3.9	82.1	14.0
Volatile organic compounds	21.3	7.2	6.0	2.6	(Z)	8.6	.6	2.3	33.8	12.2	40,4
Particulates	7.3	1.3	1.1	2.1	.6	2.7	.3	.8	17.8	28.8	Jan.
Nitrogen oxides	20.0	8.9	7.1	10.2	6.8	.6	.1	.1	44.5	51.0	
Lead	21.0	14.5	.9	.5	.1	2.3	2.8	(Z)	69.0	2.4	

Source of tables 332 and 333: U.S. Environmental Protection Agency, National Air Pollutant Emission Estimates, 1940-19, January 1987.

Figure 6.2 Hazardous Waste Sites-June 1987



Represents final and proposed sites on National Priority List.

Source: U.S. Environmental Protection Agency, National Priorities List Fect Book.

### No. 334. Municipal Solid Waste Generation, Recovery, and Disposal: 1980 to 1984

(in millions of tons, except as indicated. Covers post-consumer residential and commercial solid westes which comprise the major portion of typical municipal collections. Excludes mining, agricultural and industrial processing, demotition and construction wastes, severge studys, and junked autos and obsolete equipment wastes. Based on material-flows estimating procedure and wat weight as generated.

ITEM AND MATERIAL	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Gross waste generated	82.3	98.3	118.3	122.7	130.4	133.3	138.0	140.7	139.1	140.9	137.8	144.1	148.1
Per person per day (lb.)	2.50	2.77	3.16	3.11	3.28	3.32	3.40	3.43	3.35	3.36	3.25	3.37	3.43
Materials recovered	5.9	6.2	8.0	9.1	10.8	11.6	11.8	13.0	13.4	13.2	12.9	13.9	15.1
Per person per day (lb.)	.18	.17	.21	.23	.27	.29	.29	.32	.32	.31	.30	.32	.35
Percent of gross discards recovered:	150			25		16	1	E	1	E		123	120
Paper and paperboard	18.0	15.0	16.9	19.2	19.8	20.7	19.9	20.9	21.9	20.6	20.6	20.7	20.8
Glass	1.5	1.2	1.2	2.7	3.4	3.5	3.3	4.0	5.0	5.0	5.2	5.9	7.2
Ferrous metals	.5	1.0	1.2	1.9	2.1	2.4	2.7	3.1	3.2	3.1	2.8	2.7	2.8
Aluminum	(NA)	(NA)	1.6	12.4	11.8	13.1	13.7	13.0	19.6	28.4	30.9	29.3	29.4
Processed for energy recovery	(NA)	.2	.4	.7	.9	1.4	1.5	2.3	2.7	2.3	3.5	5.0	6.5
Per person per day (lb.)	(NA)	.01	.01	.02	.02	.03	.04	.06	.06	.05	.08	.12	.15
Net waste disposed of	76.4	91.9	109.9	112.8	118.7	120.3	124.7	125.4	123.0	125.4	121.4	125.2	126.5
Per person per day (lb.)	2.32	2.59	2.94	2.86	2.98	2.99	3.07	3.05	2.96	2.99	2.86	2.92	2.93
		0.55	1.0	100		-	1			-		- 77	
Percent distribution of net discards:1		3.3	200	1	28	28	3.3	100		1.4		7.1	
Paper and paperboard	32.1	35.0	33.1	30.4	32.9	33.1	33.9	34.4	33.6	34.5	33.2	35.3	37.1
Glass	8.4	9.2	11.3	11.6	11.3	11.4	11.6	11.3	11.3	11.3	11.0	10.4	9.7
Metals	13.7	11.6	12.2	11.8	11.1	10.9	10.5	10.6	10.3	10.0	10.1	9.9	9.6
Plastics	.5	1.5	2.7	3.9	4.7	5.3	5.8	6,4	6.0	6.1	6.7	7.0	7.2
Rubber and leather	2.2	2.4	2.7	3.3	3.1	2.8	2.8	3.3	3.3	3.2	3.0	2.6	2.5
Textiles	2.6	2.4	2.0	2.2	2.1	2.0	2.2	2.3	2.3	2.4	2.4	2.3	2.1
Wood	3.9	3.8	3.6	3.8	3.8	3.9	3.7	2.6	3.9	3.5	4.0	4.0	3.8
Food wastes	14.6	13.1	11.5	11.8	11.0	10.6	10.0	9.6	9.2	8.9	8.8	8.5	8.1
Yard wastes	20.3	19.2	19.0	19.5	18.3	18.2	17.7	17.7	18.2	18.2	18.7	18.1	17.5
Other wastes	1.7	1.7	1.7	1.9	1.8	1.8	1.8	1.B	1.9	1.9	2.0	1.9	1.9

MA Not available. 1 Not discards after materials recovery and before energy recovery.

<sup>&</sup>lt;sup>1</sup>Includes eight in Puerto Rico; and one in Guam.

I Source: Frenklin Associates, Ltd., Prainte Village, KS, Characterization of Municipal Solid Waste in the United States, 1960 to village, 1960. Prepared for the U.S. Environmental Protection Agency.

NO. 335. POPULATION SERVED BY SEWER SYSTEMS, BY DEGREE OF TREATMENT: 1960 TO 1986 [In millions, except percent. 1960 and 1970 not strictly comparable with later years. includes Puerto Rico and outlying areas]

ITEM	1960	1970	1980	1986	ITEM	1960	1970	1980	1986
U.S. population	180	204	227	230	Degree of treatment:			197	29
Not served by sewers	70	59	68	58	No discharge	36	(NA)	134	6
Percent of population	39 110	145	30 159	27 172	Secondary	1 .	faces.	1 63	75 55
Not treated	70 40	59 86	157	170	Advanced secondary	1	(NA)	15	7

#### NA Not available.

Source: 1980 and 1970, U.S. Dept. of Commerce, "Market for Water and Waste Water Treatment Equipment," Journal, Water Pollution Control Federation, April 1979; 1980 and 1986, U.S. Environmental Protection Agency, Needs Survey, Assessment of Needed Publicly Owned Waterwater Treatment Facilities in the United States, biennial.

# NO. 336. SYNTHETIC ORGANIC PESTICIDES—PRODUCTION AND SALES: 1960 TO 1985 [Includes a small quantity of soil conditioners]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985
Production, total	MIL Ib Mil. Ib Mil. Ib	648 102 366	877 263 490	1,034 404 490	1,603 788 660	1,388 674 570	1,416 664 605	1,429 657 617	1,468 806 506	1,430 839 448	1,113 623 379	1,017 570 324	1,189 716 350	1,235 756 370
Fungicides	Mil. lb Mil. dol Mil. lb Mil. dol	179 307 <b>570</b>	124 577 <b>764</b> 497	140 1,058 881	155 2,900 1,317	143 3,116 1,263	147 3,342 1,300	155	156 4,269 1,406	143 5,136	111 4,331 1,147	123 3,993 1,017 4,054	123 5,056 1,108	5,360 1,022

<sup>&</sup>lt;sup>1</sup> Manufacturers unit value multiplied by production.

Source: U.S. Dept. of Agriculture, Agricultural Stabilization and Conservation Service, *The Pesticide Review*, 1978; and unpublished data. Based on data from U.S. International Trade Commission, Synthetic Organic Chemicals, annual.

#### No. 337. PESTICIDE RESIDUES IN HUMAN ADIPOSE TISSUE—CONCENTRATION LEVELS: 1970 TO 1963

[In parts per million (ppm). Data represent geometric means and are based on a sample of measurements of pesticide residues and associated chemicals found in human lissues collected by medical pathologists from selected cities in the conterminous 48 states as part of the National Human Adipose Tissue Survey)

PESTICIDE RESIDUES	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	198
Sample size	1,386	1,560	1.886	1,092	900	779	682	789	827	796	98	384	407
DDT	7.95	8.06	6.97	5.96	5.15	4.76	4.35	3.14	3.52	3.10	2.82	2.24	1.67
Dieldrin	.16	.22	.18	.17	.14	.12	.09	.09	.09	.08	.10	.05	.06
Oxychlordane	(NA)	(NA)	.10	.12	.12	-11	.11	.10	.11	.10	.12	.09	.09
Heptachlor Epoxide	.09	.09	.07	.09	.08	.08	.08	.07	.07	.07	.08	.09	.09
trans-Nonachlor	(NA)	(NA)	(NA)	(NA)	(NA)	.06	.13	.10	.12	.12	.14	.11	.12
beta-Benzene Hexachloride	.37	.35	.19	.25	.21	.19	.18	.14	.14	.15	.12	.09	.10
Hexachlorobenzene	(NA)	(NA)	(NA)	(NA)	.03	.04	.04	.04	.04	.04	.04	.04	.00

#### NA Not available

Source: U.S. Environmental Protection Agency, unpublished data from the Office of Toxic Substances.

### No. 338. THREATENED AND ENDANGERED WILDLIFE AND PLANT SPECIES-NUMBER: 1987

[As of March 31. Endangered species: One in danger of becoming extinct throughout all or a significant part of its natural range.

Threatened species: One likely to become endangered in the foreseable future]

ITEM	Mam- mals	Birds	Rep- tiles	Amphib- ians	Fishes	Sneils	Clams	Crusta- ceans	ineects	Plants
Endangered species. total U.S. only U.S. and foreign. Foreign only <sup>1</sup> Threstened species. total U.S. only U.S. and foreign. Foreign only <sup>1</sup>	26 20 242 27 5	218 61 18 141 5 3 2	74 8 6 80 27 10 4 13	13 5 - 8 3 3	54 39 4 11 28 22 6	4 3 - 1 5 - -	25 23 - 2 - -	44	88 65	10 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Represents zero.
 <sup>1</sup> Species outside U.S. and outlying areas as determined by Fish and Wildlife Service.
 Source: U.S. Fish and Wildlife Service, Endangered Species Technical Bulletin, April 1967, Vol. XII, No. 4.

# NO. 339. POLLUTION ABATEMENT AND CONTROL EXPENDITURES, 1975 TO 1985, AND BY MEDIA, 1985 (in millions of deliers, except percent. Excludes agricultural production of crops and livestock except feedlots)

	1271						1,00	1000		1985	prel.	
TYPE	1975	1978	1979	1980	1981	1982	1983	1984	Total 1	Air	Water	Solid waste
CURRENT DOLLARS Total expenditures	30,177	42,706	48,736	53,538	57,470	57,680	61,779	68,908	73,824	33,177	28,121	12,985
Percent Government Pollution abatement Personal consumption Business Government Federal State and local Govt. enterprise fixed capital Regulation and monitoring Research and development CONSTANT (1982) DOLLARS	17,602 7,576 432 1,752 5,392 653	40,109 4,787 24,922 10,399 472 2,212 7,716 949	5,428 29,088 11,377 548 2,461 8,368	50,491 6,589 32,283 11,620 494 2,778	54,343 8,152 35,545 10,647 506 3,053 7,088	8,318 35,610 10,571 550 3,274 6,747 1,397	58,060 9,771	10,814	11,886 44,640 13,613 1,114 4,305	3.0 31,191 11,886 18,857 448 110 328 355 1,631	27,304 18,396 8,908 639 403 7,866 524	3790
Total expenditures	53,513	62,077	63,312	62,046	60,317	57,680	60,007	64,700	67,279	31,298	25,144	11,349
Pollution abatement	5,901 31,502 13,005 1,103	7,370 36,631 14,342 1,325	7,085 38,346	7,164 37,885 13,372	8,200 37,543 11,209 1,480	8,318 35,610 10,571	9,731	10,610 39,441 11,261	11,380	11,380	16,707 7,724 451	7,542 3,519 196 92

<sup>-</sup> Represents zero. 

1 includes "other and unallocated" expenditures (such as for noise, radiation, and pesticide pollution and business expenditures not assigned to media) which may be either positive or negative; therefore, data may not add.

# No. 340. Air and Water Pollution Abatement Expenditures in Constant (1982) Dollars: 1975 to 1985

[In millions of dollars. See headnote, table 339]

				AIR						WATER		
		Mol	oile sourc	es 1	Sta	tionary so	ources		Ind	ustrial		c sewer
YEAR	Total		100			Ind	ustrial	Total 4			373	tome
		Total	,324 7,419 1,8	Trucks	Total *	Facili- ties	Oper- ations <sup>5</sup>		Facili- ties	Oper- ations <sup>9</sup>	Facili- ties	Oper- ations <sup>a</sup>
975 976 977 978 979 980 981 982 983 984 985, prel	20,768 21,692 22,755 23,774 24,462 24,744 25,850 24,961 26,367 28,577 29,522	9,324 10,129 11,047 11,877 11,757 11,764 13,401 13,464 15,581 17,547 18,696	7,419 7,910 8,527 8,928 8,469 8,818 10,564 10,530 12,274 13,480 14,220	1,904 2,219 2,520 2,949 3,288 2,946 2,837 2,934 3,307 4,067 4,476	11,444 11,563 11,708 11,900 12,706 12,980 12,448 11,496 10,785 11,030 10,826	6,669 6,113 5,767 5,652 5,969 5,946 5,446 5,086 4,104 4,115 3,929	4,348 4,907 5,371 5,711 6,108 6,304 6,299 5,675 5,990 6,260 6,342	22,840 24,445 24,652 26,631 26,470 24,647 21,984 21,199 21,543 23,277 24,431	4,200 4,625 4,415 4,277 4,013 3,725 3,259 3,080 2,811 2,900 2,941	2,950 3,375 3,706 3,934 4,222 4,081 4,180 4,022 4,509 4,795 5,042	8,997 9,370 9,409 10,090 9,758 8,942 6,882 6,148 5,551 6,387 6,711	3,428 3,713 4,055 4,392 4,583 4,694 4,880 5,156 5,476 5,646 5,946

<sup>&</sup>lt;sup>1</sup> Excludes expenditures to reduce emissions from sources other than cars and trucks. <sup>9</sup> Includes other expenditures not shown separately. <sup>9</sup> Operation of facilities. <sup>9</sup> Includes nonpoint sources not shown separately. <sup>9</sup> Includes expenditures for private connectors to sewer systems, by owners of animal feedbots, and by government enterprises.

## NO. 341. FEDERAL GRANTS-IN-AID TO STATE AND LOCAL GOVERNMENTS FOR POLLUTION ABATEMENT AND CONTROL: 1973 TO 1984

(in millions of dollars)

•	ACTIVITY	1973	1975	1979	1977	1978	1979	1980	1961	1982	1983	1984
77	CURRENT DOLLARS											
3	Pollution abstement and control Pollution abstement Regulation and monitoring Research and development	915.9 76.2	2,720.8 101.6			3,878.8	4,797.2					
_	CONSTANT (1982) DOLLARS 1	ł	1			1						
	Pollution absterment and control Pollution absterment	1,819.2 157.1	4,932.5 4,676.8 175.7 80.1	5,136.5	6,096.6 5,730.7 291.2 76.7	5,284.7	6,241.3 5,847.9 302.7 90.8	5,948.5 5,577.5 297.1 73.8	5,138.4 4,811.3 297.1 30.0	4,421.1 4,126.2 266.6 28.3	4,159.4 3,861.8 244.0 33.6	5,036.8 4,745.9 264.1 28.8

<sup>&</sup>lt;sup>1</sup> Estimates are derived using measures of price change of goods and services purchased by State and local governments for poliution abeternent and control.

Source of tables 339-341: U.S. Bureau of Economic Analysis, Survey of Current Business, May 1987.

No. 342. New Capital Business Expenditures for Pollution Abatement: 1975 to 1986

				POLL	UTION A	(bil. de		ENDITURI	ES		CAPIT	ENT OF AL OUTL JUSINES	AYS BY
SIC 1	SELECTED			100			1	985					
	(v) Neotern business total	1975	1980	1983	1984	Total	Air	Water	Solid waste	1986 F planned	1975	1980	1986
(x)	Nonfarm business, total	6.81	9.19	7.82	8.44	8.61	4.14	3.28	1.19	8.71	4.2	2.9	2.0
(x) 20 26 28 29 33 35	Manufacturing 4 Food, incl. beverage		5.35 .26 .46 .69 1.54 .94	4.26 .24 .37 .61 1.46 .52	4.53 .26 .54 .58 1.28 .68	5.13 .25 .58 .74 1.25 .89	2.39 .08 .32 .32 .50 .52	2.13 .14 .17 .32 .60 .31	.60 .03 .10 .11 .14	5.37 .26 .56 .97 1.37 .81	8.7 6.8 16.0 10.7 13.3 16.9	4.8 3.2 7.1 5.9 7.9 13.9	3.5 2.6 5.6 5.6 10.5
36 37 49	Machinery, except electri- cal Electrical machinery Transportation equipment. Public utilities	.09 .09 .15 1.56	.12 .22 .48 3.05	.13 .25 .28 3.04	.19 .18 .36 3.25	.15 .18 .55 2.87	.03 .06 .25 1.57	.09 .10 .23 .91	.03 .02 .06 .38	.18 .14 .49 2.70	1.9 2.9 2.7 7.7	1.1 2.3 3.2 8.1	1.3 1.0 2.6 5.0

X Not applicable. Standard Industrial Classification, see text, section 13. Expenditures plenned as of January and February 1986. Based on outlays reported in source; see also table 863. Includes industries not shown separately.

Source: U.S. Bureau of Economic Analysis, Survey of Current Business, February 1987 and unpublished data.

# NO. 343. POLLUTION ABATEMENT CAPITAL EXPENDITURES AND OPERATING COSTS OF MANUFACTURING ESTABLISHMENTS, 1980 TO 1985, AND BY SELECTED INDUSTRY GROUP, 1985

[In millions of dollars. Besed on probability sample of about 20,000 manufacturing establishments. Excludes apparel and other textile establishments and establishments with less than 20 employees. Data will not agree with those shown in table 342; see source for details]

			ITION ABA AL EXPEN			POLL	UTION ABA	TEMENT G	ROSS OPER	LATING
YEAR AND INDUSTRY GROUP				Solid	waste				Solid	waste
GROUP	Total	Air	Water	Hazard- ous	Non- hezard- ous	Total	Air	Water	Hezard- ous	Non- hezerd ous
1980	2.045.0	2,105.5 2,193.6 1,828.2 1,029.0 1,037.8	1,146.5 1,028.4 977.0 819.0 867.8	251 263 218 80.9 89.7	3.1	8,141.8 9,109.9 8,565.0 9,925.1 0,868.1	3,297.8 3,897.8 3,455.9 3,806.9 4,189.3	3,193.1 3,554.3 3,488.5 3,943.2 4,296.4	1.0	50.6 56.7 19.9 1,601
All industries, 1985 * Food Lumber and wood Paper Chemicals Petroleum. Stone, clay, glass Primary metal. Fabricated metals Machinery exc. electrical Electrical machinery Transportation equipment	155.1 34.5 332.4 738.1 290.4 61.9 252.9 116.9 69.0 137.7	1,292.3 66.0 15.2 190.9 194.0 175.0 44.4 142.9 40.4 21.2 45.4 254.5	1,017.9 77.4 6.3 108.0 271.5 88.4 9.9 64.3 59.7 35.1 74.1 165.1	326.2 2.4 2.2 4.0 233.2 20.3 1.1 13.4 9.5 5.0 13.1 14.2	172.9 9.3 10.7 31.5 39.3 6.6 6.4 12.2 7.2 7.7 5.1 22.7	1,677.9 832.1 139.1 1,120.8 2,540.0 2,063.0 408.1 343.6 408.1 343.6 4738.8	4,330.2 108.3 41.8 313.0 672.9 1,278.5 217.2 1,067.0 78.4 78.0 194.5	4,608.5 525.2 35.3 573.4 1,267.7 586.4 68.8 517.4 163.2 119.9 173.9 283.9	943.0 6.6 9.5 19.5 293.6 116.1 18.3 110.8 57.2 61.8 75.8	1,785 191 52 215 305 82 99 166 106 106

<sup>&</sup>lt;sup>1</sup> Includes payments to governmental units. 
<sup>8</sup> Includes industries not shown separately. Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-200, annual.

### NO. 344. TORNADOES, FLOODS, AND TROPICAL CYCLONES: 1956 TO 1985

[See also Historical Statistics, Colonial Times to 1970, series J 268-278]

ITEM	1956- 1965	1966- 1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Tornadoes, number i	6,572 924 44 191 557 2,721	8,030 1,172 58 428 1,528 10,225	835 44 5 46 187 1,000	852 43 22 46 212 1,393	788 53 16 59 125 1,000	852 84 42 73 103 4,000	866 28 5 92 97 1,500	783 24 5 55 90 1,000	1,046 64 10 92 155 3,500	931 34 3 95 200 4,100	907 122 16 125 126 4,000	684 94 18 69 168 3,000
Number reaching U.S. coast	33 14 692	25 13 504	2 1 9	1	35	5 3 11	1 2	2	1	2 1 22	1 4	

<sup>-</sup> Represents zero. <sup>1</sup> A violent, rotating column of air descending from a cumulonimbus cloud in the form of a table funnel-shaped cloud, usually characterized by movements along a narrow path and wind speeds from 100 to over 300 mile hour. Also known as a "twister" or "westerspout." <sup>2</sup> Tropical cyclones have maximum winds of 39 to 73 miles per hurricanes have maximum winds of 74 miles per hour or higher.

Source: U.S. National Oceanic and Atmospheric Administration, 1956–1960, Climatological Data: National Summary, monthly with annual summary; thereafter, Storm Data, monthly.

### No. 345. NORMAL DAILY MEAN TEMPERATURE—SELECTED CITIES

n Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, 1951 through 1930. See Historical Statistics, Colonial Times to 1970, series J 110-136 and J 164-267, for related data]

L	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annua avg.
	Mobile	50.8	53.6	60.1	68.0	74.9	80.5	82.2	81.8	78.2	68.5	58.6	53.1	67.
	Juneau	21 B	27.8	31.2	39.1	46.5	52.7	55.7	54.6	49.2	41.8	32.7	26.8	40.
J	Phoenix	52.3	56.1	60.6	68.0	77.0	86.5	92.3	89.9	84.6	73.4	60.6	53.3	71.
.]	Phoenix Little Rock Los Angeles Sacramento	39.9	44.1	52.2	62.4	70.5	78.5	82.1	81.0	74.3	63.1	60.6 51.2	43.2	61.
	Los Angeles	56.0	57.1	57.4	59.5	62.4	65.6	69.0	70.3	69.5	66.3	61.2	57.0	62
	Sacramento	45.3	50.3	53.2	58.2	64.9	71.2	75.6	74.7	71.7	63.9	53.0	45.6	60.
١			51.6	52.8	54.8	57.8	60.8	62.2	63.0	63.9	60.6	54.5	49.2	56.
J	Denver	29.5	33.6	38.0	47.4	57.2	67.0	73.3	71.4	62.6	51.9	38.7	32.6	50.
ď	Hartford	25.2	27.6	36.8	48.8	59.4	68.6	73.4	71.3	63.3	52.4	41.6	29.1	49.
1	Wilmington	31 2	33.2	41.8	52.4	62.2	71.2	76.0	74.8	67.9	56.3	45.6	35.5	54.
.,	Denver	35.2	37.5	45.8	56.7	66.0	74.5	78.9	77.6	71.1	59.3	48.7	38.9	57.
	Jacksonville		55.1	61.3 71.7	67.7	74.1	79.0	81.3	81.0	78.2	69.5	60.8	54.8 68.5	68.
	Miami	67.1	67.8	71.7	75.3	78.5	81.0	82.4	82.8	81.8	77.9	72.8	68.5	75.
d	Atlanta	41.9	44.9	52.5	61.8	69.3	75.8	78.6	78.2	73.0	62.2	52.0	44.5	61.
	Honolulu	72.6	72.9	74.4	75.7	77.5	79.1	80.1	81.0	80.6	79.5	76.6	74.0	77
J	Daisa	20.0	36.1	41.4	48.6	57.4	65.B	74.6	72.0	63.2	51.9	39.7	32.0	51.
J	Chicago	21.4	26.0	36.0	48.8	59.1	68.6	73.0	71.9	64.7	53.5	39.8	27.7	49.
٦	Peoria	21.5	26.8	37.3	51.3	61.6	71.2	75.0	73.1	65.6	53.9	39.8	27.8	50.
d	Indianapolis	26.0	29.9	40.0	52.4	62.5	71.6	75.1	73.2	66.6	54.8	41.8	31.5	52.
1	Chicago Peoria Indianapolis Des Moines	18.6	24.5	35.1	50.5	62.1	71.6	76.3	73.9	65.1	54.2	38.6	25.7	49.
J	Wichita	29.6	35.1	44.1	56.3	65.9	76.1	81.4	79.7	70.6	59,1	44,3	34,4	56.
9	Louisville	325	35.9	45.1	56.6	65.4	73.7	77.6	76.4	69.9	57.7	46.1	37.2	56.
	Louisville New Orleans	52.4	54.7	61.4	68.7	74.9	80.3	82.1	81.7	78.5	69.2	60.0	54.6	68.
J			23.0	32.1	42.8	52.8	62.2	68.1	66.6	58.6	48.4	38.4	25.8	45.0
4	Portland	22.7	34.7	43.3	54.0	63.4	72.2	76.8	75.6	68.9	56.9	46.3	36.5	
1			30.7	38.4	48.7	58.5			71.9	64.6	54.8			55.
d	Boston Detroit Sault Ste. Marie Duluth Minneapolis-St. Paul Jackson Kansas City St. Louis	29.0					68.0	73,5		64.6		45,2	33,7	
d	Court Che Maria	23.4	25.8	35.0	47.4	58.1	67.7	71.9	70.5	63.3	51.9	39.5	28,5	48.0
ı	Sault Ste. Marie	13.3	14.3	23.9	38.1	49.7	58.4	63.5	62.9	54.8	45.3	32.8	19.7	39.
-	Duluth	6.3	12.0	22.9	38.3	50.3	59.4	65.3	63.2	54.0	44.2	28.2	13.8	38.3
J	Minneapolis-St. Paul	11.2	17.5	29.2	46.0	58.5	68.1	73.1	70.6	60.6	49.6	33.2	19.2	44.
J	Jackson	45.7	49.1	56.3	65.1	72.5	79.2	81.9	81.2	76.4	65.0	54.9	48.6	64.6
J	Kansas City	25.9	32.1	41.5	54.8	64.6	73.6	78.5	76.7	68.4	57.5	43.1	31.9	54.1
1	St. Louis	28.8	33.8	43.2	56.1	65.6	74.8	78,9	77.0	69.7	57.9	44.6	34.2	55.4
-	Great Falls	18.7	26.7	31.4	42.7	65.6 53.2	74.8 61.9	69.3	67.5	57.4	47.9	34.0	25.7	44.
J	Omaha	20.2	27.2	37.3	52.2	63.3	73.0	77.7	75.2	65.8	54.5	39.5	27.2	51.
1	Reno	32.2	37.4	40.6	46.4	54.6	62.4	69.5	66.9	60.2	50.3	39.7	32.5	49
ij	Concord	19.0	22.2	32.1	44.1	55.2	64.7	69.5	67.3	59.1	48.2	37.3	24.5	45.
4	Reno Concord Atlantic City Albuquerque	31.0	33.2	41.0	51.0	60.5	69.2	74.4	73.0	66.6	55.5	45.6	35.8	53.
1	Albumorous	24.0		46.2			74.5	78.8		69.0	57.4		35.6	56.
Í	Albany	21.5	39.4		55.1	64.3			76.1			44.0		47.
9	Duffelo	21.1	23.4	33.6	46.6	57.5	66.7	71.4	69.2	61.2	50.5	39.3	26.5	
1	New York 1	23.5	24.5 33.4	33.0	45.4	56.1	66.0	70.7	68.9	62.1	51.5	40.3 47.2	28.8	47.
J	Albany Buffalo New York  Charlotte	31.6	33.4	41.4	52.4	62.5	71.4	76.7	75.4	68.3	57.7	47.2	36.2	54.
-	Charlotte	40.5	42.9	50.4	60.3	68.2	75.0	78.5	77.9	72.0	60.7	50.7	42.6	60.
J	naieign	39.0	41.6	49.3	59.5	67.2	73.9	77.7	77.0	71.0	59.7	50.0	42.0	59.
-	Bismarck	6.7	14.5	26.0	42.5	54.9	64.3	70.4	68.8	57.3	46.1	28.6	15.4	41.3
	Cincinnati	28.9	32.1	41.8	53.5	63.0	71.4	75.4	74.1	67.5	55.3	43.4	33.8	53.
1	Cleveland	25.5	27.4	36.6	48.1	58.2	67.6	71.6	70.4	64.1	53.2	41.8	31.1	49.
J			29.8	40.0	51.4	61.4	70.2	73.8	72.4	65.8	53.9	42.1	32.1	51.
J	Oklahoma City	35.9	40.8	49.1	60.2	68.4	77.0	82.1	81.1	73.3	62.3	48.8	39.9	59.
1	Portland	38.0	43.2	45.9	50.4	56.7	62.5	67.7	67.3	62.7	54.3	45.5	40.9	53.
1	Philadelphia	31.2	33.1	41.8	52.9	62.8	71.6	76.5	75.3	68.2	56.5	45.8	35.5	54.
1	Pittsburgh	26.7	28.8	38.5	50.1	59.7	68.1	72.0	70.6	64.1	52.5	41.6	31.4	50.
J	Oklahorna City Portland Philadelphia Pittsburgh Providence	20.7			47.0			72.0		69.1			32.3	50.
9	Cotymbia	20.2	29.3	37.4	47.9	57.6	66.8	72.5	71.1	63.5	53.2	43.4		
4	Columbia	44./	47.1	54.5	63.8	71.5	77.7	81.0	80.2	74.8	63.4	53.9	46.7	63.
ij	Sioux Falls	12.4 39.6	19.1	30.4	46.3	58.2	68.4	74.0	71.8	61.0	49.4	33.0	19.7	45.
w	Columbia Sioux Falls Memphis Nashville	39.6	43.5	51.7 49.0	62.6 59.6	71.0	78.7 75.8	82.1 79.4	80.6 78.4	74.2	62.9	51.3 48.6	43.3	61.6 59.5
1				F 4-3	1	300		100	100	100	100	100	1300	1 300
-	Dallas-Fort Worth	44.0	48.5	56,1 55,1	65.9	73.7	82.0	86.3 82.5	85.5	78.6	67.9 63.6	55.6	47.8	66. 63.
1	C F 850 ALGARDADA PRINCIPALITY	44.2											44.4 54.0	
J	Houston	51.4	54.5	61.0	68.7	74.9	80.6	83.1	82.6	78.4	69.7	60.1	54.0	68.
+	Salt Lake City	28.6	34.1	40.7	49.2	58.8	68.3	77.5	74.9	65.0	53.0	39.7	30.3	51.
-	Burlington	16.6	18.1	29.2	42.7	55.2	64.9	69.6	67.1	58.8	47.9	36.6	22.6	44.
4	Norfolk	39.9	41.1	48.5	58.2	66.4	74.3	78.4	77.7	72.2	61.3	51.9	43.5	59.
1	Norfolk Richmond Seattle-Tacoma	36.6	38.9	47.2 44.2	57.9 48.7	66.1 55.0	73.5	77.8	76.8	70.2	58.6	48.9	39.9	57.
J	Seattle-Tacoma	39.1	42.8	44.2	48.7	55.0	60.2	64.8	64.1	60.0	52.5	44.8	41.0	51.
1	Spokane	25.7	32.4	37.6	45.8	54.3	60.2	69.7	68.1	59.4	47.6	34.9	29.0	47
J	Seattle-Tacoma Spokane Charleston	32.9	35.6	44.8	55.3	63.9	71.0	74.5	73.7	67.6	55.9	45.3	36.9	54.
1	Milwaukee	18.7	23.0	32.1	44.6	54.8	64.9	70.5	69.3	61.9	50.9	37.3	25.1	46.
٦	Chevenne	26.1	29.3		41.8	52.2	62.0		66.8			34.8	29.3	45.
-	Cheyenne	20.1	29.3	32.1	41.8	52.2	62.0	68.9	8.00	57.9	47.5	34.8	28.3	45.
	San Juan	76.5	76.6	77.5	78.8	80.3	81.7	82.0	82.2	81.9	81.4	79.6	77.7	79.7

My office data.

urce: U.S. National Oceanic and Atmospheric Administration, Climetography of the United States, No. 81, Sept. 1982.

## Geography and Environment

### NO. 346. NORMAL DAILY MAXIMUM TEMPERATURE—SELECTED CITIES

[In Fahrenhelt degrees, Airport data except as noted. Based on standard 30-year period, 1951 through 1980]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann
AL	Mobile	60.6	63.9	70.3	78.3	840	90.2	91.2	90.7	87.0	79.4	69.3	63.1	7
	Juneau	00.0	03.9			84.9	60.2					37.5	31.5	1 2
AK	Juneau	27.4	33.7	37.4	46.8	54.7	61.1	64.0	62.6	55.9	47.0			1 3
AZ	Phoenix	65.2	69.7	74.5	83.1	92.4	102.3	105.0	102.3	98.2	87.7	74.3	66.4	1
AR	Little Rock	49.8	54.5	63.2	73.8	81.7	89.5	92.7	92.3	85.6	75.8	62.4	53.2	1
CA	Los Angeles	64.6	65.5	65.1	66.7	69.1	72.0	75.3	76.5	76.4	74.0	70.3	66.1	1
-	Sacramento	52.6	59.4	64.1	71.0	79.7	87.4	93.3	91.7	87.6	77.7	63.2	53.2	1 7
-	San Francisco	55.5	59.0	60.6	63.0	66.3	69.6	71.0	71.8	73.4	70.0	62.7	56.3	
CT	Denver	43 1	46.9	51.2	61.0	70.7	81.6	88.0	85.8	77.5	66.8	52.4	46.1	1 7
CT	Hartford	22.6	36.3	45.5	60.0	71.4	80.1	84.8	82.6	74.8	63.9	50.6	37.3	1
DE	Wilmington	39.2										E4.0	43.6	1 2
DC	Wilmington Washington	39.2	41.8	50.9	63.0	72.7	81.2	85.6	84.1	77.8	66.7	54.8		1
-	And the second s		45.9	55.0	67.1	75.9	84.0	87.9	86.4	80.1	68,9	57.4	46.6	
FL	Jacksonville	64.6	66.8	73.3	79.7	85.2	88.9	90.7	90.2	86.9	79.7	72.4	66.3	7
o	Miami	75.0	75.8	79.3	82.4	85.1	87.3	88.7	89.2	87.8	84.2	79.8	76.2	1
3A	Atlanta	51.2	55.3	63.2	73.2	79.8	85.6	87.9	87.6	82.3	72.9	62.6	54.1	1 7
HI	Honolulu	79.9	80.4	81.4	82.7	84.8	86.2	87.1	88.3	88.2	86.7	83.9	81.4	
D	Roise	37.1	44.3	51.8	60.8	70.8	79.8	90.6	87.3	77.6	64.6	49.0	39.3	1 7
	Chicago	20.0	99.0			70.0	79.4	83.3	82.1	75.5	64.1	48.2	35.0	6
L	Chicago	29.2	33.9	44.3	58.8									1 5
	Peoria	29.7	35.2	46.5	61.9	72.5	82.1	85.5	83.4	76.7	64.8	48.5	35.4	
N	PeoriaIndianapolis	34.2	38.5	49.3	63.1	73.4	82.3	85.2	83.7	77.9	66.1	50.8	39.2	
Α	Des Moines	27.0	33.2	44.2	61.0	72.6	81.8	86.2	84.0	75.7	65.0	47.6	33.7	6
KS	Wichita	39.8	46.1	55.8	68.1	77.1	87.4	92.9	91.5	82.0	71.2	55.1	44.6	
KY	Louisville	40.8	45.0	54.9	67.5	76.2	84.0	87.6	86.7	80.6	69.2	55.5	45.4	1 6
LA	New Orleans	61.8	64.6	71.2	78.6	84.5	89.5	90.7	90.2	86.8	79.4	70.1	64.4	7
ME	Portland	31.0	33.1	40.5	52.5	63.4	72.8	78.9	77.5	69.6	59.0	47.1	34.9	5
MD	Raltimore	41.0	43.7	53.1	65.1	74.2	82.9	87.1	85.5	79.1	67.7	55.9	45.1	
	Dadino	20.0	93.7	46.0	50.1	67.0	76.6	01.1			82.5	50.9	40.1	1 9
MA	Boston	36.4	37.7	45.0	56.6	67.0	76.6	81.8	79.8	72.3	62.5	51.6	40.3	5 5
MI	Detroit	30.6	33.5	43.4	57.7	69.4	79.0	83.1	81.5	74.4	62.5	47.6	35.4	5
-	Sault Ste. Marie	21.2	23.1	32.3	47.1	61.0	70.1	75.1	73.4	64.2	53.6	39.0	26.6	4
MN	Duluth	15.5	21.7	31.9	47.6	61.3	70.5	76.4	73.6	63.6	53.0	35.2	21.8	4
	Minneapolis St Paul	100	26.4	37.5	56.0	69.4	78.5	83.4	80.9	71.0	59.7	41.1	26.7	
MS	Minneapolis-St. Paul Jackson	56.5	60.9	68.4	77.3	84.1	90.5	92.5	92.1	87.6	78.6		60.0	5 7
MO	Variable Ch.	30.5			77.3					70.0		67.5	00,0	1 4
MO	Kansas City	34.5	41.1	51.3	65.1	74.6	83.3	88.5	86.8	78.6	67.9	52.1	40.1	6
201	St. Louis	37.6	43.1	53.4	67.1	76.4	85.2	89.0	87.4	80.7	69.1	54.0	42.6	1 6
MT	Great Falls	28.2	36.5	41.7	54.0	65.3	74.3	B4.2	82.0	70.5	59.5	43.5	34.7	5
NE	Omaha	30.2	37.3	47.7	64.0	74.7	84.2	88.5	86.2	77.5	67.0	50.3	36.9	6
NV	Reno	44.8	51.1	55.8	63.3	72.3	81.8	91.3	88.7	81.4	70.0	55.6	46.2	6
NH	Concord	30.8	33.2	41.9	56.5	68.9	77.7	82.6	80.1	71.9	61.0	47.2	34.4	5
NJ	Atlantic City		42.4	50.3	61.6	71.0	79.6	84.0	82.5	76.7	66.1	55.4	45.0	l ĕ
	Albumunomus	47.0	52.9	60.7			90.6	92.8	89.4					6
NM	Albuquerque	97.2	02.9		70.6	79.9				83.0	71.7	57.2	48.0	
NY	Albany	30.2	32.7	42.5	57.6	69.5	78.3	83.2	80.7	72.8	61.5	47.8	34.6	1 5
7			31.4	40.4	54.4	65.9	75.6	80.2	78.2	71.4	60.2	47.0	35.0	5
	New York 1	38.0	40.1	48.6	61.1	71.5	80.1	85.3	83.7	76.4	65.6	53.6	42.1	6
NC	Charlotte	50.3	53.6	61.6	72.1	79.1	85.2	88.3	87.6	81.7	71.7	61.7	52.6	1 7
	Raleigh	50.1	52.8	61.0	72.3	79.0	85.2	88.2	87.1	81.6	71.6	61.8	52.7	l ż
ND	New York¹ Charlotte Raleigh Bismarck	17.5	25.2	36.4	54.2	67.7	76.8	84.4	83.3	71.4	59.3	39.4	25.9	5 6 7 7 5
231			6.E	100	100	MEC S	1	100	100	20.0	1	300	1	
OH	Cincinnati	37.3	41.2	51.5	64.5	74.2	82.3	85.8	84.8	78.7	66.7	52.6	41.9	6
			34.8	44.8	57.9	68.5	78.0	81.7	80.3	74.2	62.7	49.3	37.5	6 7
700	Columbus	32.5 34.7	38.1	49.3	62.3	72.6	81.3	B4.4	83.0	76.9	65.0	50.7	39.4	6
OK	Oklahoma City	46.6	52.2	61.0	71.7	79.0	87.6	93.5	92.8	84.7	74.3	59.9	50.7	1 3
OR	Columbus Oklahoma City Portland Philadelphia Pittsburgh	44.0	50.4				72.7			74.7	63.9	52.3	46.4	1 4
OR	Philadelphia	44.3		54.5	60.2	66.9		79.5	78.6	74.2				1 5
PA	Philadelphia	38.6	41.1	50.5	63.2	73.0	81.7	86.1	84.6	77.8	66.5	54.5	43.0	
	Pittsburgh	34.1	36.8	47.6	60.7	70.8	79.1	82.7	81.1	74.8	62.9	49.8	38.4	1 5
RI	Providence	36.4	37.7	45.5	57.5	67.6	76.6	81.7	80.3	73.1	63.2	51.9	40.5	5
SC	Columbia	56.2	59.5	67.1	77.0	83.8	89.2	91.9	91.0	85.5	76.5	67.1	58.8	6 5 7
SD	Providence Columbia Sioux Falls	22.0	29.3	40.1	58.1	70.5	80.3	86.2	83.9	73.5	62.1	43.7	29.3	1 6
TN	Mamphie	40.0	53.0	61.4	72.9	81.0	88.4	91.5	90.3	84.3	74.5	61.4	52.3	5
· · ·	Memphis	46.3	50.7	59.6	71.2	79.2	86.7	89.8	89.0	83.2	72.3	59.2	50.4	é
-			1870	-2.7	1000	100	1.3	1.1.0	500	100	Jan V	100	0.0	
TX	Dallas-Fort Worth	54.0	59.1	67.2	76.8	B4.4	93.2	97.8	97.3	89.7	79.5	66.2	58.1	7
	El Paso	57.9	62.7	69.6	78.7	87.1	95.9	95.3	93.0	87.5	78.5	65.7	58.2	7
Com.	Houston	61 0	65.7	72.1	79.0	85.1	90.9	93.6	93.1	88.7	81.9	71.6	65.2	1 7
UT	Salt Lake City	37 4	43.7	51.5	61.1	72.4	83.3	93.2	90.0	80.0	66.7	50.2	38.9	
VT	Burlington	25.4	27.3	37.7	52.6	66.4	75.9	80.5	77.6	68.8	57.0	43.6	30.3	
VA	Burlington Norfolk Richmond	48.1	49.9	57.5	68.2	75.7	83.2	86.9	85.7	80.2	69.8	60.8	51.9	
*********	Dichmond	46.7	40.0				04.6						50.0	1 3
	nicilifiona	40.7	49.6	58.5	70.6	77.9	84.6	88.4	87.1	81.0	70.5	60.5	50.2	
WA	Seattle-Tacoma	43.9	48.8	51.1	56.8	64.0	69.2	75.2	73.9	68.7	59.5	50.3	45.6	
3-1	Spokane	31.3	39.0	46.2	56.7	66.1	74.0	84.0	81.7	72.4	58.3	41.4	34.2	1 6
WV	Charleston	41.8	45.4	55.4	67.3	76.0	82.5	85.2	84.2	78.7	67.7	55.6	45.9	
WI	Milwaukee	26.0	30.1	39.2	53.5	64.8	75.0	79.8	78.4	71.2	59.9	44.7	32.0	1 7
WY	Chevenne	27.0		43.6	54.0	64.8 64.6	75.4	03.0					40.4	5
an I more	Seattle-Tacoma Spokane Charleston Milwaukee Cheyenne	37.3	40.7	43.0	54.0	04.6	/5.4	83.1	80.8	72.1	61.0	46.5	40.4	۰

<sup>&</sup>lt;sup>1</sup> City office data.

Source: U.S. National Oceanic and Atmospheric Administration, Climatography of the United States, No. 81, Sept. 1981

### No. 347. NORMAL DAILY MINIMUM TEMPERATURE—SELECTED CITIES

[In Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, 1951 through 1980]

E	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
	Mobile	40.9	43.2	49.8	57.7	64.8	70.8	73.2	72.9	69.3	57.5	47.9	42.9	57.6
	Juneau	16.1	21.9	25.0	31.3	38.1	44.2	47.4	46.6	42.3	36.5	28.0	22.1	57.6 33.3
	Phoenix	39.4	42.5	46.7	53.0	61.5	70.6	79.5	77.5	70.9	59.1	46.9	40.2	57.3
	Little Bock	29.9	33.6	41.2	50.9	59.2	67.5	71.4	69.6	63.0	50.4	40.0	33.2	50.8
	Los Angeles	47.3	48.6	49.7	52.2	55.7	59.1	62.6	64.0	62.5	58.5	52.1	47.8	55.0
٦	Sacramento	37.9	41.2	42.4	45.3	50.1	55.1	57.9	57.6	55.8	50.0	42.B	37.9	47.8
н	San Francisco	41.5	44.1	44.9	46.6	49.3	52.0	53.3	54.2	54.3	51.2	46.3	42.2	48.
J	Denver	15.9	20.2	24.7	33.7	43.6	52.4	58.7	57.0	47.7	36.9	25.1	18.9	36.
	Hartford	16.7	18.8	28.0	37.6	47.3	57.0	61.9	60.0	51.7	40.9	32.5	20.9	39.
	Wilmington	23.2	24.6	32.6	41.8	51.7	61.2	66.3	65.4	58.0	45.9	36.4	27.3	44.
**	Juneau Phoenix Little Rock Los Angeles Sacramento San Francisco Denver Hartford Wilmington Washington	27.5	29.0	36.6	46.2	56.1	65.0	69.9	68.7	62.0	49.7	39.9	31.2	48.
	Vastrington  Jacksorville Miami Attanta Honolutu Boise Chicago Peorla Indianapolis Des Moines Wichita Louisville	41.7	43.3	49.3	55.7	63.0	69.1	71.8	71.8	69.4	59.2	49.2	43.2	57.
4	Miami	59.2	59.7	64.1	68.2	71.9	74.6	76.2	76.5	75.7	71.6	65.8	60.8	68.
-4	Atlanta	32.6	34.5	41.7	50.4	58.7	65.9	69.2	68.7	63.6	51.4	41.3	34.8	51.
-	Honolulu	65.3	65.3	67.3	68.7	70.2	71.9	73.1	73.6	72.9	72.2	69.2	66.5	69.
-	Boise	22.6	27.9	30.9	36.4	44.0	51.8	58.5	56.7	48.7	39.1	30.5	24.6	39.
-	Chicago	13.6	18.1	27.6	38.8	48.1	57.7	62.7	61.7	53.9	42.9	31.4	20.3	39.
1	Peoria	13.3	18.4	28.1	40.6	50.6	60.2	64.6	62.7	54.5	42.9	30.9	20.2	40.
J	Indianapolis	17.8	21.1	30.7	41.7	51.5	60.9	64.9	62.7	55.3	43.4	32.8	23.7	42.
4	Des Moines	10.1	15.8	26.0	39.9	51.6	61.4	66.3	63.7	54.4	43.3	29.5	17.6	40.0
	Wichita	19.4	24.1	32.4	44.5	54.6	64.7	69.8	67.9	59.2	46.9	33.5	24.2	45.
	Louisville	24.1	26.8	35.2	45.6	54.6	63.3	67.5	66.1	59.1	46.2	36.6	28.9	46.
-	Louisville New Orleans		44.8	51.6	58.8	65.3	70.9	73.5	73.1	70.1	59.0	49.9	44.8	58.7
	Portland Baltimore	11.9	12.9	23.7	33.0	42.1	51.4	57.3	55.8	47.7	37.9	29.6	16.7	35.0
J	Baltimore	24.3	25.7	33.4	42.9	52.5	61.5	66.5	65.7	58.6	46.1	36.6	27.9	45.
J			23.7	31.8	40.B	50.0	59.3	65.1	63.9	56.9	47.1	38.7	27.1	43.9
4	Detroit	16.1	18.0	26.5	36.9	46.7	56.3	60.7	59.4	52.2	41.2	31.4	21.6	38.9
1	Sault Ste. Marie	5.4	5.3	15.4	29.0	38.3	46.7	51.9	52.4	45.3	36.9	26.4	12.7	30.5
J	Duluth	-2.9	2.2	13.9	28.9	39.3	48.2	54.3	52.8	44.3	35.4	21.2	5.8	28.6
1	Minneapolis-St. Paul	2.4	8.5	20.8	36.0	47.6	57.7	62.7	60.3	50.2	39.4	25.3	11.7	35.2
_1	Jackson	34.9	37.2	44.2	52.9	60.8	67.9	71.3	70.2	65.1	51.4	42.3	37.1	52.9
	Kansas City	17.2	23.0	31.7	44.4	54.6	63.8	68.5	66.5	58.1	47.0	34.0	23.7	44.4
	St. Louis	19.9	24.5	33.0	45.1	54.7	64.3	68.8	66.6	58.6	46.7	35.1	25.7	45.3
-	Boston Detroit Sault Ste. Marie Dulluth Minneapolis-St. Paul Jackson Kansas City St. Louis Great Falls	9.2	16.8	21.1	31.3	41.1	49.4	54.4	53.0	44.2	36.2	24.5	16.6	33.2
			17.1	26.9	40.3	51.8	61.7	66.8	64.2	54.0	42.0	28.6	17.4	40.1
	Reno	19.5	23.5	25.4	29.4	36.9	43.0	47.7	45.2	38.9	30.5	23.8	18.9	31.9
	Concord	9.0	11.0	22.2	31.6	41.4	51.6	56.4	54.5	45.2	35.5	27.3	14.5	33.4
	Atlantic City	22.9	23.9	31.6	40.4	49.9	58.8	64.8	63.5	56.4	44.8	35.8	26.6	43.
	Albuquerque	223	25.9	31.7	39.5	48.6	58.4	64.7	62.8	54.9	43.1	30.7	23.2	42.
	Albany	11.9	14.0	24.6	35.5	45.4	55.0	59.6	57.6	49.6	39.4	30.8	18.2	36.
7	Buffalo	17.0	17.5	25.6	36.3	46.3	56.4	61.2	59.6	52.7	42.7	33.6	22.5	39.
-1	New York 1	25.6	26.6	34.1	43.8	53.3	62.7	68.2	67.1	60.1	49.9	40.8	30.3	46.9
	Charlotte	30.7	32.1	39.1	48.4	57.2	64.7	68.7	68.2	62.3	49.6	39.7	32.6	49.4
eria.	Baleigh	20.7	30.3	37.7	46.5	55.3	62.6	67.1	66.8	60.4	47.7	38.1	31.2	47.
	Omana Reno Concord Atlantic City Atlantic City Albuquerque Albuary Buffalo New York ' Charlotte Raleigh Bismarck	-4.2	3.7	15.6	30.8	42.0	51.8	56.4	54.2	43.2	32.8	17.7	4.8	29.1
	March 1997 Control of the Control of		23.0	32.0	42.4	51.7	60.5	64.9	63.3	56.3	43.9	34.1	25.7	43.2
	Cleveland	18.5	19.9	28.4	38.3	47.9	57.2	61.4	60.5	54.0	43.6	34.3	24.6	40.7
_	Columbus	19.4	21.5	30.6	40.5	50.2	59.0	63.2	61.7	54.6	42.8	33.5	24.7	41.8
	Oklahoma City	25.2	29.4	37.1	48.6	57.7	66.3	70.6	69.4	61.9	50.2	37.6	29.1	48.6
	Portland	33.5	36.0	37.4	40.6	46.4	52.2	55.8	55.8	51.1	44.6	38.6	35.4	44.0
	Philadelphia	23.8	25.0	33.1	42.6	52.5	61.5	66.8	66.0	58.6	46.5	37.1	28.0	45.
-	Pittsburgh	19.2	20.7	29.4	39.4	48.5	57.1	61.3	60.1	53.3	42.1	33.3	24.3	40.3
J	Providence	20.0	20.9	29.2	38.3	47.6	57.0	63.3	61.9	53.8	43.1	34.8	24.1	41.2
THE R	Columbia	32.2	34.6	41.9	50.5	59.1	66.1	70.1	69.4	63.9	50.3	40.6	34.7	51.2
rest	Cincinnati. Cleveland Columbus Oklahoma City Portland. Philadelphia Pittsburgh Providence Columbia Sioux Falls. Memphis	33.2	8.9								36.7		10.1	33.9
wir	Mamphie	30.9	34.1	20.6	34.6 52.2	45.7 60.9	56.3 68.9	61.8 72.6	59.7 70.8	48.5 64.1	51.3	22.3	24.2	51.5
	Memphis	27.8	30,1	38.3	48.1	56.9	64.8	69.0	67.8	61.3	48.0	38.0	34.3	48.5
	Dallas-Fort Worth	33.9	37.8	44.9	55.0	62.9	70.8	74.7	73.7	67.5	56.3	44.9	37.4	55.0
-11	El Paso	30.4	34.1	40.5	48.5	56.6	65.7	69.6	67.5	60.6	48.7	37.0	30.6	49.2
J	Houston	40.8	43.2	49.8	58.3	64.7	70.2	72.5	72.1	68.1	57.5	48.6	42.7	57.
	Houston	19.7	24.4	29.9	37.2	45.2	53.3	61.8	59.7	50.0	39.3	29.2	21.6	39.
***		19.7	8.8	20.8	32.7	44.0	54.0	58.6	56.6	48.7	38.7	29.6	14.9	34.
-	Nortolk	31.7	32.3	39.4	48.1	57.2	65.3	69.9	69.6		52.8	43.0	35.0	50.
-10	Dichmond	26.5	28.1	35.8			62.2	67.0	09.0	64.2 59.3	46.7		29.6	46.5
	Seattle Taccase	20.5			45.1	54.2		67.2	66.4			37.3		
-	Seattle-Tacoma	34.3	36.8	37.2	40.5	46.0	51.1	54.3	54.3	51.2	45.3	39.3	36.3	43.
1	Norfolk Richmond Seattle-Tacoma Spokane Charleston	20.0	25.7	29.0	34.9	42.5	49.3	55.3	54.3	46.5	36.7	28.5	23.7	37.
Leta	Charleston	23.9	25.8	34.1	43,3	51.8	59.4	63.8	63 1	56.4	44.0	35.0	27.8	44.
-	Milwaukee	14.8	15.8	24.9	35.6 29.6	39.7	54.7 48.5	61.1 54.6	60.2 52.8	52.5 43.7	34.0	29.9	18.2	37.6
-			70.0	70.8	72.3	73.9	75.3	76.1	76.1	75.5	74.9	100	1.50	73.4
	San Juan											73.4	71.8	

Dity office data.

xurce: U.S. National Oceanic and Atmospheric Administration, Climatography of the United States, No. 81, Sept. 1982.

## Geography and Environment

### No. 348. HIGHEST TEMPERATURE OF RECORD—SELECTED CITIES [In Fahrenhelt degrees. Airport data unless otherwise noted. For period of record through 1985]

TATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1
	Mobile	45	84	82	90 59 95 91	92	100	102	104	102	99	93	87	81	Γ
K	Juneau 1	42	84 57	55 89 84 92 76 78 76 73 78	59	71	82	86	90	83	99 72	61	56 93 86	54	1
Z	Phoenix	49	88	80	95	104	113	117	118	116	118	107	03	88	1
R	Little Deek	45	83	84	01	02	90	104	109	108	106	97	86	80	1
A	Los Angeles Sacramento San Francisco. Denver	40	00	04	91	92	98 97	104	109	100	100	100	90	80	1
A	Los Angeles	51 36 59 52 32 39	88 70 72 73 65 75	92	93 86 85 84 87	95	97	104	97	98 108	110	106	101	94	ı
	Sacramento	36	70	76	86	92	105 97 96 97	115 106	114	108	108	101	87 85 79	72	ı
/	San Francisco	59	72	78	85	92	97	106	104	98	103	97	85	75	1
J	Denver	52	73	76	84	85	96	104	104	101	97 99	97 88 91 91	79	75	ı
	Hartford	32	65	73	87	96	97	100	102	101	99	91	81	74	ı
	Wilmington	39	75	78	86	94	95	99	102	101	100	91	85	74	1
	Wilmington	45	79	82	89	92 95 92 92 85 96 94 95	95 97	104 100 99 101	104 104 102 102 103	101	100	94	86	54 88 80 94 72 75 75 74 74 75	ı
		1	1.5	100			1175	100	11/20		113.0	1 5		100	ı
	Jacksonville	45	85	88	91 92 85	95	100	103	105	102	100 95 98	96	88	84 87	ı
	Miami	44 38 17	88 79 87	80	99	96 91 89	04	98	98 105	98 102	95	95	80	87	ı
	Atlanta	99	70	70	95	01	06	101	105	100	00	05	04	77	ı
	Uses A.	47	07	70	88	91	90	91	100	93	93	90	89 84 90 73 78 81	77 89 65 71 71	1
	Honolulu	1/	67	00	00	99	90	91	92	93	93	94	90	99	1
	Boise	47 28	63	69	81	92 91	96	109	111	110	102	91	/3	65	1
******	Chicago	28	61	71	88	91	93	99	102	99	99	91	78	71	ı
	Peoria	47	68	72	86	92	92	100	103	102	100	90	81	71	ı
	Peoria	47 47 47	71	74	86 85	89	93	109 99 100 102	103 104 105	99 102 100 108	99 100 100	90	81	74	ı
*******	Des Moines	47	62	73	91	93	98	101	105	108	101	95	76	69	1
		34	75	84	80	96	100	110	119	110	105	95	Q.S.	83	1
-	Louisville	20	71 62 75 77	77	96	91	95	102	105	110	104	93	84	74 69 83 76	1
	New Orleans	34 39 40	83	89 79 88 69 71 72 74 73 84 77 85	89 86 89	92 89 93 96 91 91	94 95 90 98 93 92 93 98 100 95 96	100	113 105 101	102	105 104 101	96 95 95 94 91 90 90 95 95 92	81 76 85 84 87	84	1
	New Orleans	40	63	85	99	91	90	100	101	102	101	82	8/	84	1
	Darthand	100			-	-	-	-	-			-		-	ı
	Portland	46	64	64	86	85	92	97	99	103	95	88	74	69	1
)	Baltimore	36	75	79	87	94	98	100	102	105	100	92	83	77	ı
	Boston	35	63	70	87 81	94	95	100	102	105 102	95 100 100	90	77	73	1
	Datroit	46 36 35 27	64 75 63 62	64 79 70 65 47 55 60 84 76 85 68	77 75 78 83 89 82	85 94 89 83 88 95 92 90 92 89	92 98 95 92 89 90 96 99 92 92 93	100 100 99 93	102 102 102	97	98	88 92 90 91 80 86 89 92 92 94	74 83 77 77 66 70 75 88 82 82 76	77 73 68 60 55 63 84 70 76	ı
-	Sault Ste. Marie Duluth	46 45 48 23 14 29	45	47	75	83	89	93	97	98	95 98 104 98 104 98	80	66	60	1
l	Duluth	45	52	55	78	88	90	93	97	97 102	95	86	70	55	ı
*******	Minospoolis St. David	40	40	80	92	00	90	102	104	100	90	90	76	63	1
	Milli leapoils-St. Faul	40	40	00	03	90	90	102	104	102	90	09	/0	03	1
	Jackson	23	82	84	89	92	99	103	106	102	104	92	88	84	1
)	Kansas City	14	68	76	82	90	92	105	107	109	98	92	82	70	1
1	St. Louis	29	48 82 68 76	85	89 78	92	92	98	107	107	104	94	82	76	ı
	Great Falls	49	62	68	78	89	93	103 105 98 99	107 107 105	106	98	91	76	69	ı
		10 63	100	1	11/2/17	113.71	16.9	1.00	100	(33)	100		10.0	1	ı
	Omaha	50	69	78 75 66 75 75 67 65 75 81	89	93	99	105	114	110	104	96 91	80	72 70 68 75 72 71 74 72	1
	Reno	45	70	75	83	89	96	101	104 102	105	101	91	77	70	1
	Concord	45	60	66	85	95	97	00	102	101	90	90	en	80	ı
*********	Atlantic City	40	70	75	97	0.4	00	100	102	102	00	90	00	76	1
1	Auariuc Oity	43	/0	/5	87 85	94	99	100	104	102	99	90	04	/5	T
	Atlantic City	43 47 40 43	69	/5	85	95 94 89 92	98	98 106 105 99 95	104 105 100	101	96 99 100 100	91	111	72	ı
*******		40	62	67	86	92	94	99	100	99	100	89	82	71	ı
33	Buffalo New York <sup>2</sup> Charlotte	43	72	65	81	88	90	95	94 106	99	96	87	80	74	ı
	New York 2	118	72	75	86	96	99	101	106	104	102	94	84	72	1
	Charlotte	47	78	81	90	93	100	103	103	103	104	98	85	77	1
	Raleigh	42	70	84	86 90 92	95	97	104	103 105	101	104	96	80	77 79	1
	Bismarck	47 42 47	69 70 68 78 69 62 72 72 78 79 62	84 68	81	88 96 93 95 93	99 96 97 99 98 94 90 99 100 97	104	109	109	105	90 90 91 89 87 94 98 98	80 77 80 84 77 82 80 84 85 88 75	65	1
	Olbitial Ck	4/	02	00	01	93	90	100	109	109	105	80	/5	00	1
	Cincinnati	0.0	69			89			101	102					1
	Cincinnati	25	69	/3	84 83		93	97	101	102	98	88	80	/5	1
	Cleveland	45	73	69	83	88	92	101	103	102	101	90	82	77	1
	Columbus	47	73 74 80	73	85	89 100	94	102 105	100	101	100	90	80	76	1
	Columbus Oklahoma City Portland	25 45 47 33 46 45 34 33 39	80	84	85 93 80	100	93 92 94 104 100 96 91	105	103 100 109	110	102	88 90 90 96 90 96 87	80 82 80 87 73 81 82	86	ı
	Portland	46	62 74 69	70	80	87	100	100	107 104 99 100	107	101	90	73	64	ı
Garage 1	Philadelphia	45	74	74	87	94	06	100	104	101	100	06	81	72	ı
	Pittsburgh	24	60	60	87 82	80	91	100 96 96 107	90	97	100 97	87	82	74	1
	Providence	34	66	70	70	00	94	90	100	104	100	86	70	70	1
	Columbia	33	00	12	78 91	96	94	90	100			80	/8	70	1
	Providence Columbia Sioux Falls	39	84 66	73 69 73 84 70 74 69 72 84 70	91	94	101	107	107	107	101	101	78 90 76	83	ı
	SIOUX Falls	41 45	66	70	87	94 88 98 94 94 91	100	101	108	108	104	94 95 94	76	75 77 76 86 64 72 74 70 83 61 81	1
	Memphis	45	78	B1	85	91	99	104	108	105	103	95	85	81	1
	Nashville	47	78	84	86	90	97	106	107	104	105	94	84	79	1
	CALL OF LIVE	1 199			100	167	(-)		630	1455	150	1 75	100	15.3	1
*******	Dallas-Fort Worth	33	88 80	88	96	95	103	113	110	108	106	102	89	88	1
-		47	80	83	88	98	104	111	112	108	104	96	87	80	1
	Houston	47 17	84	83 91	90	98 92	05	103	104	108	104 102	0.4	87 89	83	1
	Call Lake Cibe	58	60	69	88 90 78	92	90	103	112 104 107	10/	102	94	75	63	ı
	Houston Salt Lake City Burlington Norfolk Richmond	58	84 62 63	99	78	85 91	104 95 93 93	104	107	104	100 94 99 103	96 94 89 85	75 75 86 86 74	6/	ı
	Burlington	43 38 57	63	62	84	91	93	96		101	94	85	75	65	1
	Norfolk	38	78	81	88 93 72	97	97 100 93 96 93	101	103	104	99	95 99	86	80	1
	Richmond	57	80	83 70	93	96	100	104	105	102	103	99	86	80	1
	Seattle	49	64	70	72	85	93	96	98	90	94	82	74	63	1
		20	50	81	71	90	00	100	100	99 108	00	06	67	66	ı
۱ ۸	Snokene		- 58	01	71 87	97 96 85 90 92	90	100	103 105 98 103 102	108	90	86 92	67 85	56	ı
A	Spokane	39	200												
\	Spokane	42 39 39	78 80 64 59 79	61 78	87	92	93	96	102	100	102	92	85	80	1
\	Spokane Charleston Milwaukee	46	62	78 65	82	91	92	99	101	100	102	89	77	63	l
·	Spokane	39 46 51	79 62 66	78 65 71	87 82 74	91 82	92 90	104 96 100 98 99 100	101	100	94 96 102 98 93	89 83	77 73	88 80 83 67 65 80 80 63 56 80 63	I
\	Spokane Charleston Milwaukee	46	62	78 65 71	82	91	92	99 100	101	100 100 96	98 93	89	77 73	63 69 91	١

<sup>&</sup>lt;sup>1</sup> For period of record through 1985. <sup>2</sup> City office data.

Source: U.S. National Oceanic and Atmospheric Administration, Comparative Climatic Data, annual.

# NO. 349. LOWEST TEMPERATURE OF RECORD—SELECTED CITIES [In Pairenheit degrees. Airport data unless otherwise noted. For period of record through 1986]

STATION	of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Mobile	45	3	11	21	36	43 25 40	49	60	59	42	32	22	8	3
Juneau 1	42	-22 17	-22 22	-15 25 11 34 26 30	6	25	31 50	36 61	27 60	23	11	-5 25 17 34 26 25 -8 9	-21 22	-22
Phoenix	49	17	22	25	32	40	50	61	60	47	34	25	22	17
Little Rock	45	-4	-5	11	28	40	46	54	52	37	30	17	-1	-5
Los Angeles	51 36 59	23	-5 32 26 25 -30 -21	34	39	43	48	54 49	52 51 49	47	34 30 41 36	34	32	23
Sacramento	36	23	26	26	32 31	36	41	48	49	43	36	26	20	20
San Francisco	59	24	25	30	31	36	41	43	42	38	34	25	20	20
Denver	52	-25	-30	-11	-2	22	30	43	41	17	3	-8	-21	-30
Denver	32	-26	-21	-6	9	28	37	44	36	30	3	9	-14	-26
Wilmington	52 32 39 45	23 24 -25 -26 -14	-6	11	18	40 43 36 36 22 28 30 34	30 37 41	48 43 43 44 50 55	36 43	30 36 39	24 29	14	-1 32 20 20 -21 -14 -7	3 -22 17 -5 23 20 20 -30 -26 -14
Washington	40	V	4		24	1.70	47	7.7	49	39		100	1	
Jacksonville	45	7 30	19	23 32 10	35	45 53 37	47	61	63	48	36 51 28	21 39	11	7 30 -8 53 -23 -27 -25 -22 -24 -21 -20
Atlanta	44 38 17	30	32	32	46 26	53	60	69	68 55	68	51	39	33	30
Auanta	38	-8	53	10	26	37	46	53	55	36	28	3 58	0	-8
Honolulu	17	53	53	55	57	60 22 24 25	65	67	67 37	66 23 28 26	64 11	58	-23 -25 -18	53
Chicago	47	-17	-12	6	19	22	31	35	37	23	11	-3 1 -2	-23	-23
Unicago	28	-27 -25	-17	-8	7	24	36	40	41	28	17	1	-25	-27
Peoria Indianapolis	4/	-25	-18	-10	14	25	65 31 36 39 39 39	4/	41	26	19	-2 -2 -3	-18	-25
Doe Moles	47	-22	-21 -20	-7	16	28 30	39	44	41	28 26	17	-2	-17	-22
Des Moines	47	-24	-20	-22	9	30	38	47	40	26	14	-2 -3	-19	-24
Vicnita	47 47 47 34 39	-12	-21 -19	-2 -1	15	31	43	51	48	31	21	1	-10	-21 -20
New Orleans	40	-24 -12 -20 14	19	25	9 15 22 32	41	43 42 50	53 67 35 40 47 44 47 51 50 60	46 60	33 42	21 23 35	-1 24	-9 14	-20
THE CHOMIS.	2.7	17	100		100	41	50	- 60	1 22	100	30	24	14	
Portland	46 36 35 27	-26	-39	-21	8	23	33	40	33 45 47	23 35 38	15	5	-21	-39 -7 -12
Baltimore	36	-7	-3	6	20	32	40	51	45	35	25	13	0	-7
Boston	35	-12	-4	6	20 16	34	45	54	47	38	25 28	13 17	-7	-12
Detroit	27	-21 -36 -39	-15	-4	10	23 32 34 25	33 40 45 36 26 27 34 47 43	40 51 54 41 36 36 43 51 52	38 29	29 25	17	-10	-10	-12 -21 -36 -39 -34 2 -21
Sault Ste. Marie	46	-36	-35	-24	-2	18	26	36	29	25	16	-10	-25	-36
Duluth	45	-39	-32	-28 -32	-2 -5 2 30 12	17	27	36	32 39	22	15	-23 -17	-34 -29	-39
Minneapolis-St. Paul	48	-34	-28	-32	2	18	34	43	39	26	15	-17	-29	-34
Jackson	23	2	11	15	30	38	47	51	55	35	30	17	7	2
Kansas City	14	-17	-19	-10	12	38	43	52	55 43	22 26 35 33	21	1	-21	-21
St. Louis	48 23 14 29	-18	-10	-5	22	31 15	43	51	47	36	30 21 23	1	-13	-18
Great Falls	49	-37	-35	-29	-6	15	43 31	40	35	36 21	-9	-25	-43	-43
Omaha	50	-23	-21	-16	5	27	38	44	43	25	13	-9	-21	-23 -16
Reno	45	-16	-12	-2	13	18	25	33	24	25 20	8	1	-16	-16
Concord	45	-33	-37	-16	9	21	30	44 33 35	20	21	10	-i	-22	-37
Atlantic City	43 47 40	-10	-11	- 10	12	21 25	25 30 37 40	46	24 29 40 52 34 38 50 53	21 32	23	11	7	-37 -11
Albuquerque	47	-17	-5	A	10	28	40	52	52	37	25	-7	-7 3	-17
Albany	40	-28	-21	5 8 -21	19	28 26 26	36	46 52 40	34	37 24 32 39	25 16	-7 5 9 5	-22	28
AlbanyBuffalo	43	-16	-20	7	12	26	35	43	38	32	20	ă	-10	-20
New York *	118	-6	-15	-7 3	12	32	35 44 45	43 52 53	50	30	28	- 5	-13	15
Charlotte	47	-5	- 5	4	24	32	45	53	53	39	24	11	2	- 5
Raleigh	42	-9	5	11	23	31	38	48	46	37	28 24 19	11	4	-0
Bismarck	42 47	-44	-39	-31	-12	15	38	48 35	33	11	5	-30	-43	-20 -15 -5 -9 -44
N	-	125		100						1	1.0			
Cincinnati,	25	-25	-11	-11	17	27	39	47	43	33	16	1	-12	-25 -19 -19
Cleveland	45	-19	-15	-5 -6	10	25 25	31 35	41	38	32	22	3 5	-11	-19
Columbus	45 47 33	-19	-13	-6	14 20 29	25	35	43	39	31	22 20 22 26 25	5	-12	-19
Oklahoma City	33	-4	-3 -3	19	20	37 29 28	47	53 43 51	51	37 34 35	22	11	-3	-4 -3 -7 -18 -13 -1 -36
Portland	46	-2		19	29	29	39	43	44 45	34	26	13	6	-3
Philadelphia	45 34 33 39	-7	-4	7	19	28	44 34 41	51	45	35	25	15	1.1	-7
Pittsburgh	34	-18	-12		14	26 29	34	42	39	31	16	-1	-12	-18
Providence	33	-13	-7	1	14	29	41	49	40	33	20 23	14	-10	-13
Columbia	39	-1	-31	4	26	34 17	33	54 38	40 53 34	40	23	12	-26	-1
Sioux Falls	41	-36	-31	-23	5	17	33	38	34	22	9	-17	-26	-36
Memphis	45	-4 -17	-11 -13	12	5 29 23	38 34	48 42	52 51	48 47	36 36	25 26	-1	-13	-13 -17
			15	100	150	100				1000	100	100	100	
Dallas-Fort Worth	33	4	7	15	30	41	51	59	56	43	29	20	5	-8 11
El Paso	47 17	-В	8	14 22	23	31	48 52	57 62	56 62	41	25	1	5	-8
Houston	17	12	20	22	31	44	52	62	62	48	33	19	11	11
Salt Lake City	58	-22	-30	-20	14	25	35 33	40 39	37 35	27 25	16	-14	-21 -26	-30 -30
Salt Lake City	43	-30	-30	-20	2	25 24 36	33	39	35	25	15	-2	-26	-30
Norfolk	38 57 42 39 39	-3	8	18	28	36	45	54 51	49	45	27 21 28	20	7	-3 -12 0 -25
Richmond	57	-12	-10	11	23	31	40	51	46 44 35	35	21	10	-1	-12
Seattle	42	0	1	11	29	28	38	43	44	35	28	6	6	0
Spokane	39	-22	-17	-3	17	24	33	37	35	24	11	-21	-25 -10	- 25
Charleston	39	-15	-6	0	19	31 28 24 26	33	46	41	35 24 34	17	6		-15
OHBI 1051UH				-10	12	24	22	40	44	00	18			20
Milwaukee	46	-26	- 19	-10	12	21	33	90	99	28	10	-5	-20	-20
	46 51	-26 -29	-19	-21	-8	21 16	45 40 38 33 33 33 25	38	41 44 36	8	2	-14	-28	-26 -34

seriod of record through 1985. 2 City office data.

I: U.S. National Oceanic and Atmospheric Administration, Comparative Climatic Date, annual.

No. 350. NORMAL MONTHLY AND ANNUAL PRECIPITATION—SELECTED CITIES

[In Inches. Airport data except as noted. Based on standard 30-year period, 1951 through 1980. See Historical Statistics, Colonial Times to 1970, series J 164–267, for related data]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
AL	Mobile	4.50	4.91	6.48	5.35	5.46	5.07	7.74	6.75	6.56	2.62	3.67	5.44	64.64
AK			3.74	3.34	2.92	3.41	2.98	4.13	5.02	6.40	7.71	5.15	4.66	53.15
AZ	Dhooniy	3.03	.59	.81	.27	.14	.17	.74	1.02	.64	.63	.54	.83	7.11
AR	Little Book	201	3.83	4.69	5.41	5.29	3.67	3.63	3,07	4.26	2.84	4.37	4.23	49.20
CA	Los Appeles	2.06	2.49	1.76	.93	.14	.04	.01	.10	.15	.26	1.52	1.62	12.06
- Summ	Coccamento	4.00	2.88	2.06	1.31	.33	.11	.05	.07	.27	.86	2 22	2.90	17.10
	Sacramento	4.03	3.23	2.64	1.53	.32		.03			1.06	2.23	3.55	19.71
00	San Francisco	4,65					.11		.05	.19		2.35		
CT	Denver	,51	.69	1.21	1.81	2.47	1.58	1.93	1,53	1.23	.98	.82	.55	15.3
UI mman	Hartford	3,53	3.19	4.15	4.02	3.37	3,38	3.09	4.00	3.94	3.51	4.05	4.16	44.39
DE	Wilmington	3.11	2.99	3.87	3.39	3.23	3.51	3.90	4.03	3.59	2.89	3.33	3.54	41.38
DC	Juneau Phoenix Little Rock Los Angeles Sacramento San Francisco Denver Hartford Wilmington Washington	2.76	2.62	3.46	2.93	3.48	3.35	3.88	4.40	3.22	2.90	2.82	3.18	39.00
FL		3.07	3.48	3.72	3.32	4.91	5.37	6.54	7.15	7.26	3.41	1.94 2.71	2.59	52.76
	Miami	2.08	2.05	1,89	3.07	6.53	9.15	5.98	7.02	8.07	3.41 7.14	2.71	1.86	57.55
GA	Atlanta	4.91	4.43	5.91	4.43	4.02	3.41	4.73	3,41	3.17	2.53	3.43	4.23	48.6
HI	Honolulu	3.79	272	3.48	1.49	1.21	.49	.54	.60	.62	1.88	3.22	3.43	23.47
D	Roise	1.64	1.07	1.03	1.49	1.21	.95	.26	.60	.58	.75	1.29	1.34	11.7
I morning	Chicago	1.60	1.31	2.59	3.66	3.15	4.08	3.63	3.53	3.35	2.28	2.06	2.10	33.34
L	Doorie	1,00		2.86		3.84	3.88	3.99	3.39	3.63		1.96	2.01	34.8
	redia	1,00	2.46		3.81		3.99	4.32	3.46		2.51	3.04	3.00	39.12
N	Paga Majoris	2,00		3.61	3.68	3.66	3.99	4.32		2.74	2.51			
IA	Weekles	1.01	1.12	2.20	3.21	3.96	4.18	3.22	4,11	3.09	2.16	1.52	1.05	30.83
KS	Laufe dle	.68	.85	2.01	2.30	3.91	4.06	3.62	2.80	3.45	2.47	0.40	.99	43.5
	Louisville	3.38	3.23	4.73	4.11	4.15	3.60	4.10	3.31	3.35	2.63	1.47 3.49 4.06	3.48 5.27	
LA			5.23	4.73	4.50	5.07	4.63	6.73	6.02	5.87	2.66	4.06	5.2/	59.74
ME	Portland	3.78	3.57 2.98	3.98 3.72	3.90 3.35	3.27	3.06 3.76	2.83 3.89	2.82	3.27	3.83	4.70	4.51 3.40	43.52
MD	Baltimore	3.00	2.98	3.72	3.35	3.44	3.76	3.89	4.62	3.46	3.11	3.11	3.40	41.84
MA	Battimore	3.00	3.70	4.13	3.73	3.52	2.92	2.68	3.68	3.41	3.36	4.21	4.48	43.81
MI	Detroit	1.86	1.69	2.54	3.15	2.77	3.43	3.10	3.21	2.25	2.12	2.33	2.52	30.97
Milhenness	Coult Cto Mario	2.20	1.69	2.03	2.38	2.90	3.26	3.00	3,46	3.90	2.89	3.20	2.57	33.46
MN	Sault Ste. Marie	1.20	.90		2.16	3.15	3.96	3.96		3.26	2.21	1.69	1.29	29.68
MIATERIA	Missasselia Ct David	1.20	.85	1.78	2.05	3.20	4.07	3.51	4.12	2.50	1.85	1.29	.87	26.36
MS	Minneapolis-St. Paul Jackson Kansas City	5.00							3.64				5.40	52.82
MO	Jackson	5.00	4.48	5.86	5.85	4.83	2.94	4.40	3.71	3.55	2.62	4.18	1.20	
MO	Kansas City	1.08	1.19	2.41	3.23	4.42	4.66	4.35	3.57	4.14	3.10	1.63	1.38	35.16
LIT	St. Louis	1.72	2.14	3.28	3.55	3.54	3.73	3.63	2,55	2.70	2.32	2.53	2.22	33.91
MT	Great Falls	1.00	.75	.93	1.49	2.52	2.75	1.10	1,31	1.03	.82	.74	.80	15.24
NE	Omaha	.77	.91	1.91	2.94	4.33	4.08	3.62	4.10	3.50	2.09	1.32	.77	30.34
NV	Reno	124	.95	.74	.46	.74	.34	.30	.27	.30	.34	.60	1.21	7,49
NH	Concord	2.78	2.47	2.93	3.01	2.93	2.91	2.93	3.26	3.12	3.10	3.66	3.43	36.53
NJ	Attantic City	2 47	3.34	4.04	3.20	3.07	2.78	4.02	4.72	2.89	3.06	3.73	3.61	41,93
NM	Albuquerque	41	.40	.52	.40	.46	.51	1.30	1.51	.85	.86	.38	.52	8.12
NY	Albany	2 30	2.26	3.01	2.94	3.31	3.29	3.00	3.34	3.23	2.93	3.04	3.00	35.74
141,	Duffelo	2.00	2.40	2.97	3.06	2.89	2.72	2.96	4.16	3.37	2.93	3.62	3.42	37.52
	Now York 1	3.02	3.13	4.22	3.75	3.76	3.23	3.77	4.03	3.66	2,93			44.12
110	Charlette	3.21						3.77			3.41 2.72	2.86	3.81	49.12
NC	Charlotte	3.60	3.81	4.83	3.27	3.64	3.57	3.92	3.75	3.59	2.72	2.00	3.40	43.16
***	Haleign	3.55	3.43	3.69	2.91	3.67	3.66	4.38	4.44	3.29	2.73	2.87	3.14	41.76
ND	Bismarck	.51	.45	.70	1.51	2.23	3.01	2.05	1.69	1.38	.81	.51	.51	15.36
OH	Cincinnati	3.13	2.73	3.95	3.58	3.84	4.09	4.28	2.97	2.91	2.54	3.12	3.00	40.14
	Cleveland	2.47	2.20	2.99	3.32	3,30	3,49	3,37	3.38	2.92	2.45	2.76	2.75	35.40
	Columbus	2.75	2.18	3.23	3.41	3.76	4.01	4.01	3.70	2.76	1.91	2.64	2.61	36.97
OK	Oklahoma City	.96	1.29	2.07	2.91	5.50	3.87	3.04	2.40	3.41	2.71	1.53	1.20	30.89
	Oklahoma City	6.16	3.93	3.61	2.31	2.08	1.47	.46	1.13	1.61	3.05	5.17	6.41	37.39
PA	Philadelphia	2 10	2.81	3.86	3.47	3.18	3.92	3.88	4.10	3.42	2.83	3.32	3.45	41.42
	Dittoburgh	3.10	2.40	3.58	3.28	3.54	3.30		3.31	2.80	2.49	2.34	2.57	36.30
DI	Pittsburgh	2.00	2.40					3.83			2.49	2.34		45.32
RI	Cohambia	4.06	3.72	4.29	3.95	3.48	2.79	3.01	4.04	3.54	3.75	4.22	4.47	
SC	Cournbia	4.38	3.99	5.16	3.59	3.85	4.45	5.35	5.56	4.23	2.55	2.51	3.50	49.12
SD	Portland Philadelphia Pittsburgh Providence Columbia Suss Falls Memohis	.50	.93	1.58	2.36	3.21	3.70	2.71	3.13	2.79	1.57	.92	.72	24.12
TN	Memphis Nashville	4.61	4,33	5.44 5.58	5.77	5.06 4.56	3.58	4.03 3.82	3.74	3.62	2.37	4.17 3.52	4.85	51.57 48.49
			4.03	0.00	4.47	4.00	3.70	3.02	3,40	3.71	2.00	3.32	4,03	40.40
TX	Dallas-Fort Worth El Paso Houston Salt Lake City	1.65	1.93	2.42	3.63	4.27	2.59	2.00	1.76	3.31	2.47	1.76	1.67	29.46
	El Paso	38	.45	.32	.19	.24	.56	1.60	1.21	1.42	.73	.33	.39	7.82
	Houston	3.21	3.25	2.68	4.24	4.69	4.06	3.33	3.66	4.93	3.67	3.38	3.66	44.76
UT	Salt Lake City	1.36	1.33	1.72	2.21	1.47	.97	.72	.92	.89	1.14	1.22	1.37	15.31
VT	Burlington	1.85	1.33	2.20	2.21	2.96	3.64	3.43	3.87	3.20	2.81	2.80	2.43	33.69
VA	Norfolk	3.72	3.28	3.86	2.87	3.75	3.45	5.15	5.33	4.35	3.41	2.88	3.17	45.22
A . Carrery	Richmond	3 22	3,13	3.57	2.90	3.55	3.60	5.14	5.01	3.52	3.74	3.29	3,39	44.07
MA	Contillo Tooms	6.04	4.70								3.14		6.33	
WA	Cookers acoma	0.04	4.22	3,59	2.40	1.58	1.38	.74	1.27	2.02	3.43	5.60		38.60
inni	Spokane	2.4/	1.61	1.36	1.08	1.38	1.23	.50		.71	1,08	2.06	2.49	16.71
wv	Sart Lake City Burlington Norfolk Richmond Spotter-Tacoma Spokane Charleston Milwaukee Cheyenne	3.48	3.11	4,00	3.52	3.68	3.32	5.36	4.15	3,01	2,63	2,90	3.27	42.43
WI	Milwaukee	1.64	1.33	2.58	3.37	2.66	3.59	3.54	3.09	2,88	2.25	1.98	2.03	30.94
WY	Cheyenne	.41	.40	.97	1.24	2.39	2.00	1.87	1.39	1.06	.68	.53	.37	13.31
AA I bellever								1	10.00	1	1			
PR	San Juan		2.02	2.31	3.62	5.64	4.66	4.87	5.93	5.99	5.89	5.59	4,46	53.99

<sup>1</sup> City office data.

Source: U.S. National Oceanic and Atmospheric Administration, Climatography of the United States, No. 81, Sept. 1982.

### **IVERAGE NUMBER OF DAYS WITH PRECIPITATION OF .01 INCH OR MORE—SELECTED CITIES**

a, except as noted. For period of record through 1986 except as noted. Annual data may not equal the sum of the monthly values due to rounding]

STATION	Length of record (yr.)	Jan	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
le au ¹ mix	45 42 47	11 18 4	10 17 4	11 18 4	7 17 2 10	8 17	11 16 1	16 17 4	14 18 5	10 20 3 7	6 24 3	8 19 2	10 21 4	122 220 36 104 36 58 62 88 127 117
Rock	44	10	9	10	10	10	8	8	5 7	7	3	8	9	104
Angeles	51	6	6	6	3	1	(Z)	- 1	(Z) (Z)	1	2	7	5 9	36
amento	47 59	10	9	8	5	3	1	(z)	(z)	1	3	7	9	58
Angeles amento	59	11	10	10	6	3	1	(z) (z) 9	1	1	5 8	7	10 5 12 10	62
ord	52	6	10	9	11	11	9	9	9	6 9	5	11	5	88
ington	32 39	11	10	11	11	12	11	10	10	8	8	10	12	127
hington	45	10	9	11	10	12 11 11	9	10	9	8	7	8	9	112
sonville	45	8	8	8	6	8	12	15	15	13	9	6	8	116
<b>V</b>	44	7	6	6	6	10	15	16	17	17	14	8	7	129 115 100
ta	52	11	10	11	9	9	10	12	10	8	6	8	10	115
olulu	37 47 28	10	9	9	9	7	6	8	6	8 7	9	10	10	100
	47	12	- 11	10	8	11	6	2	3	4	6 9	10	12	92
1g0	28	11	10	13	13 12 12 11	11	10	10	9	10	9	10	11	127
ago la napolis Moines	47	9	8	11	12	12	10	9	8	9	8	9 10 7 5	10	114 125 107 86
napolis	47	12 7 5	10	13	12	12	10	9	9	8	8	10	12	125
itaita	47 33	6	7 5	8	8	11	11	9	9	9	8	2	8	107
villa	39	11	11	12	12	11	10	11	9	8	6 8	10	11	105
ville Orleans	38	10	9	13	12	8	10	15	13	10	6	10	10	125 114
	13	100					10		100				10	
and	46	11	10	11	12	13	11	10	9	В	9	12	12	128 113
nore	36	10	9	11	11	- 11	9	9	10	7 9	7 9	9	9	113
ON	35	12 13 19	11	12	11	12	11	9	10	9	9	111	12	127 134 166
Ste. Marie	27	13	11	13 13 11	13	11	10	9	9	10 13 12	9 13 10	12 17 11	14	134
Ste. Marie	45	19	15	13	11	11	12	10	11	13	13	17	20 12	166
eapolis-St Paulson	45 48	12	10	11	11	12	13	11	11	10	10	11	12	135
eapons-St Faur	23	11	8	10	9	11	12	10	10	8	8	8	10	115 109
as City	14	8	7	11	11	11	10	8	9	8	8	8	8	107
ouis	29	8	8	11	11	11	10	9	8	A	8	9	9	111
as City ouis t Falls	49	9	8	9	9	11	12	7	8	8 7	6	7	8	101
ha	50	6	7	9	10	12	11	9	9	9	7	5 5 11	6	98
)	44	6	6	6	12	12	3	2	2	2	3	5	6	51 125 112
ord	45	11	10	11	12	12	11	10	10	9	9	11	11	125
tic City	43 47	11	10	11	11	10	9	9	9	7	9 7 5	9	10	112
querque	40	4	11	5	3	4	.4	9	9	6	5	3	4	135 169
ny		12	11	12 16	12	13	11	10	10	10	9	12 16	12 20	135
York <sup>a</sup>	117	12 20 11	17	11	12 14 11	13 12 11	10	10	11	11	11	10	10	108
lotte	47	10	10	11	9	10	10	11	10	7	7	9	10	121 111
ah	42	10	10	10	9	10	9	11	10	7	8 7 7	8	9	111
gharck	47 42 47	8	7	8	8	10	12	9	9	7 7 7	6	6	8	97
nnati	39	12	11	13	13	12	11	10	9	8	8	11	12	129
pland	45	16	14	16	14	13	11	10	10	10	11	14	16	156
mbus	47	13	12	14	13	13	11	11	9		9	11	13	137
mbus homa City and	47	5	6	7	8	10	9	6	6	8 7	6	5	5	129 156 137 82 153 117 154 125 109
and delphia	46	18	16	17	14	12	9	4	5	8	13 8 11	18	19	153
delphia	46	11	9	11	11	11	10	9	9	8	8	10	10	117
burgh	34 33	17	14	16	14	12	12	11	10	9	11	13	16	154
dence	33	11	10	12	11	11	11	9	10	8	8	11 7	12	125
mbia	39	10	10	10	8	9	. 0	12	11	7	6	7	9	109
Falls	41 36	10	6	9	10	10	11	9	9	8	6	6 9	10	97 106
ville	45	11	11	12	11	11	9	10	9	7 8	7	10	11	119
s-Fort Worth	33	7	6	7	8	9	6	5	5	7	6	6	6	78
ISO	47	4	3	2		2	3	8	8	- 5	4	3	4	48
iton	17	10	8	10	7	8	8	9	10	10	8	9	9	106
Lake City	58	10	9	10 10	10	8	5	5	10	10	8	8	9	106 91
Lake City	43	14	12	13	12	14	13	12	12	12	12	14	15	154 114 113 157
)k	38	10	10	11	12	10	9	12	10	8	8 7	8	9	114
mond bnom	49	10	9	-11	9	-11	9	11	10	8	7	8	9 20	113
Je	42	19	16	17	14	10	9	5	7	.9	13	18	20	157
ane	39	14	12	11	9	9	8	- 4	5	- 6	8	13	15	114 152
	39	15	14	15	14	13	11	13	11	9	10	12	14	152
	46	11	10	12	12	12	- 11	10	9	8	9	10	11	125
leston aukee lenne	46 51	6	10	12	10	13 12 12	11	11	10	7	6	6	5	125 98

an ¼ day. For period of record through 1985. \* For period of record through 1983. City office data.

i. National Oceanic and Atmospheric Administration, Comparative Climatic Data, annual.

## Geography and Environment

NO. 352. SNOW AND ICE PELLETS [In Inches. Airport data, except as noted. For period of record through 1986. T denotes trace]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ani
AL	Mobile	45	-						7/2				т	.1	
AK	Juneau	42	26.3	19.4	16.6	4.1	-,1	Ť	-	- 2	T	1.1	11.3	23.0	1 11
AZ	Phoenix	49	T	10.0	T	T	12	0-		-	-			-	1 "
AR	Little Bock	44	2.3	1.6	.6	T		-			-		.2	.8	
CA	Los Angeles	51	T	T	-	-	-	-	-	-	-		-	T	
	Sacramento	38	Ť	.1	T	-	1	1	1.0	-	-	-	-	T	
100	San Francisco	59		T	T	-	-				6-	-		-	
CO	Denver	59 52	7.7	7.4	12.8	9.2	1.8	-			1.7	3.7	8,3	7.0	
CT	Hartford	32	11.8	12.1	10.2	1.8		-	-	1 4	10-	.1	1.9	10.9	
DE	Wilmington	39	6.5	6.3	3.5	.2	Ť	-		-	-	.1	.9	3.4	
DC	Washington	43	5,1	6.3 5.7	2.2	-	T	-	-	-	-	-	.6	3.2	
FL	Jacksonville	45 44	T	-	11/2	13	- 3	1	15	=	1	-	1	T	
GA	Atlanta	52	.8	.6	.4	T	5	0-	11 25		1102		-	.2	
н	Honolulu	40			-	1 3	1 2		11.0	1	-		1 2	1	
ID	Boise	47	7.0	3.7	1.8	.7	.1	Ť	Ť	-		.1	2.3	5.9	
L	Chicago	28	11.2	8.1	72	2.0	.1	1	1	-	Ť	3	2.1	8.7	
. Section Control	Peoria	43	6.5	5.2	7.2	1.0	1.2	-		1	1 4		21	8.7 5.9	
IN	Indianapolis	43 55	6.2	5.9	3.6	.5	T	-	1	1-	1 4	1	1.9	4.9	
IA	Indianapolis	47	8.5	5.9 7.2	6.9	2.1	- 2	-	100	15	T	.3	29	6.8	
KS	Wichita	33 39	4.4	4.5	2.5	.3	-	0.00	0.0	-	1	-	1.1 1.2 T	3.2	
KY	Louisville	39	5.8	4.5	3.3	2	-	-	-	-	-	Ť	1.2	2.1	
LA	New Orleans	40	-	.1	T	0.5	1.5	-	-	-	-	-	т	1	
ME	Portland	46	19.1	17.7	12.9	2.9	.2 T	1.4		-	T	.3	3.1	15.2	1
MD	Baltimore	36	5.5	7.1	4.1	.1	T	1.2	1.6	1 7	-		.9	3.6 7.6 10.7	
MA	Boston	51 27	12.2	11.5	7.6	.9	-	- 04		-	1,00	-	1.2	7.6	
MI	Detroit	27	10.0	8.5	6.8	1.8	T	Ť	1.5-	-	-	.1	3.4	10.7	
	Sault Ste. Marie	45	28.2	19.3 11.7	15.1	5.4	.6	T	-	T	.3	1.2	14.7	29.6 15.5	1
MN	Duluth	43 48 23	17.0	8.4	13.9	6.5 3.1	.8	- 2	17		1	1.2	11.0 6.9	15.5	
MS	Jackson	23	.7	4.3	.2	T		1.4	-	1 2	-	1 4	-	-	
MO	Kansas City	52	5.8	4.3	3.8	.8	Ť	-	10-	-	-	-	1.0	4.5	1
MT	St. Louis	50 49	5.3 10.0	4.5 8.5	10.0	7.3	1.6	.3	Ť	Ť	1.5	3.2	7.6	3.6 8.8	
NE.	Omaha	51	7.7	6.9	6.6	.9	.1	Ĩ	1		T		2.4	5.7	1
NV	Reno		5.9	4.7	4.9	1.4	1.0	- 5		1			2.3	4.3	
NH	Concord	44 45	17.6	14.9	11.0	2.3	1.0	1	/ 3			3 4 1 1	4.1	14.1	1 7
NJ	Concord Atlantic City	42	5.2	5.5	2.8	.3	1			2	1	T	.3	14.1 2.2 2.6	100
NM	Albuquerque	47	2.5	2.2	1.9	.5	1	1 2	-	12	T	. 1	1.1	2.6	
NY	Albany	40	15.8	14.3	11.6	3.0	- 4	-				1	4.5	1 15.8	
	Buffalo	43	24.7	14.3 17.9	11.5	3.2	.1	T	100	5	T	1 2	12.2	23.2	1
351	New York 1	118	7.6	8.7	5.1	.9	1	- 0-	100	- 2	-	-	.9	5.6	
NC	Charlotte	47	1.9	1.8	1.4	-	-	-	-	-	-	-	-1	.6	
	Raleigh	42	7.2	2.5 6.3	1.5		-	1	-	14	-	1.2	-1	.8	
ND	Bismarck	47	7.2	6.3	8.4	4.0	.9	Т	11.5	-	.3	1.3	6.0	6.7	١,
OH	Cincinnati	39	7.5	5.6	4.3	2.2 .7	T	- 0	-	-	-	-	2.3	3.7	
7.1	Cleveland	45	12.5	11.6	9.9	2.2	-1	04	-	-	T	.7	5.2	11.5	
	Columbus	39	8.8	6.4	4.5	.7		-		-	T	Ť	2.5	5.6	
OK	Oklahoma City	47	2.8	2.7	1.5	-	Ť	- 2	-	-	-	T	.5	1.6	
OR	Portland	46	3.7	.8	.4	Ţ	=	T	-	-	T	-	.6	1.4	Ι.
PA	Philadelphia	44	6.4	6.8	3.9	.3	1	~	-	- 3		-	0.6	3,6	1
RI	Pittsburgh	34	12.2	10.1	8.3	1.6	.1	- 3	-	-	7.	.1	3.6	8.3	1
MI	Providence	34 33 39	9,6	10.1	7.8	.7	,2		-	2	-	-,1	.7 T	7.0	
SC	Sioux Falls	39	6.6	.9 8.2	10.1	2.2	Z	100	-	-		.5	5.0	7.5	١.
TN	Memphis	41 36	2.5	1.5	1.0	T	1 5	-	- 3	-2	105	,5	1	3,6 8,3 7,0 3 7,5	
Marinin	Nashville	45	4.2	3.2	1.5	1 4	Ę	1.2	12	-	1	-	.5	1.7	1
TX	Dallas-Ft. Worth	33	1.4	1.1	2	-	4	1.2	-	-	1	-	1.0	1.3 T	
	El Paso	47	1.3	.8	.4	.4	-	-	-	-	16	-	1.0	1.3	1
	Houston	52	.2	.2	-		.7	-	1	1		-	T	T	
UT	Salt Lake City	58	13.0	9.4	10.1	5.3 3.7	7	T	-	-	1	1.3	6.5	12.2	
VT	Burlington	43	19.0	16.6	12.4	3.7	2	100	-	17	T	_2	7.0	19.2	
VA	Norfolk	38	3.0	2.7	1.1	- 5	-	-	-	-	-	-	1.4	1.0	
SALA.		49	5.0	4.2	2.7	-1		-	Ť	-	-	T	.4	2.0	1
WA	Seattle	42	5.7	1,5	1.4	.1	Ţ			-	T	.5	1.4	2.7	1
wv	Spokane	39	16.9	7.6	4.2	.7	1	Т	11.00	7	-	.5	6.3	15.2	1 3
WV,	Milwaukee	39 46	10.7	9.1 9.5	9.0	1.9	-	10.00	-	- 3	Ť	.1	2.3	10.5	1 3
WY	Cheyenne	51	6.3	9.5 5.5	11.9	9.3	3.7	.3	-	1	.8	3.6	7.0	5.9	
PR	San Juan	31			100		110	100			1.0			L Y	1

- Represents zero. 
<sup>1</sup> City office data.

Source: U.S. National Oceanic and Atmospheric Administration, Comparative Climatic Data, annual.

# 363. AVERAGE WIND SPEED, MEAN NUMBER OF DAYS MINIMUM TEMPERATURE BELOW 32 DEGREES FAHRENHEIT, AND AVERAGE RELATIVE HUMIDITY—SELECTED CITIES

[Airport data, except as noted. For period of record through 1986. M=morning. A=afternoon]

	PERCE	NT-	AVERA	(m.p.	ND SP	EED	MININ	ATURE	AVE	RAGE		ATIVE cent)		DITY	
Technology	POSSI SUNSI	BLE				- 1	32° OR	LESS		Ann	ual	Ja	n.	Ju	ly
STATION	Length of record (yr.)	An- nual	Length of record (yr.)	An- nual	Jan,	July	Length of record (yr.)	Mean num- ber (days)	Length of record (yr.)	М	A	м	A	м	A
Mobile Juneau <sup>2</sup> Phoenix Little Rock Los Angeles Sacramento San Francisco Deriver Hartford Wilmington Washington	1 34 33 91 32 32 38 38 37 32 39 38	1 60 30 85 62 73 77 66 70 57 57	38 41 41 44 38 37 59 38 32 38 38	9,0 8,3 6,3 7,9 7,5 8,1 10,5 8,8 8,5 9,2 9,3	10.4 8.3 5.2 8.6 6.7 7.4 7.1 8.7 9.0 10.0	7.0 7.5 7.2 6.8 7.7 9.0 13.5 8.3 7.5 7.8 8.2	24 42 26 26 27 36 27 26 27 26 27 39 26	23 145 8 62 (z) 16 2 158 136 101 71	24 20 26 26 27 26 27 26 27 26 27 26 27 26 27	86 84 52 84 79 82 84 67 76 78 74	57 72 23 58 64 46 62 40 52 55 53	80 79 67 80 70 90 86 63 71 75 68	60 75 32 61 60 72 67 49 56 60 54	89 84 45 87 86 76 86 68 78 79 76	67256253555
Jacksonville Miami Attartia Honolulu Boise Chicago Peoria Indianapolis Des Moines Wichita Louisville New Orleans	35 9 50 33 43 5 42 41 35 32 38 12	62 72 61 67 64 52 56 55 56 55 56	37 48 37 47 28 43 38 37 33 39 38	8.1 9.2 9.1 11.5 8.8 10.2 10.1 9.6 10.9 12.3 8.3 8.2	8,3 9,5 10,6 9,7 8,1 11,6 11,2 11,0 11,7 12,2 9,7 9,4	7.2 7.9 7.5 13.4 8.4 8.1 7.9 7.4 9.0 11.2 6.7 6.1	45 22 26 17 47 28 27 27 25 33 26 40	15 (Z) 57 124 133 129 119 135 112 91	50 22 26 17 47 28 27 27 25 33 26 38	88 84 83 72 69 80 83 84 79 80 81 87	56 61 56 56 44 60 62 62 60 55 59 63	87 84 78 82 80 76 78 80 75 78 80 75 78	57 59 59 62 70 67 68 70 67 63 64 66	88 85 89 68 54 82 86 87 81 77 85 91	566525565456
Portland Battimore Boston Detroit Sault Ste. Marie Duluth Minneapolis-St. Paul Jackson Kansas City. St. Louis Great Falls	45 35 50 20 44 35 47 21 13 26 41	57 57 59 53 47 52 57 60 61 57 61	46 36 29 28 45 37 48 23 14 37	8.7 9.2 12.4 10.2 9.3 11.2 10.6 7.4 10.7 9.7 12.8	9.2 9.8 13.9 11.7 9.8 11.8 10.5 8.6 11.3 10.6 15.2	7.6 8.0 10.9 8.4 7.9 9.6 9.3 5.9 9.1 7.9 10.2	46 36 22 28 45 25 27 23 14 26 25	158 96 98 137 181 184 156 51 110 103 158	46 33 22 28 45 25 27 23 14 26 25	79 77 72 81 85 80 78 91 81 84 66	60 54 58 60 67 63 60 58 60 60 45	76 71 66 79 81 75 73 86 74 83 67	61 57 57 69 75 69 66 65 63 66 61	80 80 73 82 89 84 80 93 83 85 64	5555655555
Omaha Reno Concord Aflantic City Albuyuerque Albuyuerque Buffalo New York <sup>3</sup> Charlotte Raleigh Bilsmarck	48 38 44 25 46 47 42 100 35 31 46	60 79 54 54 76 52 49 58 65 60 59	50 44 44 28 47 48 47 58 37 37	10,6 6.5 6.7 10.1 9.0 8.9 12.1 9.4 7.5 7.8 10.3	10.9 5.6 7.3 11.3 8.0 9.8 14.3 10.7 7.9 8.6 10.0	8.9 5.7 8.6 9.1 7.5 10.4 7.6 6.6 6.6 9.2	22 23 21 22 26 21 26 21 26 73 26 22 27	140 180 174 109 120 150 134 80 70 80 185	22 23 21 22 26 21 26 61 26 22 27	81 71 81 60 80 80 72 83 85 80	59 32 54 56 29 58 63 56 54 54	77 79 74 77 71 77 79 68 78 78	66 51 58 58 40 63 73 60 55 55	83 65 84 83 60 81 78 75 87 90 83	51 55 55 55 55 55 55 55 55 55 55 55 55 5
Cincinnati. Cleveland Columbus Columbus Oklahoma City Portland Pittaburgh Pittsburgh Providence Columbia Sioux Falls Memphis Nashville	66 42 34 31 36 43 33 32 32 42 35 43	56 49 49 67 47 56 47 58 65 62 64 56	39 45 37 38 38 46 34 33 38 38 38	9.1 10.7 8.7 12.5 7.9 9.5 9.1 10.6 6.9 11.1 9.0 8.0	10.7 12.4 10.3 12.8 10.0 10.3 10.7 11.3 7.1 11.1 10.2 9.2	7.2 8.7 6.8 10.9 7.5 8.0 7.3 9.5 6.3 9.7 7.5 6.5	24 26 27 21 46 27 27 23 20 23 45 21	109 124 119 80 43 96 124 119 63 167 58 77	24 26 27 21 46 27 26 23 20 23 47 21	81 79 80 79 86 76 78 74 81 81 84	60 62 59 54 60 55 57 54 52 60 57 58	78 77 76 77 86 72 75 70 82 75 78 79	68 70 67 59 76 59 65 56 54 67 63	85 81 84 79 82 79 82 77 89 82 84 90	555445555555
Dallas-Fort Worth El Paso Houston Salt Lake City Burlington Norfolk Richmond Seattle Spokane Charleston Milwaukee Cheyenne	7 43 16 47 42 21 35 19 37 83 45 46	65 83 56 66 49 62 61 46 53 49 54 65	33 44 17 57 43 38 38 38 39 46 29	10.8 9.0 7.8 8.8 10.6 7.6 9.0 8.8 6.4 11.6 12.9	11.1 8.5 8.2 7.6 9.5 11.5 8.0 9.8 8.6 7.6 12.8 15.2	9.5 8.4 6.8 9.5 7.9 6.7 8.3 8.4 5.1 9.6	23 26 17 27 22 38 57 27 27 39 26 27	41 63 22 125 157 55 85 31 140 100 142 172	23 26 17 27 27 21 38 52 27 27 27 27 27 29 26 27	82 56 90 67 77 78 83 82 77 82 80 64	56 27 60 43 60 57 53 62 52 56 64 44	79 65 85 78 70 74 80 80 85 77 75 57	60 35 64 69 63 59 57 74 78 63 68 50	80 61 92 52 79 82 85 81 63 90 82 69	4 2 5 5 5 5 5 6 6 6 3
San Juan	30	64	31	8.5	8.6	9.7	31		31	79	65	81	64	78	6

seents zero. Z Less than one-half a day. ¹Recording alte is in Montgomery, AL. ºFor period of record 64. ºCity office data. ºRecording alte is in Perkeraburg, WV.

U.S. National Oceanic and Atmospheric Administration, Comparative Climatic Data, annual.

NO. 354. NORMAL MONTHLY AND SEASONAL HEATING DEGREE DAYS, 65° BASE—SELECTED CIT [Airport data, except as noted. Based on standard 30-year period, 1951 through 1980. For definition of "degree day," see a section 6]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
AL	Mobile	469	342	191	43					- 13	50	218	382
AK	Juneau	1,339	1 042	1,048	777	574	369	288	322	474	719	969	1,184
AZ	Phoenix	394	1,042			5/4	368	268	322	4/4			368
AR			269	187	52	40	1.7	1.7	7	8	13	159	
	Little Rock	778	585	417	124	18		1.3	4.0		132	414	676
CA	Los Angeles	286	233	240	180	106	54	17	12	18	55	139	255
	Sacramento	611	412	366	229	83	21		122	7	82	360	601
00	San Francisco	512	375	378	306	226	139	103	89	80	148	315	490
		1,101	879	837	528	253	74	-	1 2	135	414	789	1,004
<u>CT</u>		1,234	1,047	874	486	197	20	-	8	102	391	702	1,113
DE	Wilmington	1,048	890	719	378	130	6	-	1 3	36	282	582	915
DC	Washington	924	770	595	257	68	-	-	-	13	197	489	809
FL	Jacksonville	396	302	166	21	1.5	14	-	10	-	21	164	332
	Miami	76	62	14		-	-	-	1 18	-		5	42
GA	Atlanta	716	563	400	133	37	5	-	H H	7	130	394	636
HI	Honolulu	2.04	-	100	-		-	1	-		-	-	
HI	Boise	1,088	809	732	492	253	83	-	23	134	406	759	1,023
Lamananan	Chicago	1,352	1,092	899	486	224	38	-	9	75	368	756	1,156
	Peoria	1,349	1,070	859	411	176	22	-	5	64	361	756	1,153
IN	Indianapolis	1,209	983	775	382	158	15	-	-	63	330	696	1,039
Α	Des Moines	1,438	1,134	927	435	156	17	-	1 (-)	80	357	792	1,218
KS	Des Moines	1.097	837	656	275	89	7	-	-	37	219	621	949
KY	Louisville	1,008	815	624	264	98	5		1 -	32	250	567	862
LA		423	318	171	25		-	-	-	-	31	186	336
ME	Portland	1,349	1,176	1,020	666	378	107	22	54	201	515	798	1,215
MD	Baltimore	1,001	848	673	334	115	101		-	29	261	561	884
MA	Boston	1,097	848 960	825	489	218	25	1.7	6	80	329	594	970
MI		1,097	1.098	930	528	247	36	5			414	765	1 120
Misessesses	Detroit	1,290	1,090		807	480			12	106			1,132
MN	Sault Ste. Marie	1,603	1,420	1,274			210	101	123	306	611	966	1,404
MN	- Dulum	1,820	1,484	1,305	801	456	179	71	115	334	645	1,104	1,587
	Minneapolis-St. Paul	1,668	1,330	1,110	570	238	41	12	16	160	488	954	1,420
MS	Jackson	611	462	303	77	9		- 5	1 5	-	98	316	513
мо	Kansas City	1,212	921	729	314	112	12	-	-	42	258	657	1,026
	St. Louis	1,122	874	676	279	110	12		1.7	40	258	612	955
MT TM	Great Falls	1,435	1,072	1,042	669	369	141	20	66	268	536	930	1,218
NE	Omaha	1.389	1,058	859	390	130	16		1	73	342	765	1,172
	Dana			756				16	59				1,172
NV	Reno	1,017	773		558	333	124			171	456	759	1,008
	Concord	1,398	1,198	1,020	627	314	67	20	39	191	521	831	1,256
NJ	Atlantic City	1,029	890	744	420	165	26		1.5	27	298	582	905
	Albuquerque	936	717	583	302	81	-7	=	1.2	12	242	630	911
NY		1,361	1,165	973	552	252	38	7	15	149	450	771	1,194
	Buffalo	1,287	1,134	992	588	294	53	9	25	130	423	741	1,122
	New York 1	1,029	885	732	378	134	7	-	-	36	240	534	893
NC	Charlotte	760	619	459	155	50	-	-	-	10	166	429	694
ND	Raleigh	787	655	496	181	53	Det	-	-	9	187	450	713
ND	Bismarck	1,807	1,414	1,209	675	324	100	18	57	255	586	1,092	1,538
OH	Cincinnati	1,076	882	682	317	122	8	-	1	39	279	612	933
	Cleveland	1,225	1,053	880	507	244	33	8	11	99	371	696	1,051
	Columbia	1,175	986	775	408	178	19	-	5	78	355	687	1,020
OK	Oklahoma City	902	678	506	184	41	10	7	-	15	145	486	778
OB	Portland	809	610	592	438	263	118	35	51	111	332	585	747
OR PA	Philadelphia	1,048	893	719	363	127	110	35	31	33	273	576	915
· Annananan	Oklahoma City  Portland  Philadelphia  Pittsburgh	1,187	1,014	822	447	201	28	1 5	13	101	393	702	1,042
Ri	Providence	1,141	1,000	856	513	239	31			94	366	648	1,014
SC	Columbia	027			013		31	-	6	94			
SD	Columbia	637	508	346	87	22			4.5	400	123	339	567
TN	Momentia	1,631	1,285	1,073	561	240	52	14	15	161	489	960	1,404
I Name	Nashville	787 865	602 689	433 510	126	25 55		1 2	G	19	137	415	673 747
	and the second second	10000		100	(Ja)	-			3		1	100	166
TX		651	469	313	85	-	-	-	-	-	56	300	533
	El Paso	645	465	318	93	1.0	-	-	1 3	-	96	408	639
rer.	Houston	442	314	175	32			1 7	-		36	201	1,076
UT	Salt Lake City	1,126	865	753	474	220	53		-	97	377	759	1,076
VT	Burlington	1,500	1,313	1,110	669	326	64	23	50	202	530	852	1,314
VA	Norfolk	778	669	512	219	53	-	-	1 4	9	146	393	667
	Richmond	880	731	552	226	65	-	-	-	24	221	483	778
WA	Seattle-Tacoma	803	622	645	489	313	169	76	97	169	388	606	744
	Richmond	1,218	913	849	576	339	140	17	63	209	539	903	1,116
wv	Charleston	995	823	626	298	125	16	-	-	51	301	591	871
WI	Milwaukee	1,435	1,176	1,020	612	334	84	11	25	117	444	831	1,237
WY	Cheyenne	1,206	1,000	1,020	696	397	139	24	37	235	543	906	1,107
	San Juan	100	100	2000			1			1915	100	-	3.4
PR													

<sup>-</sup> Represents zero. <sup>1</sup> City office data.

Source: U.S. National Oceanic and Atmospheric Administration, Climatography of the United States, No. 81, Sept.

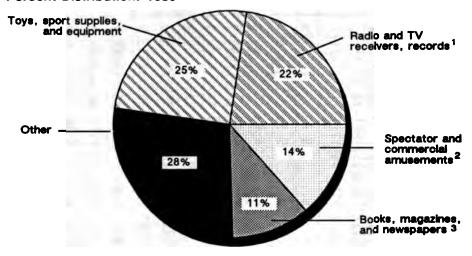
365. NORMAL MONTHLY AND SEASONAL COOLING DEGREE DAYS, 65° BASE—SELECTED CITIES int data, except as noted. Based on standard 30-year period, 1951 through 1980. For definition of "degree day," see text, section 6]

E	STATION	Jan,	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Sea- sona
-anjane	Mobile	29	23	39	133	307	465	533	521	396	158	26	13	2,643
-	Juneau	-		-	>,≠	-	-	-			-	-	1 1	
messes	Phoenix	0.00	20	51	142	376	645	846	772	588	273	27	6	3,746
manar	Little Rock	-	1.00	20	46	188	405	530	496	287	73		-	2,045
	Los Angeles		12	10.00	15	25	72	141	176	153	95	25	7	728
13	SacramentoSan Francisco	-		-	25	80	207	329	301	208	48	-	-	1,198
		-	-	100	-		13	16	27	47	12	-	-	115
	Denver	-	-	-	-	11	134	261	203	63	8	-	-	680
merror	HartfordWilmington	-	-	-	-	24	128	260	203	51	4.5	~	-	666
THE PERSON	Washington	-		1 2	8	43	192	341 431	304	123	12	-	-	1,015
Territories.	The state of the s	-	-	-		99	200	431	391	196	20	-	-	1,430
	Jacksonville Miami Atlanta	30	25	51	102	282	420	505	496	396	160	38	15	2,520
	Miami	141	140	222	309	419	480	539	552	504	400	239	150	4,095
*************	Atlanta	100	140	12	37	170	329	422	409	247	44	200	100	1,670
*********	Honolulu	236	221	291	321	388	423	468	496	468	450	348	279	4,389
nine.	Boise	772		100	-	17	107	298	240	80	-	-		742
*********	Chicago	-	-	-	-	41	146	252	223	66	12	-	-	740
-	Peoria. Indianapolis	-	-	1100	-	71	208	314	256	82	17	-	- 2	948
	Indianapolis		-	-	-	80	213	313	257	111	14			988
	Des Moines	-	-	11.5	-	66	215	354	279	83	22		-	1.019
	Wichita	-	-	8	14	117	340	508	456	205	36	-	-	1,684
******	Louisville	-	-	7	12	110	266	391	353	179	24		-	1,342
interpretation in the contract of the contract	New Orleans	32	30	59	136	307	459	530	518	405	161	36	13	2,666
Mentagent	Portland	100	-	1-		-	23	118	104	9	18	-	- 2	254
MANAGER	Baltimore	1.0	-	-	-	66	221	366	329	146	10	-	-	1,138
MINISTRA	Boston		-			17	115	266	220	68	13		-	699
***	Detroit	1.00	~	-	-	33	117	219	183	55	8		-	615
	Sault Ste. Marie	. ~	-	-	-	6	12	55	58	-	-	-	-	131
	Duluth Minneapolis-St. Paul Jackson	-	-	0.4	-		11	80	59	1.75		1.0	-	150
	Minneapolis-St. Paul	100		25	1.5	36	134	263	190	28	11	10.00	-	662
	Jackson	13	17	34	80	241	426	524	502	342	98	13	-	2,290
	Kansas City	-	-	0.00	8	99	270	423	363	144	26		-	1,333
	St. Louis Great Falls	-	-	-	12	128	306	431	372	181	38	-	-	1,468
diam'r.	Great Falls		-	-	-	-	48	153	144	40	6	-	-	391
	Omaha	100		11.5		77	050	201	000	-				2 200
*****	Omana		- 5	1.5	6	77	256	394	320	97	16		-	1,166
MINISTER OF	Reno	0.5	- 3	12	-	11	46 58	156	117	14		- 3	-	357 353
-	Concord Atlantic City Albuquerque		2	1.3	1 3	26	152	291	111	75	-	1 7		792
hadichan an he	Albuquerous		100	1.3	-	59	285	428	344	132	6	-	-	1,254
Indicate and	Albanu		- 2	1.3	1 3	19	89	206	145	35		- 2	- 3	494
	Buffalo		- 3	1175	1 2	18	83	186	146	43	10.7	11.3	- 3	476
-	New York I	11/20	2	N 12		56	199	363	322	135	14	1.0	1 2	1,089
	New York I	1 3	1 2	7	14	149	304	419	400	220	33	1.5	1	1,546
	Raleigh	1 2	-	9	16	121	270	394	372	189	23	100		1,394
	Bismarck	1 2		2	10	10	79	186	174	24		1.0	-	473
			-	1117	-	10	10	100	11.4		10.0		- T	7/5
	Cincinnati	1.0	- 2		8	101	230	344	310	144	22	1		1,159
(HEATTHEAT)	Cleveland	-	1 3	1	-	33	111	213	178	72	5	-	-	612
	Columbus				1	66	175	273	235	102	11	-	2	862
name to be	Oklahoma City			13	40	147	360	530	499	264	61		-	1,914
	Portland	71 -				6	43	119	122	42	-	-	-	332
	Portland	-	- 2	12	-	59	202	357	319	129	9	1	-	1,075
	Pittsburgh Providence	-		0.00	-	37	121	222	186	74	5	1	-	645
	Providence	-	-		-	10	85	235	195	49	1.2	100	-	574
	Columbia	8	6	20	51	223	381	496	471	297	74	6	-	2.033
	Sioux Falls	12	- 2		-	29	154	293	226	41	6	- 2	-	749
No.	Memphis	-	-	20	54	211	411	530	484	285	72	-	-	2,067
	Nashville	-	-	14	24	151	328	446	415	238	45	-	-	1,661
-	Dallas-Fort Worth	1	7	37	112	275	510	660	636	408	146	18		2,809
	El Paso		-	11	51	218	474	543	474	273	52	-	-	2,096
	Houston	20	20	51	143	307	468	561	546	402	181	54	8	2,761
	Salt Lake City	1 1-1	-		-	28	152	388	311	97	5			981
	Burlington	1-1	-	1 =	-	22	61	165	115	16	1.4	-	-	379
	Nortolk	-	-	100	15	96	282	415	394	225	31	-	-	1,458
	Richmond	100	-	116	13	99	258	397	366	180	23	-	-	1,336
	Seattle-Tacoma	100	-	1 5	12	1 -	25	70	70	19	A (-)	-	-	184
	Spokane		-	1 =1	-	8	41	162	159	41	10=	-	-	411
and the fact	Charleston	-			7	91	196	295	270	129	19	-	-	1,007
manae	Milwaukee	-	-	-	-	18	81	182	158	24	7	-	-	470
-	Cheyenne	. 00	- 1	-	-	-	49	145	93	22	// m.	(-)		309
	San Juan	A	47.5	1	1.55	1 - 1	The said	1	-53	1	200	1000	1222	1.50
			325	388	414	474	501	527	533	507	508	438	394	5,366

apresents zero. 1 City office data.

st: U.S. National Oceanic and Atmospheric Administration, Climatography of the United States, No. 81, Sept. 1982.

Figure 7.1
Personal Consumption Expenditures for Recreation—
Percent Distribution: 1986

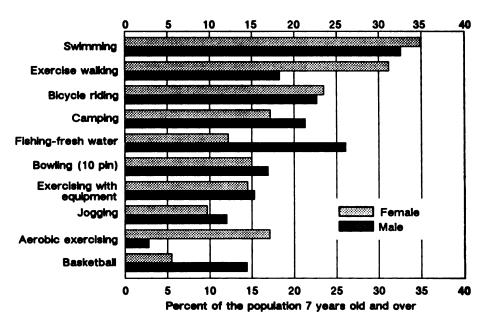


<sup>&</sup>lt;sup>1</sup> includes musical instruments and radio and TV repair.

Source: Chart prepared by U.S. Bureau of the Census. For data see table 363.

Figure 7.2

Participation in Ten Most Popular Sports Activities, by Sex: 1986



Source: Chart prepared by U.S. Bureau of the Census. For data see table 374.

 $<sup>^{\</sup>rm 2}$  includes admissions to spectator amusements, commercial participant amusements, and parimutuel net receipts.

<sup>&</sup>lt;sup>3</sup> includes maps and sheet music.



Section 7

## Parks, Recreation, and Travel

This section presents statistics on national parks and forests, State parks, recreational activities, the arts and humanities, and domestic and foreign travel.

Parks and recreation.—The Department of the Interior has responsibility for administering the national parks, As part of this function, it compiles data and issues various reports relating to the usage of public parks for recreation purposes. The National Park Service publishes information on visits to national park areas in its annual report, National Park Statistical Abstract, the Index-National Park System and Related Areas, a biannual report, presents data on acreage in public parks; and its National Parks and Landmarks gives brief descriptions of each area administered by the Service and also covers sites eligible for registry as natural or national historic landmarks and nonfederally owned national historic sites.

Statistics for State parks are compiled by the National Association of State Park Directors which issues its annual *Information Exchange*. The Bureau of Land Management, in its *Public Land Statistics*, also issues data on recreational use of its lands. The Department of Agriculture's Forest Service, in its *Report of the Forest Service*, issues data on recreational uses of the national forests.

Statistics on recreation other than usage of public lands have not generally been compiled and published in a systematic way. In general, more data are available in the files of public and private bodies than have been published; and much of what is published is in forms not physically permanent nor likely to be preserved in libraries and other reference sources. The series presented here represent only the more readily available data.

Visitation.—Statistics presented on visitation to various recreation areas are collected by several different agencies and groups. The methodology used to collect these results, may vary accordingly from visual counts and estimates to the use of electromagnetic traffic counters. Many factors besides the methodology, may affect the results such as multiple or random access points, irregular boundaries, and many other general factors that may affect usage. In using and comparing these data, one should also be aware of several different definitions that follow: Recreation visit, which is the entry of any person into an area for recreation purposes; nonrecreation visits, which include visits going to and from inholdings, through traffic, tradespeople and personnel with business in the area; and visitor hour, which constitutes the presence of a person in a recreation area or site for recreational purposes for periods of time aggregating 60 minutes.

Recreation and leisure activities.—Statistics on the participation in various recreation and leisure time activities presented here are based on several sample surveys. Data on participation in fishing, hunting, and other forms of wildlife-associated recreation are published every five years by the U.S. Department of Interior, Fish and Wildlife Service. The most recent data are from the 1965 survey. Data on participation in various sports recreation activities are published by the National Sporting Goods Association. Data on participation and attendance at various art performances by demographic characteristics are presented by the National Endowment for the Arts.

Travel.—Information on foreign travel and personal expenditures abroad, as well as expenditures by foreign citizens traveling in the United States, is compiled annually by the U.S. Bureau of Economic Analysis and published in selected issues of the monthly Survey of Current Business. Data on the number of passports issued annually to U.S. citizens are to be found in the annual Summary of Passport Statistics issued by the U.S. Dept. of State's Bureau of Consular Affairs. Statistics on arrivals to and departures from the United States by air are reported by the Department of Transportation in cooperation with the U.S. Immigration and Naturalization Service in International Air Travel Statistics. Data on domestic travel, business receipts and employment of the travel industry, and travel expenditures are published by the U.S. Travel Data Center, a national nonprofit group for travel and tourism located in Washington, DC. Other data on household transportation characteristics may be found in section 21.

Historical statistics.—Tabular headnotes provide cross- references, where applicable, to Historical Statistics of the United States, Colonial Times to 1970. See Appendix IV.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1988*. For cross-references, see Appendix V.

# No. 356. VISITATION TO FEDERAL RECREATION AREAS, BY ADMINISTERING FEDERAL AGENCY: 1978 TO 1986

[In millions of visitor hours. For years ending September 30, except as indicated. Covers persons entering and using a recreation area over a specified period of time. For definition of visitor hour, see text, section 7. Data may not be comparable for all years]

ADMINISTERING FEDERAL AGENCY	1978	1979	1980	1981	1982	1983	1884	1980	1900
All areas Fish and Wildlife Service Forest Service U.S. Army Corps of Engineers National Park Service Bureau of Land Management Bureau of Reclamation 1 Tennessee Valley Authority	64 2,622 2,071 1,154 634 431	6,718 25 2,642 1,981 1,066 525 411 88	6,367 17 2,819 1,926 1,042 66 407 87	6,522 23 2,829 1,486 1,198 444 461 80	6,640 12 2,801 1,632 1,216 341 558 80	6,868 63 2,733 1,636 1,276 596 285 78	6,252 80 2,731 1,652 1,240 208 262 79	6,370 65 2,705 1,721 1,265 246 289 79	6,556 67 2,718 1,730 1,384 264 296 77

<sup>&</sup>lt;sup>1</sup> Calendar year data.

Source: 1978-1980, U.S. Heritage Conservation and Recreation Service, Federal Recreation Fee Report, annual; thereafter, U.S. National Park Service.

### No. 357. NATIONAL PARK SYSTEM-SUMMARY: 1970 TO 1986

(For fiscal years ending in year shown; see text, section 10, except as noted. Includes data for 5 areas in Puerto Rico and Virgin Islands, and 1 area in Guam. See also Historical Statistics, Colonial Times to 1970, series H 806-828)

		_		_						
ITEM	1970	1975	1979	1980	1961	1982	1982	1884	1985	1980
Finances (mil. dol.):										
Expenditures reported 1	. 138.8	341.8	462.8							1,003.6
Salaries and wages	. 62.5	152.1	238.3	259.3	302.6	320.1	353.0	363.5	360.0	382.9
Improvements, maintenance	15.5	40.4	67.9	77.3	82.3	96.3	102.4	136.4	127.4	119.6
Construction	23.9	85.5 63.8	76.7 99.9	126.8 110.8	123.2 664.8	72.9 521.2	87.5 465.1	93.3	64.7 480.2	125.1 375.2
		1			1					
Funds evallable 1	174.6	428.0	616.7				2,035.8			1,634.4
Appropriations		345.6 82.4	526.2 90.5	539.4 368.5	827.0 1.480.7	801.2 1.130.1	1,118.2 917.6	942.6 972.9	983.9 826.7	849.3 785.1
Other	8.8	17.2	21.1	21.1	22.9	25.5	33.1	36.2	50.6	50.7
The state of the s	. 0.0	17.2	21.1	21.1	22.0	25.5	33.1	30.2		J
Visits (millions): * All erees	172.0	238.8	282.4	300.3	329.7	334.4	335.6	331.5	344.9	3644
National parks 1	45.9	56.6	57.5	80.2	63.3	63.5	63.8	84.4	64.5	300
National monuments	17.3	17.3	16.6	16.3	17.1	18.2	18.5	18.1	19.0	241
National historical, archeological, and	1	''	1.0.0	10.0	1	10.2	10.0		10.0	
military areas	47.0	75.7	83.9	88.5	95.0	95.1	95.3	98.8	95.6	98.1
National parkways	. 27.8	36.0	36.0	40.2	43.8	45.1	47.8	48.7	50.5	53.2
National recreation areas *	. 11.5	23.9	41.3	48.1	51.1	52.9	54.4	52.5	56.4	60.0
National seashores	. 9.1	13.3	14.2	15.0	16.0	15.5	16.7	18.5	22.2	20.4
National Capital Parks 5	. 10.3	11.2	2.8	4.1	6.7	7.3	8.3	7.2	8.3	6.0
Miscellaneous other areas	1	2.6	31.5	26.0	37.3	36.8	31.7	25.4	28.4	31.
Overnight stays reported	. 16.2	16.7	16.0	16.5	17.0	16.9	16.1	16.3	16.1	16.
Cemper days		8.8	7.9	8.3	8.9	6.8	7.8	7.7	7.3	7.2
Tents	4.7	3.7	3.4	3.9	4.2	4.2	3.6	3.7	3.6	3.
In commercial lodgings	4.3	5.1	4.5	4.4	4.7	4.6 3.3	4.2 3.3	3.9 3.5	3.8	34
Other		3.9	4.1	4.1	4.1	4.8	5.0	4.8	4.9	1
	. 2.2	3.9	7.1	7.1	7.1	7.0	3.0	7.0	7.5	, ~·
Land (1,000 acres):								l		l
Total 6 7	. 28,543	29,091	70,797	70,936	73,665	74,800 45,414	74,846	74,913	75,749	75,86 45,79
Recreation areas		15,344 3,156	15,664	15,801 3,322	44,470 3.327	3,313	45,427 3,317	45,454 3,322	45,739 3,335	133
Other <sup>a</sup>	10 808	10.590	51,833	51.813	25.666	26,073	26,102	26,137	26.675	29.73
Acquisition, gross	63	110	31,033	121	70	40	46	43	34	
By purchase	74	70	65	109	l éŏ	37	43	42	29	l ā
By aift	1 1	(z)	4	1 7	6	3	1		2	l ši
By transfer or exchange	. 10	40	17	5	4	(z)	6	(z) 2	3	Ť
Exclusion	.] 2	(Z)	85	(z)	(z) 70	(z) 40	2 46	43	(Z)	1 3
		110								

Z Less than 1,000 acres. ¹ For 1970–1980; excludes transfers and allocations from appropriations to other agencies (e.g. Land and Water Conservation Fund, etc.). Beginning 1981, data reflect absorption by National Park Service of activities of forest Heritage Conservation and Recreation Service (e.g., Land and Water Conservation Fund); see text, section 7. ª Receipts deposited in Treesury; beginning 1975, receipts from annual admission permit (Golden Eagle Passport) and special recreation use fees are evaluate for NPS expenditure. ³ For calendar year. ³ Combined data for North Cascades National Parks total. ³ Beginning 1979, visits to some areas previously included in National Recreation Areas are included in National Parks total. ³ Beginning 1979, visits to some areas previously included in National Capital Parks now included in other areas. ³ Federal land only, as of Dec. 31. ³ On Dec. 1, 1976 over 40 million acres of public domain land in Alastica were added to the system. ⁵ Serveral areas of the National Park System were reclassified as national parks in 1981; therefore, data for 1970–1980 are not comparable with later years.

Source: U.S. National Park Service, visits, 1970, Campground Use in the National Park Service, annual; Camper Days in Areas Administered by the National Park Service, annual; and Public Use of the National Parks, monthly; 1975, Public Use of the National Park System, semiannual; thereafter, National Park Statistical Abstract, annual and unpublished data. Land, Index—National Park System and Related Areas, biannual. Other data are unpublished.

### No. 358. NATIONAL PARK SYSTEM-TYPE OF AREA: 1986

September 30. Totals include 5 areas in Puerto Rico and Virgin Islands, and 1 area in Guam. See also Historical Statistics, Colonial Times to 1970, series H 808-828]

TYPE OF AREA	Number of erees	Federal acreage	Recree- tion visits (mil.)	TYPE OF AREA	Number of areas	Federal acreage	Recree- tion vielts (mil.)
mei Perk System	336	75,002,404	201.1	National seashores	10	476,147 159,413	20.2 41.6
ni pertus	49	45,790,649	53.5	National lakeshores	1	143,007	
il perksil historical parks	28	92,897	25.1	National rivers	12	232,825	2.8 3.3
il monuments il military parksil il battleficids	76	4,536,747 33,098	21.2 4.7	National Capital Parks	1	6,469	6.9
ıl bettefeldə	11	9,176	2.4	Parks, other	12 17	30,907 3,337,062	9.9 54.8
il battiolieid parks il battiolieid site	3	7,451	1.6	National trails	3	62,591	(NA)
n battlefield site	1	1	(NA)	National preserves	12	20,899,682	1
il historic altesil memorials	63 23	16,333 7,865	12.4 19.0	National Mail White House	1	148 18	(NA) 1.1

Not available.

te: U.S. National Park Service, Index-National Park System and Related Areas, biannual.

### D. 358. SELECTED NATIONAL PARK SERVICE AREAS—ACREAGE, 1986, VISITS AND OVERNIGHT STAYS, 1984 TO 1986

reage as of December 31. Area selection based on minimum of 4 million visits or 200,000 overnight stays in 1986. For information on methodology and definition of "Visits", see text, section 7]

			VISIT	ns (mil.)	OVERNOONT			
AREA	Acre-			19	<b>86</b>	STAYS <sup>3</sup> (1,000)		
	(1,000)	1984, total	1986, 10tel	Total *	Rec- restion	1884	1986	1980
, all areas 4	79,401	332.7	346.2	364.6	261.1	16,325	16,116	16,31
National Park, ME	41	3.9	3.9	4.1	3.9	191	298	20
d National Park, TX	796	2	2	2	2	236	236	2
dge Parkway, NC, VA	62	19.2	21.2	21.5	17.1	220	230	2
od National Seashore, MA	44	4.6	4.4	4.0	4.0	21	17	1
dge Partwey, NC, VA od National Seashore, MA eathe and Chio National Historical MD, DC, WV	21	64	6.3	• 4.9	4.9	56	62	
rauge and Chattanooge National					"			
N PRE IN	8	17.6	15.5	15.8	1.2	3	3	i .
National Recreation Park, OK	•••••	5.2	6.1	4.3	2.0	82	93	١
I National Historical Park, VA	9	5.7	5.7	5.1	2.0	-	-	l
/alley National Monument, CA, NV	2,088	.6	.6	.6	.6	333	337	32
re Water Gap National Recreation		l		l		l	l	1 .
PA, NJ	66	5.2	4.6	4.6	2.2	92	91	1 9
y National Recreation Area, NY, NJ	26	8.0	8.7	9.0	8.9	18	10	2
Washington Memorial Parkway, VA, MD	7	8.2	8.8	9.1	9.1			21
National Park, MT	1,014	2.0	1.6	1.6	1.6	326	268	
Gate National Recreation Area, AZ, U1	1,237	2.1	2.2	2.5	2.4	1,602	1,669	1,97
Canyon National Park, AZ		18.8	16.4 3.0	21.6	21.6 3.0	112 778	737	é
•	1 '				٠.,			١.
Teton National Park, WY		2.2	2.1	2.2	1.3	482 486	452 479	4
mokey Mountain National Park, NC, TN	520	13.5	14.4	15.9	9.8	160		1
and National Seashore, MS, FL	140	5.8 5.4	9.9	7.6	7.6	15	153 16	' '
ings National Park, AR dence National Historical Park, PA	········· 🥵	4.8	5.2	5.6 5.0	1.2 5.0	15	10	i
anyon National Park, CA		و ا		1.0	1.0	272	289	l 2
and National Recreation Area, AZ, NY	1.496	8.5	7.2	8.0	7.8	1.389	1,486	1.5
Memoriel, DC		4.0	ac l	4.0	4.0	1,000	1,,	٠.٠٠
Trace Parlowey, MS, TN, AL	50	20.2	19.4	21.5	14.4	24	17	1 :
Capital Parks, DC. MD		7.2	8.3	6.6	6.6		1 "	1 '
National Park, WA	915	3.3	3.0	3.5	2.9	336	375	3
tational Scenic Riverways, MO		1.9	2.0	1.9	1.4	236	222	20
reek Park, DC	2	14.1	14.4	14.7	2.2	-		١ ـ
National Park, CA	403	1.0	.9	1.1	1.1	441	375	3
dosh National Park, VA	195	1.9	2.0	1.9	1.6	414	430	3
orge National Historical Park, PA		13.1	12.9	12.9	4.2		-	1
Veterans Memorial, DC	(Z)	2.3	4.0	5.4	5.4			۔ ا
Hand National Park, VI		1.0	1.0	1.1	.8	215	217	.2
tone National Park, ID, MT, WY	2,220	2.3	2.3	2.4	2.4	1,285	1,270	1.3
te National Park, CA		2.8	2.9	3.0	2.9	2,211	2,088	1,8
dional Park, UT	147	1.6	1.7	1.9	1.7	253	206	2

lapresents zero. Z. Less than 500 acres. I includes non-Federal land. Includes nonrecreation visits in some nemeroreation visits can not be counted; therefore, total visits equal recreation visits only. If The passing of one night by ar within a park, and occurs each night a visitor remains in the park, I includes areas not shown separately. Not rable with earlier years due to temporary closing.

tos: U.S. National Park Service, National Park Statistical Abstract, annual, and unpublished data.

# No. 360. NATIONAL FOREST RECREATION USE—SUMMARY, 1960 TO 1986, AND BY PLACE AND ACTIVITY, 1986

[For year ending September 30. Estimated. Represents recreational use of National Forest land and water which aggregates 12 person-hours; may entail 1 person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent. See also Historical Statistics, Colonial Times to 1970, series H 829-835]

1980	Camping 53,886 Pionicking 7,838 Recreation travel (mechanized) 51,723 Water travel 8,516 Games and teams sports 1,258 Water sking and other water sports 4,725 Swimming and scube diving 4,835	100.6 23.7 3.5 22.6 3.6
1981	Camping 53,886 Pionicking 7,838 Recreation travel (mechanized) 51,723 Water travel 8,516 Games and teams sports 1,258 Water sking and other water sports 4,725 Swimming and scube diving 4,835	3.5 22.6 3.6
1982	Camping 53,866 Pionicking 7,836 Recreation travel (mechanized) 51,723 Water travel 3,516 Games and teams sports 1,258 Water sking and other water sports 4,725 Swimming and scube diving 4,835	3.5 22.6 3.6
1983	Picnicing 7,838 Recreation travel (mechanized) 51,723 Water travel 8,516 Games and teams sports 1,258 Water skiing and other water sports 4,725 Swimming and scube diving 4,835	3.5 22.6 3.6
984	Recreation travel (mechanized) 51,723 Water travel 8,516 Games and teams sports 1,258 Water sking and other water sports 4,735 Swimming and scube diving 4,835	22.0 3.0
1985	Water travel 8,516 Games and teams sports 1,258 Water sking and other water sports 4,725 Swimming and scube diving 4,835	3.0
1986, total.   226,533   100.0	Games and teams sports	
Disservation sites	Water skiing and other water sports 472 Swimming and scube diving	
Disservation sites	Swimming and scube diving 4,835	
3,883   1.5		1 - 1
3,883   1.5		2.
Swimming sites, playgrounds, etc		6.
Campgrounds and trailheads		6.7
Picnic grounds	Hunting 15,276	0.4
Picnic grounds	Hiking and mountain climbing 12,740	5.0
Hotels Indians and reports A 444 21	Horseback riding	1.3
	Resort use 4,136	1.4
Organization sites		[ 1.0
Recreation residence sites	l	1 .
Ski areas and winter sports sites	Hecreation cabin use 5,924	3.1
Documentary areas, concession sites,	Getnering forest products 4,800	2.1
visitor centers	Nature study	
	andronment 11 129	4.5
Dispersed areas 144,152 63.6	Visitor information (exhibits, talks, etc.) 3,479	iž
Roads (recreation)	, <b>I</b>	
Trails (recreation) 12.881 5.		Į.
Airfields 17 (z		ŀ
Waters 25,257 11.		ł
General undeveloped areas		i

X Not applicable. Z Less than .05 percent.

Source: U.S. Forest Service, unpublished data.

# No. 361. RECREATIONAL USE OF PUBLIC LANDS ADMINISTERED BY BUREAU OF LAND MANAGEMENT, 1982 TO 1986 AND BY STATE, 1986

[In thousands. For year ending Sept. 30, See text, section 7]

1		Total visitor hours	TYPE OF RECREATION USE										
STATE				Land-ba	sed recre	Water-based recreation							
	Number		Motorized travel			Site b	esed		activities			Snow- and ice-based	
	of visits		Offroed vehicle travel	Other motor- ized travel	Non- motor- ized travel	Camp- ing	Hunt- ing	Other	Fish- ing	Boat- ing	Other	recreation- al activity, winter sports	
1982		316,959	19,471	32,646	11,237	63,928	108,996	44,587	19,287	10,101	1,043	5,663 2,917	
1963	56,270	334,010	24,397	35,534	12,237	84,066		39,734	20,290	16,669	4,992	2,917	
1964		271,373	21,346	25,433	9,579	73,032		37,650	14,263	11,184	2,092	2,804	
1985	51,739	244,612	36,995	24,053	10,047	65,397	51,842	23,096	14,254	11,710	2,193	5,023	
1986, total	54,253	284,142	49,688	25,866	14,307	95,198	35,570	19,331	18,227	15,891	3,961	6,025	
AK		4,819	32	202	78	3,513	437	97	252	154	3	51	
AZ		35,660	1,443	166	418	25,754	4,378	1,794	472	616	615		
CA		104,032	29,820	10,930	5,080	31,652	10,892	10,051	791	3,048	1,933	36	
∞	4,540	15,588	750	2,287	652	2,346	3,237	471	4,121	1,253	23	446	
	3,342	22,188	1,045	535	511	7,313	2,549	710	2,496	2,325	452 36	4,246 203	
NV		10,208	2,424 3,623	1,126 831	336	2,748	1,435	258 273	1,231	333 236	124	41	
NM	1,458 1,328	15,150 7,534	574	561	1,000 803	5,343 840	2,039	1,033	1,640 578	274	141	2	
OR *		20,953	922	1,480	596	5,561	2,744	1,235	4,677	3,178	390	191	
ŬΤ		37,354	8,661	6.888	4,620	6,907	2.374	2,303	906	4,227	223	241	
WY	1,549	10,658	394	880	304	3,221	3,052	1,106	1,061	247	11		

<sup>1</sup> Includes North Dekota and South Dekota. 2 Includes Washington.

Source: U.S. Bureau of Land Management, Public Land Statistics, annual.

#### NO. 362, STATE PARKS AND RECREATION AREAS—STATES: 1986

[For year ending June 30. Data are shown as reported by State park directors, in some States, park agency has under its control forests, fish and wildlife areas and/or other areas. In other States, agency is only responsible for State parks. For composition of regions, see fig. I, instead short cover)

	1177		TORS 000)	OPERA BUDG					TORS (000)	OPERA BUDG	
DIVISION AND STATE	Acre- age (1,000)	Total 1	Day	Total (\$1,000)	Per- cent of State budg- et	DIVISION AND STATE	Acre- age (1,000)	Total <sup>1</sup>	Day	Total (\$1,000)	Per- cent of State budg- et
U.S	13,726	675,465	609,611	799,851	(x)	So. Atl.—Con.	05	D. a.	(0.0	1	
N. Eng	The second second	29,902	27,797	48,816	1	WV	206	8,933	8,147	6,890	.43
ME		2,638	2,382	3,245	(x)	NC	124	6,262	5,967	6,138	.11
NH		3,866	3,665	6,338	.57	SC	79	8,366	7,359	12,088	.24
VT	171	819	506	2,941	.37	GA	61	12,806 13,659	9,604	16,733	.35
MA	265	11,740	10.897	17,619	.19			1000000	100000000000000000000000000000000000000		100
RI		4,102	4,011	5,173	49	E. So. Cent	245	57,015	53,543	106,735	(X)
CT		6,737	6,336	13,500	.30	KY	133	23,492	22,451	51,811 30,325	.88
Mid. Att	836	84,696	79,852	133,543	(x)	AL	48	6,577	5,705	14,330	.24
NY	256	36,920	34,124	89,576	.88	MS	21	4,691	4,238	10,269	.28
NJ		9,599	9.063	15,900	.44	W. So. Cent	383	43,976	33,843	64,197	(x)
PA	282	38,177	36,665	28,067	.29	AR	44	6,490	5,806	14,907	1.04
E. No. Cent	952	139,899	128,484	98,462	144	LA	38	1,100	788	6,085	.09
OH		64,560	61,973	35,100	(X)	OK		16,042	9,175	16,645	.83
IN.	54	9,119	7,509	9,157	.12	TX	206	20,344	18,074	26,560	.30
IL.		32,407	31,880	25,676	.13	Mt	1.051	32,326	26,656	40.245	(x)
MI		22,728	17,459	18,604	.34	MT		3,975	3,624	3,526	(X)
WI	119	11,085	9,663	9,925	.34	ID	93	2,297	2,115	2,739	.16
		103-45	100,000	1 1 1 1 1 1 1 1 1	1,000	WY		1,856	1,412	2,653	.16 .62 .20 .26 .36
W. No. Cent		49,317	43,660	51,839	(x)	CO	328	7,737	7,280	7,451	.20
MN		4,406	3,959	11,865	.30	NM	119	6,280	4,192	6,221	.26
IA	83	14,223	12,865	5,207	.25	AZ	79	2,314	2,044	5,155	.36
MO	105	11,759	10,789	15,965	28	UT	116	5,288	3,622	9,794	.87
ND	15	850	752	1,289	.11	NV		2,578	2,367	2,706	
SD	92	5,284	4,970	4,512	.55	Pac		174,636	159,965	170,509	(x)
NE	147	8,575	7,546	8,073	.67	WA	249	47,654	45,424	22,415	.26
KS	37	4,220	2,779	4,928	.15	OR	. 89	36,158	34,362	14,450	(X) .26 .22 53
So. Att.	1,076	63,699	55,812	85,507	(x)	CA	1,247	69,254	62,535 2,589	123,132 5,882	(NA
DE	11	3,499	3,105	4,273	.31	HI	25	15,256	15,055	4,630	(NA
MD	270	6,777	6,223	13,247	.20	7	1 20	10,000	.0,000	1,550	1.30
VA	53	3,397	2,930	5,714	.07			1	1		

MA Not available. X Not applicable. I Includes overnight visitors.

Source: National Association of State Park Directors, Indianapolia, IN, Annual Information Exchange.

### No. 363. Personal Consumption Expenditures for Recreation: 1970 to 1986

(in billions of dollars, except percent. Represents market value of purchases of goods and services by individuals and nonprofit institutions)

TYPE OF PRODUCT OR SERVICE	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
Total recreation expenditures	42.7	70.2	106.2	115.0	128.6	138.3	152.1	168.3	183.8	198.0
Percent of total personal consumption 1		6.9	6.8	6.6	6.7	6.7	6.8	6.9	7.0	7.1
Books and maps	2.9	3.6	5.2	5.6	6.2	6.6	7.2	7.8	8.2	8.7
Magazines, newspapers, and sheet music	4.1	6.4	9.5	10.4	11.0	11.4	12.0	12.7	12.9	13.7
Nondurable toys and sport supplies	5.5	9.0	13.4	14.6	16.0	16.8	18.0	19.7	20.9	21.8
Wheel goods, durable toys, sports equipment 2	5.2	10.5	17.3	17.2	18.7	19.3	20.4	24.8	25.9	27.0
Radio and television receivers, records, and musical	100	10.3	-		100					
instruments	8.5	13.5	18.8	19.9	22.0	24,5	28.2	31.5	36.1	40.8
Radio and television repair		2.2	2.5	2.6	2.7	2.8	2.8	2.8	3.1	3.2
Flowers, seeds, and potted plants	1.8	2.7	3.8	4.0	4.4	4.5	4.8	5.2	5.7	6.5
Admissions to specified spectator amusements	3.3	4.3	6.3	6.5	6.9	7.8	8.6	9.5	9.6	10.3
Motion picture theaters	1.6	2.2	2.9	2.7	2.9	3.3	3.6	3.9	3.7	3.9
Legitimate theaters and opera, and entertainments of	1,000	-	-	-		-		100	100	777
nonprofit institutions 3	.5	.8	1.5	1.8	2.0	2.1	2.4	2.7	3.0	3.4
Spectator sports		1.3	1.9	2.0	2.0	2.3	2.6	2.9	2.9	3.1
Clubs and fraternal organizations 4		1.9	2.7	3.0	3.4	3.8	4.2	4.5	5.1	5.4
Commercial participant amusements 3	2.4	4.9	8.4	9.7	11.7	12.5	13.6	14.1	14.9	15.6
Pari-mutuel net receipts	1.1	1.7	2.0	2.1	2.2	2.2	2.3	2.6	2.6	2.6
Other 6	5.1	9.7	16.4	19.4	23.4	26.0	30.0	33.1	39.0	42.3

<sup>1</sup> See table 678,
2 Includes boats and pleasure aircraft.
2 Except athletic.
4 Consists of dues and fees excluding insurance premiums.
5 Consists of billiard partons; bowling alleys; dencing, riding, shooting, stating, and swimming places; assussment devices and parks; golf courses; sightseeing buses and guides; private flying operations and other commercial participant armasements.
5 Consists of net receipts of lotteries and expenditure or purchase of pats and pot care services, cable TV, film processing, photographic studies, sporting and recreation camps, and recreational services, not elsewhere classified.

Source: U.S. Bureau of Economic Analysis, The National Income and Product Accounts of the United States, 1929-1982; and Survey of Current Business, July issues.

### NO. 364. AVERAGE ANNUAL EXPENDITURES OF ALL CONSUMER UNITS FOR ENTERTAINMENT AND READING. BY SELECTED CHARACTERISTICS: 1984 AND 1985

[in dollars, except as indicated. Based on Consumer Expenditure Interview Survey; see text, section 14, for description of survey. See also headnote, table 888]

1986, all consumer units	1,226 744 1,330 1,890	Percent of total expendi- tures 5.3 8.5 5.7 6.1 6.0	973 1,085 880 1,201	Fees and admis- sions 313 320	Television, radios, and sound equipment	Other equipment and services	
Age of reference person: Under 25 years old	1,226 744 1,330 1,890	5.5 5.7 6.1	1,085 880	320 197	355		132 141
1986, all consumer units	1,226 744 1,330 1,890	5.5 5.7 6.1	1,085 880	320 197	355		
Age of reference person: Under 25 years old	744 1,330 1,890	5.7 6.1	880	197	555	_	,
Under 25 years old	1,330 1,890	6.1					
25-34 years old	1,330 1,890	6.1				224	64
25-5- years Oid	. 1,890		1,201		260 414	486	126
		I 6.U	1.518	296 428	461	630	172
35-44 years old		5.4		434	468	506	177
45-54 years old			1,409			371	
55-64 years old		5.0	1,025	328	326		153
65-74 years old	. 801	4.7	661	259	209	193	140
75 years old and over	. 414	3.4	317	133	117	66	97
Region of residence:	1		ll	٠			
Northeast		5.5	1,024	350	356	318	100
Midwest		5.7	1,085	321	320	444	148
South		5.0	979	256	346	377	117
West	. 1,482	6.0	1,340	396	421	520	142
Size of consumer unit:	1 -		lj			1	
One		5.4	616	207	242	167	103
Two persons	1,149	5.2	995	309	307	379	154
Three persons	1,497	5.6	1,338	367	450	522	156
Four persons	1,734	5.8	1,566	451	504	610	166
Five persons	1,859	6.3	1,707	434	447	626	152
Six persons or more		5.0	1.177	332	425	421	114
Income before taxes:	1		1			1	
Complete income reporters <sup>2</sup>	1.246	5.5	1.103	322	363	417	143
Under \$5,000		5.1	512	178	173	161	74
\$5,000-\$9,999		3.9	379	95	153	131	7
\$10,000-\$14,999	761	5.1	661	164	279	218	100
\$15,000-\$19999		4.8	737	213	268	238	123
\$20,000-\$29,999	1.257	5.6	1.112	276	381	455	146
\$30,000-\$39,999		5.6	1.363	394	476	514	177
\$40,000 and over	2.639	8.2	2.377	762	665	950	262
Incomplete reporters of income	1.089	5.4	948	306	295	344	123

<sup>&</sup>lt;sup>1</sup> Some expenditures for vacation trips are not included in this category, such as food, lodging, and vehicle expenses.
<sup>2</sup> A complete reporter is a consumer unit that provided values for at least one of the major sources of income.
Source: U.S. Bureau of Labor Statistics, Consumer Expenditure Survey, Interview Survey, annual.

#### No. 365. Sporting Goods Sales, by Product Category: 1980 to 1987

[In millions of dollars except as indicated. Based on a sample survey of consumer purchases of 80,000 households, except recreational transport, which was provided by industry associations]

SELECTED PRODUCT CATEGORY	1900	1981	1962	1962	1984	1980	1980	186 pro
Sales, all products		16,725	18,684	23,111	26,401	27,446	30,614	32,20
Percent of retail sales	1.74	1.80	1.75	1.97	2.04	1.99	2.22	(N
hietic and sport clothing 1	3,127	3,201	3,014	3,226	3,432	3,376	3,951	41
histic and sport footwear	1,731	1.785	1.900	2,189	2.381	2,610	3,119	ود
Gym shoes, sneekers	465	616	659	639	669	656	566	5
Jogging and running shoes	397	372	421	557	591	572	545	Ś
Tennis shoes	359	264	287	340	371	470	448	l ă
Aerobic shoes	(NA)	(NA)	10	29	54	178	333	1 3
Basketball shoes	`86	l 'Bó	81	119	150	185	187	l ž
Golf shoes	66	78	99	115	110	109	120	1 7
Baseball shoes	56	58	48	66	87	103	96	li
hietic and sport equipment		6.762	7,114	7,925	8.317	6.522	9,477	9.7
Firearms and hunting	1,351	1,454	1.567	1.666	1.820	1,899	1,675	17
Fishing tackle	539	660	566	606	616	881	773	'7
Camping	646	663	735	790	699	724	833	1
3off	388	413	493	633	630	730	828	1
now skiing	379	307	332	366	502	593	622	1 2
~~~ ~~~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			, ,,,,		294	309	359	1 3
Optics	(NA)	(NA)	(NA)	(NA)				3
Tennis	237	254	277	293	315	273	260	1 3
Vrchery	149	169	188	179	212	212	214	4
Beseball and softball	156	157	154	173	153	178	180	1 :
Vater skis	123	123	106	133	146	125	132	Ι ΄
· · · · · · · · · · · · · · · · · · ·	173	146	124	199	100	117	117	1 1
Sowling accessories	107	107	103	106	106	106	114	l:
greational transport	5,345	6,977	6,566	9,771	12,271	12,530	14,007	144
Skycles and supplies		1,299	1,148	1,636	1,840	2,109	2,518	2,1
Pleasure boots	2,718	3,666	3,684	4,612	6,209	6,753	7,372	7,7
Recreational vehicles	1,178	1,820	1,701	3,366	4,082	3,515	3,940	14
Snowmobiles	216	202	123	153	140	162	177	1 1

NA Not available. <sup>1</sup> Category does not completely cover all sales.

Source: National Sporting Goods Association, Mt. Prospect, IL., The Sport Goods Market in 1987, and prior issues. (Copyright.)

NO. 388. QUANTITY OF BOOKS SOLD AND VALUE OF U.S. DOMESTIC CONSUMER EXPENDITURES, BY TYPE OF PUBLICATION AND MARKET AREA: 1975 TO 1986

(includes all titles released by publishers in the U.S. and imports which appear under the imprints of American publishers. Multivolume sets, such as encyclopedias, are counted as one unit)

TYPE OF PUBLICATION AND MARKET AREA	1975	1975	1977	1979	1979	1986	1961	1962	1986	1984	1980	1985, prel.
UNITS SOLD (MIL)												
Total 1	1,541	1,500	1,500	1,700	1,790	1,056	1,500	1,924	2,045	2,012	2,044	2,033
Hardbound, total	526 1,015	547 1,042	573 1,093	601 1,169	629 1,170	669 1,167	742 1,153	890 1, 233	749 1,297	788 1,224	831 1,213	841 1,192
Trade	272 182	206 193	320 217	366 255	375 285	487 369	495 372	518 366	614 409	612 424	696 455	672 448
Juvenile	90 96 51	95 113 57	103 128 61	101 135 72	90 145 85	116 152 103	123 149 110	162 157 125	206 153 139	196 162 129	210 144 140	225 143 158
Bookclubs	195 257	214 244	215 242	202 244	158 246	127 217	128 218	121 220	121 222	111 231	107 238	103 229
College text	84 85 491	84 104 475	108 500	91 117 539	101 130 548	116 145 495	119 162 508	119 136 517	122 121 542	114 103 541	110 111 519	111 512
General retailers	595	618 203	663 214	744 229	775 223	841 242	867 245	911 251	1,019	1,004	1,023	1,032
Libraries and institutions Schools	73 309	73 295	78 298	82 285	87 269	93 271	200	88 257	89 253	90 263	94 270	95 260
Other	266 83	315 85	326 81	344 84	347 78	328 60	348 89	320 96	369 109	264 111	285 115	263 116
CONSUMER EXPENDITURES (mil. dol.)				1						}		
Total 1	4,636	5,500	6,300	7,231	7,948	8,854	6,068	10,549	12,012	12,837	14,072	14,984
Herdbound, total Softbound, total	3,276 1,693	3,663 1,928	4,032 2,269	4,646 2,585	5,143 2,865	5,731 3,123	6,463 3,444	6,601 3,949	7,574 4,438	8,136 4,701	8,924 5,146	9,580 5,425
Trade	1,092 888	1,220 963	1,439 1,160	1,850 1,379	1,866 1, 563	2,349 1,954	2,005 2,242	2,824 2,325	3,481 2,881	3,810 3,150	4,486 3,889	4,873 3,924
Juvenile	226 358 590	237 453 662	259 520 788	279 552 1,053	303 628 1,158	395 667 1,453	453 763 1,856	499 636 1,871	997 2,136	1,130 2,207	1,130 2,415	949 1,160 2,806
Bookclubs	336 663	382 885 665	414 753 725	472 834 819	932 957	473 890 1,136	487 931 1,299	1,002 1,429	530 1,108 1,577	519 1,251 1,626	544 1,420 1,707	557 1,520 1,799
Mell order publications Mess market paperbacks	321	403 741	426 897	472 981	531 1,011	592 967	985 1,008	588 1,199	552 1,338	5 <b>69</b> 1,433	597 1,479	589 1,452
General retailers	895	1,791 1,005	2,123 1,140	2,500 1,319	2,836 1,383	3,341 1,803	3,891 1,833	4,224 2,037	5,095 2,326	5,536 2,428	6,159 2,615	6,578 2,768
Libraries and institutions Schools	645	502 885 1.311	561 945 1,411	1,014 1,616	747 1,113 1,749	846 1,176 1,764	1,191 1,959	984 1,280 1,897	1,037 1,384 1,985	1,110 1,522 2,018	1,227 1,709 2,113	1,332 1,819 2,218
Other	94	108	120	130	1119	124	147	163	204	224	249	280

<sup>&</sup>lt;sup>1</sup> Includes university press publications and subscription reference works not shown separately by type.
Source: Book industry Study Group, Inc., New York, NY, Book Industry Trands, annual. (Copyright.)

#### No. 367. SELECTED CHARACTERISTICS OF READERS—PERCENT DISTRIBUTION: 1983

[Covers persons 16 years old and over. Book reader is one who read one or more books in the six months prior to the survey; a non-book reader read newspapers or magazines but no books in the previous six months; and a nonreader did not read a book, newspaper, or magazine. Based on a sample survey of 1,429 respondents. For composition of regions, see fig. I, inside front cover]

CHARACTERISTICS	Book reader	Non- book reader	Non- reader	CHARACTERISTICS	Book reader	Non- book reader	Non- reader
All persons  Male Fernale White Other races 16-20 years. 21-29 years. 20-39 years. 40-40 years. 50-64 years. 65 years and over	42 57 52 38 62 60 56 55 39	44 52 37 44 47 31 36 39 54 61	6 6 6 4 15 8 3 3 6 6	Educational attainment: High school or less Some college College or more Household income: Less then \$15,000. \$15,000-\$24,999 \$25,000-\$39,999 \$40,000 and over Region: Northeast Midwest South West	75 36 53	53 29 24 54 41 39 29 46 49 45	8 3 1 11 6 3 1 5 5 7 7 7

Source: Book Industry Study Group, Inc., New York, NY, 1863 Consumer Research Study on Reading and Book Purchasing. (Copyright.)

### No. 368. New Books and New Editions Published, and Imports, by Subject: 1980 to 1986

[Covers listings in Bowker's Weekly Record in year shown, plus titles issued in that year which were listed in following six months. Comprises new books (published for first time) and new editions (with changes in text or format). Excludes government publications; books sold only by subscription; desertations; periodicals and querteriles; and pemphets under 49 pages. Data for imports in 1982 are not available. See also Historical Statistics, Colonial Times to 1970, series R 191-216]

		NE	W BOOK	AND NE	W EDITION	18				IMPO	RT8		
SUBJECT	1980	1961	1962	1983	1964	1983	1986, prel.	1980	1981	1983	1964	1985	1986 prel.
Total	42,377	48,793	46,935	53,300	51,068	50,070	42,793	5,390	3,830	5,918	6,337	7,304	5,90
Agriculture	461	474	439	572	507	536	445	104	65	87	103	118	8
Ařt	1.691	1.693	1,722	1,896	1.836	1.545	1,316	157	124	137	61	166	14
Biography	1.691	1,860	1,752	2,135	2,098	1,953	1,729	126	79	150	240	216	15
Biography Business	1,185	1,342	1,327	1,836	1.696	1,518	1,349	74	46	132	140	196	13
Education	1,011	1,172	1,046	1,059	1.052	1.085	841	133	93	140	190	211	17
Fiction General	2,835	5,655	5,419	5,470	5,413	5,105	4,877	71	56	127	184	171	16
works	1,643	1.743	2.398	2.767	3.021	2.905	1.970	132	104	241	268	329	26
History Home	2,220	2,321	2,177	2,296	2,257	2,327	1,936	298	166	291	324	329 3 <b>9</b> 5	26 26
econom-		l						ا ا	_				_
ics	879	1,108	1,099	1,325	1,306	1,228	894	40	. 9	43	41	41	3
Juvenile	2,859	3,102	3,049	3,197	3,128	3,801	3,812	58	32	72	69	92	. 9
Language	529	761	576	669	670	632	562	134	75	160	179	216	19
Law	1,102	1,448 1,777	1,451	1,756	1,406	1,349	1,077	112	82	141	158	170	13
Literature	1,686	1,777	1,742	1,957	2,006	1,964	1,800	183	124	200	238	267	21
Medicine	3,292	3,788	3,229	4,002	3,554	3,579	2,731	671	455	474	508	596	49
Music Philosophy, psycholo-	357	398	346	417	387	364	292	35	28	60	54	70	5
gy Poetry and	1,429	1,465	1,465	1,578	1,554	1,559	1,369	218	148	163	211	267	21
drama	1,179	1,183	1,049	1,234	1.184	1,166	1,056	120	97	168	174	220	18
Religion	2,055	2.278	2,075	2.433	2.482	2.564	2,212	94	73	119	160	173	10
Science	3,109	3,375	3.124	3,620	3.236	3,304	2,570	1.069	752	1.042	1.032	1,242	92
Sociology, econom-	0,	5,510	5,.21	5,525	5,250		<b>5,</b> 0.0	,,,,,,		.,02	,,,,,,	.,	-
ics Sports,	7,152	7,801	7,449	8,470	7,794	7,441	6,471	1,050	835	1,294	1,373	1,559	1,26
recreation	971	1,264	1,191	1.335	1,299	1,154	962	85	52	136	137	107	8
Technology	2.337	2,313	2.328	2.994	2.639	2,526	2,110	373	283	481	454	419	49
Travel	504	472	482	562	551	465	412	55	32	60	61	61	3

<sup>&</sup>lt;sup>1</sup> Increase is due largely to a major improvement in the recording of paperbound books.
Source: R. R. Bowker Co., New York, NY, Publishers Wealth, (Copyright by Reed Publishing.)

# No. 369. BOOKS AND PERIODICALS—AVERAGE RETAIL PRICES: 1975 TO 1986 [See headnote, table 368]

BOOKS (per vol.) PERIODICALS 3 SUBJECT SUBJECT 1986, prel. 1975 1980 1965 1980 1985 prei. Hardcover 1 ..... \$16.19 824.64 \$31.46 \$31.22 Total \$19.94 \$34.54 \$59.70 905.00 26.05 44.41 238.43 13.31 84.36 27.03 25.55 Agriculture
Business and economics
Chemistry and physics
Children's periodicals 9.70 15.26 76.84 4.69 26.84 13.72 36.77 37.81 15.24 28.71 37.81 33.96 22.46 30.33 25.63 16.37 37.06 17.90 14.09 16.54 35.15 22.20 25.42 137.45 47.15 27.70 19.77 47.15 264.05 13.76 92.66 26.28 26.04 28.84 27.28 15.29 37.91 7.85 49.15 But 22.45 17.01 ...... 10.81 Education..... Engineering ...... 12.46 29.84 22.78 Fiction......General reference ..... 8.31 11.09 18.67 15.77 ..... 21.60 History..... 11.14 24.63 20.70 27.34 18.84 15.85 10.27 27.02 17.50 9.95 14.24 41.04 35.09 45.59 39.75 47.54 lory ..... 19.02 10.51 13.31 8.16 22.16 33.25 14.70 46.08 34.75 35.15 5.82 15.80 Language..... 28.68 41.70 30.58 48.02 Labor and industrial relations...... 37.14 36.44 Law Literature Medicine 23.22 15.00 23.00 18.70 34.28 21.79 14.89 22.15 24.53 44.36 25.42 47.**6**6 14.18 23.25 40.66 42.82 47.66 32.36 29.00 23.71 21.59 53.59 29.70 23.55 14.83 12.75 28.79 28.11 10.41 25.21 21.70 129.95 151.77 24.85 40.47 10.76 11.16 22.81 35.95 42.38 9.05 116.93 137.92 17.85 17.61 67.54 73.37 14.73 22.14 19.13 37.45 31.76 15.92 24.30 37.81 51.19 Philosophy and religion ..... Sociology, economics Sports, recreation Technology 33.33 23.43 50.37 21.65 10.97 14 72 23 45 23.72 32.72 76.34 50.87 24.78 35.19 83.71 56.31 19.66 15.43 33.84 16.80 7.80 53.10 13.83 12.79 27.51 14.85 27.37 24.66 23.23 Travel ... 19.30 \*sychology ..... 41.95 27.56 Paperbacks: Sociology and anthropology ..... Mass market \*...... Trade or other...... Zoology...... General interest periodicals..... 1.46 5.24 90.75 28.41 (NA) 8.60 13.96 14.65 19.87

NA Not evallable. <sup>1</sup> Excludes publications of U.S. and other governmental units, books sold only by subscription, and desertations. <sup>2</sup> "Pocket-sized" books sold primarily through magazine and news outlets, supermerkets, variety stores, etc. <sup>2</sup> Average annual subscription prices.

Source: R. R. Bowker Co., New York, NY. Books, *Publishers Weekly*, Merch, 1987; *The Bowker Annual of Library and Book Trade Information*; Periodicals, *Library Journal*, April 15, 1986, and earlier issues. (Copyright by Reed Publishing.)

No. 370. PHONOGRAPH RECORDS AND OTHER RECORDING MEDIA-MANUFACTURERS' SHIPMENTS, VALUE, AND NEW PRODUCT RELEASES: 1973 TO 1986

[Domestic shipments based on reports of manufacturers representing more than 65 percent of the market. Domestic value data based on list prices of records and other media]

TYPE OF MEDIA	1973	1975	1973	1979	1985	1981	1982	1983	1984	1965	1965
UNIT SHIPMENTS 1 (mil.)			1								
Total	614.0	531.8	726.2	701.8	663.7	635.4	577.7	578.0	679.8	952.9	818.3
Phonograph records	508.0	421.0	531.3	513.8	487.1	449.9	361.1	334.4	336.1	287.7	219.1
Long-playing albums	280.0	257.0	341.3	318.3	322.8	295.2	243.9	209.6	204.6	167.0	125.2
Singles	228.0	184.0	190.0	195.5	164.3	154.7	137.2	124.8	131.5	120.7	93.9
Pre-recorded	106.0	110.8	194.9	187.5	196.6	185.5	196.6	242.8	337.9	342.6	346.2
8-track certridges	91.0	94.6	133.6	104.7	86.4	48.5	14.3	6.0	5.9	3.5	1.7
Cassettes	15.0	16.2	61.3	82.8	110.2	137.0	182.3	236.8	332.0	339.1	344.5
Compact disks	(x)	(x)	(x)	(00)	(20)	(X)	(X)	.8	5.8	22.6	53.0
MANUFACTURERS' VALUE (mil. dol.)			i								
• • • • • • • • • • • • • • • • • • • •		l	l <b>.</b>	l			l	l	l <b>.</b>		
Total		2,378.3	4,131.4	3,606.4	3,606.4	3,900.9	3,641.8	3,814.3	4,370.4	4,387.8	4,851.2
Phonograph records	1,436.0	1,696.5	2,733.6	2,411.4	2,559.6	2,598.1	2,208.1	1,958.3	1,647.5	1,561.5	1,211.1
Long-playing albums	1,246.0	1,485.0	2,473.3	2,136.0	2,290.3	2,341.7	1,925.1	1,689.0	1,548.8	1,260.5	983.0
Singles	190.0	211.5	260.3	275.4	260.3	256.4	283.0	268.3	298.7	281.0	228.1
Pre-recorded	565.0	661.6	1,397.8	1,274.0	1,302.8	1,371.8	1,433.5	1,836.8	2,419.6	2,436.8	2,510.0
8-track certridges		583.0	948.0	669.4	526.4	309.0	49.0	27.9	35.7	25.3	10.5
Cassettes	76.0	96.8	449.8	604.6	776.4	1,062.8	1,384.5	1,810.9	2,383.9	2,411.5	2,499.5
Compact cases	(x)	∞	∞	(X)	∞	(x)	(x)	17.2	103.3	389.5	930.1
NEW PRODUCT		1		1			i	l			ļ
RELEASES		İ	!	1	ŀ						Ì
Total	(NA)	(NA)	12,780	12.025	10,955 6,705	8.910	8.485	7,520	8,485	8.915	(NA)
Phonograph records	<b>33</b>	LANG	7.280	12,025 6,925	6,706	5,460	<b>8,486</b> 5,375	5.015	4,850	5,460	DNA
Long-playing albums	(MA)	ina	4,170	3,575	3,030	2,810	2.630	2,300	2,170	2,300	(NA)
Long-playing albums Singles	in	i hui	3,110	3,350	3,675	2.650	2,745	2.715	2.650	3,100	(NA)
Pre-recorded	(MA)	(NA)	5,500	5,100	4,250	3,450	3,110	2,125	2,400	2,395	I (NA)
8-track certridges	(NA)	MAS	2,450	2.075	1,525	965	460	- 60			INA
Cassettes	(MA)	(NA)	3,050	3,025	2,725	2,465	2,710	2,065	2,460	2,395	(MA)
Compact disks	00	(00)	00	60	60	(0)		380	1,155	1,160	(NA)

<sup>-</sup> Represents zero. NA Not available. X Not applicable.

Source: Recording Industry Association of America, Inc., New York, NY, Inside the Recording Industry: A Statistical Overview-1996 Update (copyright) and press releases.

#### No. 371. CONSUMER ELECTRONICS—SHIPMENTS AND RETAIL VALUE: 1985 AND 1986

[Compiled from reports of associations and manufacturers. Shipments represent number of units available for sale in the U.S., including imports. Retail value represents madien price of product times the number of units shipped]

PRODUCT	MANUFAC SHIPM (1,0	ENTS	VA	TAIL LUE dol.)	PRODUCT		CTURERS MENTS 000)	VA	TAIL LUE dol.)
	1985	1986	1985	10000		1985	1986	1985	1986
Video:	-			Home office—Con.	177.5	7.71			
TV, B&W	3.745	3.730	367	364	Radar detectors	1.227	1,688	187	263
TV, color		18,855	7,250	7.632	Radios, citizen band		1,884	135	146
TV, projection	261	315	437	664	Radios, specialty		8,154	(NA)	477
Videocassette recorders	11.912	12.685	(NA)	5,067	Telephone equipment:	0,100	0,101	had	1
Video cameras		181	266	118	Cellular telephones	(NA)	265	(NA)	423
Videodisc players	179	125	51	25	Corded telephones		23,768	983	1.006
Audio/hitt:	1/9	125	31	25	Cordless telephones		4.279	380	410
Autosound	21.763	24 525	4 007	0.000	Telephone answering	4,010	-,2,0	-	314
		21,625	1,987	2,022	devices	3.306	3.584	371	371
Components		10,914	1,653	2,041	Computers & videogames:	5,500	0,004		9.
Tape decks		908	156	176	Monitors	(NA)	950	(NA)	190
Cartridges (excl. OEM)		2,795	94	86	Personal computers		3.075	(NA)	2.983
Compact disk players	850	1,384	264	357	Printers		1,568	(NA)	1,071
Compact systems		2,484	433	421	Videogames hardware	(NA)	2,336	(NA)	205
Headphones	3,167	3,425	134	140	Videogame cartridges		9.850	(NA)	180
Personal portable stereos	6,972	8,369	(NA)	422	Software:	(MA)	9,000	lient	100
Portable tape equipment	27.626	30,635	1,333	1,449		266,168	268,500	570	451
Racked systems	877	954	528	560	Blank videotape		192,655	1,132	1,106
Radios	27,528	29.896	808	845	Beta		29.024	210	170
Speakers (components	-,,,,,,,	(00,000		2.00	VHS		162,631	923	924
only)	3,345	3,789	474	535	Prerecorded videotape	43,100	65,441	1,913	2.416
Electronics furniture	6,260	6,857	930	1.037	Beta	7,430	6,707	301	246
Home office:	5,200	0,00.	-	1,00,	VHS		58,234	1,613	2,160
Calculators	33,166	31,318	930	727	Videodiscs, lasers	7,200	10,040	(NA)	326
Hand-held	27.825	25,750	466	283		205,063	425,000	(NA)	680
Electronic typewriters	850	2,038	185	446	Home computer software	(NA)	18,175	(NA)	495
Facsimile machines	(NA)	181	(NA)	584	Tronia computer sonware	(Lev)	10,170	fresh	400

NA Not available.

Source: Dealerscope Merchandleing, Philadelphia, PA, Merchandleing, 65th Annual Statistical and Marketing Report.

<sup>&</sup>lt;sup>1</sup> Units net after returns.

### Parks, Recreation, and Travel

### No. 372. SELECTED SPECTATOR SPORTS: 1970 TO 1986

[See also Historical Statistics, Colonial Times to 1970, series H 865-870 and H 872]

SPORT	Unit	1970	1975	1980	1981	1982	1983	1984	1985	1986
Baseball, major leagues: 1	-									
Attendance	1,000	29,191	30,373	43,746	2 27,285	45,415	46,269	45,262	47.742	48.452
Regular season	1,000		29,789	43,014	2 26,544	44,587	45,540	44,742	46,824	47,506
National League	1,000	16,662	16,600	21,124	≥ 12,478	21,507	21,549	20,781	22,292	22,333
American League		12,085	13,189	21,890	2 14,066	23,080	23,991	23,961	24.532	25,173
Playoffs	1,000	191	276	407	403	443	425	248	591	624
World Series	1,000	325	308	325	338	385	304	272	327	322
Players' average salaries 3		29	45	144	186	241	289	329	371	413
Basketball: 4		100				1000				
Men's:				11						1
College: 5					100		1000			
Teams	Number	(NA)	(NA)	1.258	1,275	1,264	1.266	1,260	1,266	1,265
Attendance	1,000	(NA)	(NA)	30,692	30,935	31,106	31,471	31,684	32,057	31,645
111	1 - 55	1	1	1000	1	277	-	(		
Women's:										
College:		2.00	200	20.0	4					
Teams	Number	(NA)	(NA)	(NA)	(NA)	1,095	1,114	1,147	1,166	1,188
Attendance	1,000	(NA)	(NA)	(NA)	(NA)	4,203	4,269	4,812	5,440	5,461
Pro: 8	1			_ ~						
Teams	Number	14	18	22	23	23	23	23	23	23
Attendance, total 7	1,000	4,912	7,591	10,697	10,235	10,732	10,262	11,110	11,491	11,491
Regular season		4,341	6,892	9,938	9,449	9,989	9,638	10,015	10,506	11,215
Average per game	Number	7,563	9,339	11,017	10,021	10,593	10,220	10,620	11,141	11,893
Playoffs	1,000	556	685	740	765	727	606	1,096	985	979
Players' average salaries	\$1,000		(NA)	170	171	212	249	275	325	375
Football:									1000	100
College: 5			d							
Teams	Number	617	634	642	648	649	651	654	661	666
Attendance	1,000	29,466	31,688	35,541	35,807	36,539	36,302	36,652	36,312	36,388
National Football League: *		1000	TE	12.79	1000	1990	100		1100	1
Teams	Number	26	26	28	28	28	28	28	28	28
Attendance, total	1,000	10.071	10.769	14.092	14,326	2 8.504	13.953	14.053	14.056	17.304
Regular season	1,000		10,213	13,392	13,607	2 7,367	13,277	13,398	13,345	13,582
Average per game	Number	52,381	56,116	59,787	60,745	58,472	59,273	59,813	59,576	60,635
Postseason games 9	1,000	538	556	700	719	\$ 1,137	676	655	711	734
Players' average salaries 10	\$1,000	23	40	79	90	102	127	158	193	202
	1		100	(2)	1	1	1	1	1000	1
U.S. Football League, attend- ance 11	1,000	(x)	(x)	(4)	(x)	(x)	2.681	4,394	3,295	2,380
	1,000	(A)	(6)	(x)	(A)	(x)	2,001	4,394	3,290	2,360
North American Soccer										1
League: 19						2.0			K-154	1
Teams	Number	6	20	24	21	14	12	9	(NA)	(NA)
Attendance	1,000	(NA)	1,825	6,194	5,429	3,251	2,669	1,158	(NA)	(NA)
National Hockey League: * 13	Contract of	1	100	-	11000	19.00		1	1.60	1
Regular season attendance	1,000	5.992	9,522	14 10,534	10,726	10,710	11,021	11,359	11.633	11,621
Playoffs attendance	1,000	462	784	14 977	966	1,058	1,008	1,107	1,109	1,152
Players' average salaries 15	\$1,000	(NA)	(NA)	108	120	124	130	145	145	158
Horseracing: 16 17	1000	7. 4	100	- 111	100	100	1000	1		
Racing days	Montes	0.000	10.00	10 100	40.404	40 500	10 545	10 000	10.746	10.000
Attendance	1,000	9,902	13,110	13,133	13,464	13,523	13,545 75,693	13,683	13,745 73,346	13,853
Parimutuel turnover	Mil. dol	5 077	78,662 7,862	74,690	75,463	76,858	11,733	12,032	12,222	12,421
Revenue to government	Mil. dol	486	582	11,218 713	11,677 680	11,888 653	639	650	625	587
	The south	400	302	1,13	550	000	0,00	550	UEU	201
Greyhound: 16 Total performances	Monther	2 000	0.000	e nee	0.070	0.400	0.057	0.004	0.500	1000
Total performances	Number		3,960	5,855	6,379	6,499	8,257	8,661	9,590	10,654
Attendance	1,000		17,458	20,874	21,424	21,375	22,140	22,076	23,853	25,759
Parimutuel turnover	Mil. dol		1,261	2,064	2,173	2,179	2,306	2,421	2,702	3,005
Revenue to government	Mil. dol	53	91	152	152	160	170	177	201	215
Jai alai: 18	10.00						1		Here	1
Teams	Number	2.247	9	9	12	12	12	12	12	6.757

NA Not available. X Not applicable. 

Source: The National League of Professional Baseball Clubs, New York, NY, National League Green Book: and The American League of Professional Baseball Clubs, New York, NY, American League Bade Book. 

Soason was interrupted by strike. 

Major League Baseball Players Association, New York, NY. 

Source: National Collegiate Athletic Assn., Mission, KS. 

Source: National Basketball Assn., New York.

Book. \*\* Season was interrupted by strike.

in year shown. \*\* Source: National Collegiate Athletic Assn., Mission, KS. \*\* Source: National Delegiate Athletic Assn., Mission, KS. \*\* Source: National Pooling Strike.

7 Includes All-Star game. \*\* Source: National Football League, New York, NY. \*\* Includes Pro Bowl, a non-championality game and Super Bowl. \*\* National Football League Players Association, Washington, DC. \*\* Source: U.S. Football League, New York, NY. \*\* Source: National Hockey League, Montreal, Quebec. \*\* World Hockey Association ceased operation after 1978-1979 season. Four former WHA teams joined NHL in 1979-1980 season. \*\* National Hockey League Players Association, Toronto, Canada.

1\* Source: National Assn. of State Racing Commissioners, Lexington, KY. \*\* Includes thoroughbred, harness, quarter horse, and fairs. \*\* Florida only. Source: National Association of Jai-alai Frontons, Inc., Daytona Beach, FL.

NO. 373. SELECTED RECREATIONAL ACTIVITIES: 1970 TO 1986

[See also Historical Statistics, Colonial Times to 1970, series H 862-864, H 871, H 874, and H 877]

ACTIVITY	Unit	1970	1975	1980	1981	1982	1983	1984	1983	1983
meteur: 1										
rticipents * perticipents	Million	16 255	26 450	30	30	30 890	30	700	41	41
Per acheur	1,000	200	450	650 110	685 117	133	700 148	146	712 152	715 167
eme *	1,000	2	9	18	20	133	27	29	31	35
round or more) 4		11,245	13,036	15,112	15,566	16,003	16,514	17,009	17,520	20,200
e played	1,000	268,169	306,562	357,701	368,447	378,791	380,896	402,603	414,777	421,000
es elion:	Number	10,188	11,370	12,005	12,035	12,140	12,197	12,278	12,346	12,471
D	Number	4,619	4,770	4,839	4,789	4,798	4,808	4,831	4,661	4,918
<b></b>	Number	4,248	5,014	5,372	5,428	5,494	5,528	5,566	5,573	5,640
pel	Number	1,321	1,566	1,794	1,818	1,848	1,690	1,881	1,912	1,913
	1,000	10,855	29,201	(NA)	(NA)	°25,450	(NA)	19,456	*18.951	18.017
	1,000	(MA)	6 1 4,072	(NA)	(NA)	4.015	(NA) 200			
······································	1,000	(NA)	130	(NA)	180	185		(NA) 220	(NA) 220	(NA) 220
7	1,000	(NA)	8	(NA)	11	11	13	14	14	14
rting: nts. total *	Million	51.8	62.5	72.0	(NA)	68.9	(NA)	67.0	67.0	67.0
	Million	24.8	29.9		(NA)	32.2	(NA)	32.0	32.0	32.0
<b>0</b>	Million	27.0	32.6	34.0 36.0	(NA)	36.7	(NA)	35.0	35.0	35.0
rments 10	Number	9,140	8,577	8,591	8,526	8,481	8,404	8,351	8,275	8,149
	1,000	141	141	154	154	154	154	155	155	153
ship, total <sup>10 11</sup> can Bowling Con-	1,000	7,733	8,751	9,595	9,621	9,550	9,269	8,401	8,064	7,839
n's Bowling Con-	1,000	4,210	4,300	4,685	4,645	4,685	4,556	3,791	3,657	3,625
American Bowling	1,000	2,908	3,692	4,118	4,049	4,085	3,947	3,866	3,714	3,551
Ince 12	1,000	535	759	789	927	800	765	744	693	663
ture theaters 13 14	1,000	14	15	18	18	18	19	20	21	23
<b>3</b>	1,000	10	11	14	15	15	16	17	18	20
, box office	Mil. dol	1,225	2,115	2,749	2,966	3,453	3,766	4.031	3,749	3,778
on, average price	Dollars	1.55	2.05	2.69	2.78	2.94	3.15	3.36	3.55	3.71
100	Million	921	1,033	1,022	1,067	1,175	1,197	1,199	1,056	1,017
		۱ ۔۔	1						1	
c shipments	Million	5.0	5.6	7.0	6.8	5.1	6.3	5.0	5.8	5.3
	Million	1.9	1.7	2.0	2.1	1.6	2.7	4.2	5.6	7.0
onel boets owned	Million	8.8	9.7	11.8	12.5	12.9	13.0	13.5	13.8	14.3
erd boets	Million	5.2	5.7	6.8	7.0	7.1	7.2	7.3	7.4	7.6
rd boets	Million	.6	.8	1.2	1.2	1.3	1.3	1.4	1.4	1.5
<b>1016</b>	Million	6	.8	1.0	1.0	1.1	1.1	1.1	1.2	1.2
seoets and other	Million	2.4	2.4	1.3	1.4	1.5	1.6	1.7 1.8	1.8 1.8	1.9 1.9
tures, total 17	Bil. dol	3.4	4.8	7.4	8.3	8.1	9.4	12.3	13.3	14.5
d motors in use		7,215	7,649	8,241	8,527	8,776	9,051	9,400	9,733	10,081
odd		430	435	315	318	293	337	411	392	410
, retaild boats sold	Mil. dol 1,000	281	411	554	696	759	964	1,294	1,319	1,464
retail	Mil. dol	276 177	328 263	290 406	281 431	236 409	273 502	317 708	305 759	314 835
outdrive boats		l '''	200			1	302	, ~~	, , , ,	
1 , retail		43 182	70 420	56 616	51 653	55 686	79 975	108	115 1.663	120 1,661
vehicles:		102	720	0.6		- 556	9/3	1,442	1,003	1,001
in use or	4.005									
	1,000	(NA)	(NA)	(NA)	(NA)	(NA) 275	1,100 430	1,600 635	2,000 683	2,300 498
les: <sup>20</sup>		, , ,	,,	1 ' '						
seles It consumption 21	1,000	172 405	144 145	62 88	40 57	29 55	27 53	32 66	30 61	36 64
	.,550		.45		J 37	_ ~			31	

It evallable. 

1 Source: Ameteur Softball Association, Oldehoma City, OK. 

2 Ameteur Softball Association teams and steur softball teams.

3 Ameteur Softball teams.

3 Ameteur Softball Association teams only.

4 Source: National Golf Foundation, North Palm.

5 Survey by A. C. Nelsen Co.

1 1976 data.

8 Based on Igenting Goods Association Sports Participation Survey.

9 For easens ending in year shown. Persons 5 years old and rot: National Bowling Council, Washington, DC.

10 Source: American Bowling Congress, Greendale, WI. Season year shown.

11 Membership totals are for U.S., Canada and for U.S. military personnel wordwisels.

12 Source: Motor Picture Association, Of rec, New York, NY.

14 Prior to 1975, figures represent theaters; thereafter, screens.

15 Source: Blooked Manufacturedation of America, Inc., Washington, DC.

15 Source: National Manine Manufacturers Association, Chicago, It.

15 Source: Speciatly Vehicle Institute of America, Costa Mesa, CA.

28 Source: Speciatly Vehicle Institute of America, Costa Mesa, CA.

29 Source: U.S. International Trade Commission. Estimated.

Compiled from sources listed in footnotes.

NO. 374. PARTICIPATION IN SPORTS ACTIVITIES, BY SELECTED CHARACTERISTICS: 1986

Except as indicated, in percent of participants 7	rticipants 7 years of age or older who participated more than once.	or older wh	o participate	d more then	once. Besed	d on a samp	ling of 10,000	household	. For comp	perition of reg	on a sampling of 10,000 households. For composition of regions, see fig. I, inside front cover)	. I, inside fro	nt cover]
		SEX	×			AGE	٠				REGION	8	
ACTIVITY	persons	Male	Female	Under 12 yrs.	12-17 yrs.	18-24 yrs.	25-34 yrs.	35-54 yrs.	55 yrs. and over	Northeast	Michwest	South	West
All persons (1,000)	214,816	104,096	110,721	16,288	21,029	27,836	42,381	56,116	61,060	46,488	54,807	72,984	40,741
Sports participated in:  Swimming Exercise watering Bity-de riding Camping (vecation/overnight) Feining—fresh water Bowling (10 ph)	8.4.52 8.6.2.00 8.6.1.50 8.6.1.50	32.6 18.3 22.7 26.1 16.9	9.88 9.88 9.88 9.88 9.89 9.89 9.89 9.89	7.00 6.00 7.00 7.00 7.00 8.00 8.00 8.00 8.00 8	85.5.8.2.8 0.4.8.0.4.2.	288888 848874	40.8 27.0 87.7 87.7 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1	82 0.00 7.07 8.04 0.04 0.04	55.50 4.44.50 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6	33.9 21.8 20.0 13.8 6.6 6.6	288588	283.6 285.2 16.6 16.6 7.7	33.9 27.7 20.5 19.6 14.2
Exercising with equipment Average (paging Average exercising Best-school Softball Votes-boal	4.00 0 0 0 0 0 V V V V	2014400 208448	4.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 0.00 C. 00 C. 00 0.00 C. 00 C. 00 0.00 C. 00 C. 00 0.00 C. 00 C. 00 0.00 C. 00 C. 00 C. 00 0.00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C. 00 C.	2000 5 1 8 0 2 1 0 7 9	881.28 83.5.4.28	6000000 004000	21.3 9.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	7.000 2.000 2.000 2.000	4-9 6-80-80-8	71888.00 8888.40	7.00 4.01 7.00 4.1.1	4.000000 4.000000	<b>64.</b> €.0 64.€.0 66.±868
Hunting/abooting with freems Gotf Ternis Heing Calebranics Besetbanics	000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7.4.0.0 1.6.4.0.0 1.6.4.0.0	0.4.4.4.9 0.4.6.4.4.9	64007.00	48.004.8 48.004.8		411 6.10 8.00 8.00 7.7	10.0 10.2 10.2 10.2 10.2 10.2 10.2 10.2	4064	88886 - 84880	0.52 6.8 0.7 0.7 0.7	0.07	œœ&£ææ œ⊙≈∸æ⊙
Febring—eath water Footbell Water sking Sking—eighns/downhill Scoot	200046 200040	8 9 9 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	8 - 4 8 9 8 8 4 8	8.8.9.9.9 804.86	2.00 e e e 4 & 0 &	2.000 as 4	7.4.80.70 1.1.00.00.41	& & & & . 4. & & & & & & .	ஆ ஸ்வ்ஸ்வ் 1	88.88.88.8 88.53.5	- <b>9</b> 9 8 8	8.6.95 6.0.5 7.00 7.00 7.00	80.00 F. 4. 80.00 8.00 8.00
Backpacking/wildemess camping Requested Archest Rung—cross country	2.00.00 7.00.00 7.00.00	4101	22.00	8.5.0 4.7.0	5.00 gg	8,80 C. C. C. C. C. C. C. C. C. C. C. C. C.	20.00 00.00 00.00	2.50 1.0 7.0	संदंस्ख	88.00 44.04	00-0 00-0	0.66-	64.92 86.90

Rounds to less than .05.
 Bource: Nettonal Sporting Goods Association, Mt. Prospect, It., Sports Participation in 1986: Series I. (Copyright.)

# NO. 375. ADULT PARTICIPATION IN LEISURE TIME ACTIVITIES, BY SELECTED TYPE: 1986 if early Dec. 1996. Based on national sample survey of 1,500 households conducted by the Gallup Organization, Inc.]

OF ACTIVITY	Num- ber (mil.)	Per- cent <sup>1</sup>	TYPE OF ACTIVITY	Num- ber (mil.)	Per- cent 1	TYPE OF ACTIVITY	Num- ber (mil.)	Per- cent <sup>1</sup>
running	75 60 58 49 44 44 44 39	43 36 33 26 26 26 25 22 22	Weight lifting (net) *	35 34 34 31 31 28	21 20 20 19 18 18 16 16	Table tennis	26 24 24 22 21 21 19 19	15 14 14 13 12 12 11 11

int of U.S. adults 18 years and over. \*Any form of weight training, including weight lifting, body building, Nautilus. : The National Gardening Association, Burlington, VT, unpublished data. Based on data from the Gallup Organization, NJ.

### No. 376. HOME GARDENING-SUMMARY: 1975 TO 1986

n national sample survey conducted by the Gallup Organization. Prior to 1985, survey respondents were questioned only helr own gardening activities. Beginning in 1985, respondents were questioned about activities of all household members. I 1986 survey, a total of 2,586 adults were interviewed. Subject to sampling variability; see source]

						1986, PE	RCENT WIT	rH-
ПЕМ	1975	1980	1985	1986	CHARACTERISTIC OF RESPONDENT	Vegeta- ble garden	Flower	Lawn
ds with vegetable ens (mil.)t of total	35 49	34 43	33 37	34 38	18-29 years old	31 39 43	33 47 48	50 64 57
ize of garden (sq. ft.) ield per garden (dol.) cost per garden (dol.)	540 258 30	663 460 50	300 (NA) (NA)	325 278 41	Northeast Midwest South West West	33 50 33 37	41 53 34 49	52 70 54 53
of households— wer gardens id in lawn care g fruits or berries goor houseplants	39 56 12 40	37 52 21 40	41 64 24 42	44 58 30 41	Central city	26 33 32 61	32 44 45 54	45 56 60 71

<sup>:</sup> The National Gardening Association, Burlington, VT, National Gardening Survey, annual. (Copyright.)

# No. 377. SPORT FISHING AND HUNTING LICENSES—NUMBER AND COST: 1970 TO 1985 seal years ending in year shown; see text, section 8. See also Historical Statistics, Colonial Times to 1970, series H 875-878]

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985
icenses: Sales	Million Million Million Mill dol	31.1 26.8 4.3 24.4 91	34.7 30.0 4.7 27.5 142	34.0 29.0 5.0 27.3 156	32.8 27.9 4.9 26.2 159	35.4 30.3 5.1 27.9 174	35.2 30.1 5.1 28.0 196	37.9 32.6 5.3 29.3 213	37.2 32.1 5.1 29.6 227	37.8 32.5 5.3 29.1 244	36.1 31.0 5.1 29.0 260	35.7 30.8 5.2 29.7 282
licenses: Sales dent esident sense holders  hunters	Million Million Million Mill. dol	22.2 21.0 1.2 15.4 102	25.9 24.7 1.3 16.6 155	25.4 24.1 1.3 16.2 173	25.8 24.4 1.4 16.3 185	26.4 25.0 1.4 16.6 199	27.0 25.6 1.4 16.3 222	27.9 26.4 1.5 16.6 242	28.3 26.7 1.6 16.7 259	28.9 27.2 1.7 16.4 277	28.5 26.8 1.7 16.0 292	27.7 26.1 1.6 15.9 301
duck stamps sold	1,000	2,072	2,222	2,197	2,209	2,216	2,090	2,045	1,907	1,926	1,868	1,914

lent and nonresident, includes multiple counting of license holders who bought nonresident licenses as well as a home nee.

t U.S. Fish and Wildlife Service, Federal Aid in Fish and Wildlife Restoration, annual.

### No. 378. SPORTSMEN-SELECTED CHARACTERISTICS: 1980 AND 1985

[Covers persons 16 years old and over. Sportsmen are anyone who fished or hunted. Based on the National Survey of Fishing. Hunting, and Wildlife-Associated Recreation conducted by the Bureau of the Census. For composition of divisions, see fig. 1, inside front cover]

CHARACTERISTIC	NUM (1,0		PERCENT OF POPULATION WHO PARTICIPATED		CHARACTERISTIC		MBER (000)	PERCENT OF POPULATION WHO PARTICIPATED		
	1980	1985, prel.	1980	1985, prel.		1980	1985, prel.	1980	1985, prel.	
Total persons 1	46,713	50,500	27	28	New England	1,900	2,065	20	21 19 29 39 29 33 33 33 24	
10 17 upper old	2,209	2,563	50	33	Middle Atlantic	5,044	5,573 8,999	18 28	19	
16-17 years old	5,939	7,487	43	29	West North Central	4,718	5,120	37	30	
18-24 years old	8,986	13,625	49	35	South Atlantic	7,902	8,894	28	20	
25-34 years old			49	33	East South Central	3,651	3,726	34	33	
35-44 years old	6,051	11,173	39	27	West South Central	5,800	6,438	33	33	
45-54 years old	4,249	6,399		27	Mountain	2,808	3,159	33 25	33	
55-64 years old	3,419	5,306	34	23	Pacific	6,177	6.525	25	24	
65 years old and over	2,389	3,946	24	14		4	- clare	1.50		
					Household income:		100	1		
Male	33,243	34,916	41	41	Under \$10,000	7,060	5,173	20	19	
Female	13,469	15,584	15	16	\$10,000-\$19,999	12,249	10,711	30	26	
Tries in .	40.00	10 700		200	\$20,000-\$24,999	7,754	4,968	35 36	30	
White	43,161	46,766	29	30	\$25,000-\$29,999	5,848	7,941		31	
Black	2,709	2,526	15	14	\$30,000-\$49,999	6,574	13,378	34	. 33	
Other races	843	1,208	18	19	\$50,000-\$74,999 \$75,000 and over	1,691	{ 4,158 2,264	} 29	19 26 30 31 33 4 30	

<sup>1</sup> includes not reported, not shown separately.

# No. 379. SELECTED CHARACTERISTICS OF FISHERMEN AND HUNTERS: 1985 [Preliminary data. See headnote, table 378]

	FISHE	RMEN	D			HUNT	TERS		
TYPE OF FISHING	Num- ber (1,000)	Per- cent of popu- lation	Days of fish- ing (mil.)	Expendi- tures (mil. dol.)	TYPE OF HUNTING	Num- ber (1,000)	Per- cent of popu- lation	Days of hunt- ing (mil.)	Expendi- tures (mil. dol.)
Total, all fishing 1	46,609	26	983	28,166	Total, all hunting 1	16,890		335	10,002
All freshwater fishing Freshwater, except Great Lakes Great Lakes Sakwater	38,815 3,906	22 21 2 8	831 792 49 158	19,556 17,988 1,568 7,275	Big game	10,831	7 6 3 2	131 132 42 47	6,068 1,863 1,072 362

<sup>&</sup>lt;sup>1</sup> Type of fishing/hunting will not add to the total since each respondent may report under more then one category. Source: U.S. Fish and Wildlife Service, 1985 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation, forthcoming report.

### No. 380. WILDLIFE-ASSOCIATED RECREATION EXPENDITURES, BY TYPE OF ACTIVITY AND EXPENDITURE: 1985

[Preliminary data. See headnote, table 378]

	Ð	PENDITURE	s (mil. do	l.)	EXPENDI	EXPENDITURE PER PARTICIPANT (dol.				
TYPE OF EXPENDITURE	Total 1	Flehing	Hunt- ing	Non- con- sump- tive <sup>2</sup>	Total <sup>1</sup>	Fishing	Hunt- ing	Non- con- sump- tive s		
Total <sup>3</sup>	55,450	28,166	10,092	14,271	393	604	605	100		
Food and lodging	7,019 4,327	5,650 3,718 3,860 392	1,884 1,612 218 418	2,514 1,689 229 (NA)	71 50 31 6	121 80 83 8	113 97 13 25	19 13 2 (NA)		
Equipment	1,517	2,784 461 10,267	3,045 398 1,509	3,616 507 5,234	67 11 140	60 10 220	182 24 90	27 4 30		

NA Not available. I includes expenditures not specified by type of activity. <sup>2</sup> Observing, photographing, and feeding wildlife.
<sup>3</sup> includes expenditures for megazines, membership dues and contributions, and land lessing and ownership not shown expensions.

Source: U.S. Fish and Wildlife Service and U.S. Bureau of the Census, 1980 and 1985 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation, forthcoming report.

Source: U.S. Fish and Wildlife Service, 1985 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation, forthcoming report.

No. 381. BOY SCOUTS AND GIRL SCOUTS—MEMBERSHIP AND UNITS: 1960 TO 1986 researds. Boy Scouts as of Bee, 31; Girl Scouts as of Sept. 30. Current age requirements for each category are in parentheses. Includes Puerto Rico and outlying areas]

ITEM	1960	1965	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
Y SCOUTS OF AMERICA	5,165	5,733	6,287	5,318	4,285	4,318	4,355	4,542	4,689	4,755	4,845	5,171
ubs (6 yr. old) puts (7-10 yr. old) outs (11-17 yr. old) rs (14-20 yr. old) [packs, troops, posts)	271	4,231 (x) 2,064 1,850 317 1,502 145	4,683 (x) 2,438 1,916 329 1,604 157	3,933 (x) 1,997 1,503 434 1,385 150	3,176 (x) 1,716 1,058 402 1,109 129	3,207 (x) 1,696 1,064 447 1,110 129	3,244 (x) 1,643 1,101 499 1,111 130	3,425 84 1,609 1,126 606 1,117 132	3,567 124 1,569 1,116 758 1,122 134	3,657 145 1,493 1,078 941 1,098 135	3,755 169 1,499 1,063 1,024 1,090 134	4,037 260 1,714 1,042 1,021 1,134 132
	2,646 (X) (3) (3) (3)	3,030 (x) 1,072 1,416 443 99 617 153	3,248 (x) 1,259 1,509 395 85 674 164	2,723 (x) 1,160 1,188 301 74 511 159	2,389 (x) 1,206 926 193 52 572 157	2,250 (x) 1,115 894 172 46 534 154	2,276 (x) 1,110 916 170 45 553 157	2,247 (x) 1,120 874 169 41 572 160	2,281 (x) 1,163 847 176 40 607 165	2,247 (x) 1,172 801 170 40 624 166	2,172 61 1,128 735 151 40 630 166	2,248 114 1,166 725 143 41 669 174

pplicable. <sup>1</sup> Both girls and boys are members. <sup>5</sup> Beginning 1979, includes girls registered in other categories, not irately. <sup>5</sup> Comparable data not available.

### 12. PARTICIPATION RATES FOR VARIOUS ARTS PERFORMANCES AND LEISURE ACTIVITIES BY SELECTED CHARACTERISTICS: 1985

ints percent of population 18 years old and over who participated at least once in the 12 months prior to the survey.

Based on the Leisure Activities Survey conducted by the Bureau of the Census]

		ATTI	ENDED AT L	EAST ON	æ		Vielted	Reed-
CHARACTERISTIC	Jazz perform- ance	Classi- cal music perform- ance	Opera perform- ance	Musi- cel plays	Plays	Ballet perform- ance	at least once art museum or gallery	novel, short stories, poetry, or plays
<b>p</b>	10	13	3	17	12	4	22	56
L	14	11	2	15	11	4	22	57 59 62 57 50 50
B	15	12	2	16	12	5	26	59
B	10	16	4	21	14	6	27	62
B	8	15	4	20	13	3	22	57
B	5	11	3	18	10	4	19	50
B	3	13	3	13	10	4	16	50
rd over	1	10	1	8	7	2	10	48
	10	11	2	15	11	3	21	48
	9	14	3	19	12	5	23	63
	9	14	3	18	12	5	23	56
***************************************	13	6	1	9	6	2	11	44 50
	8	15	4	13	8	5	24	
••••	8	13	4	20	14	5	21	57 56 51
	10	15	1	17	11		21	25
***************************************	9	10	2	13	10	1 1	19	) 2
	12	15	•	19	13	5	30	66
Income, 1965:					l			1
,000	8	9	2	10	8	3	16	44
9,999	7	7	1	8	4	2	12	43
\$14,999	6	8	1	11	8	3	15	50
\$24,999	8	11	2 3	12	9	4	19	53
\$49,999	11	15	3	22	14	5	28	45 50 53 63 77
and over	19	30	8	22 37	28	11	45	77
rtained	9	12	2	17	11	3	19	56
hool	1	3	1 1	3	1 1	1	4	23
in school		, š	1 1	6	ا ا	i	ĺż	37
ool graduate		7	1 i	12	6	Ż	14	52
lege		15	3	21	15	6	30	72
raduate		29	Ĭ	34	26	ě	45	78
school	24	41	11	40	36	15	56	23 37 52 72 78
	1 -	1	ı		1	1	1	

J.S. National Endowment for the Arts, Survey of Public Participation in the Arts, forthcoming.

Boy Scouts of America, National Council, Irving, TX, Annual Report; and Girl Scouts of the United States of America, NY, Annual Report.

No. 383. Performing Arts-Selected Data: 1970 to 1986 [Receipts and expenditures in millions of dollars. For season ending in year shown, except as indicated]

ITEM	1970	1975	1975	1975	1980	1961	1962	1963	1964	1965	1906
Legitimate theater: 1		1									
Broadway shows:		1	l	1			I				l
New productions	62	59	54	47	67	67	53	50	36	31	33
Playing weeks * *	1.047	1,101	1.360	1,472	1.541	1.545	1.461	1.259	1,119	1.062	1.04
Number of tickets sold (1,000)	(NA)	(NA)	8.621	9.115	9.380	10.822	10.694	8.102	7.696	7,156	6.527
Gross box office receipts	53.3	57.4	103.8	128.1	143.4	194.5	221.2	263.1	226.5	208.0	190.6
Road shows:			1	ł					l	}	l
Playing weeks *	1.024	799	1.025	1,192	1.351	1,343	1.317	990	1.057	993	963
Gross box office receipts	48.0	50.9	106.0	146.9	181.2	218.9	249.5	184.3	208.2	225.9	235.6
Circus box Onics recepts	40.0	30.5	100.0	140.5	101.2	210.5	240.5	104.5	200.2	225.5	255.0
Opera companies 1	648	807	956	956	980	1,019	983	1,031	1,061	1,123	1,170
Major	35	54	78	95	109	127	133	144	154	166	170
Expenditures	38.5	(NA)	96.3	111.5	133.6	161.6	191.1	212.4	236.7	256.5	270.3
Other companies		335	458	456	458	456	416	486	491	576	602
Workshops	347	418	420	415	419	436	444	399	406	379	404
Opera performances	4,779	6.428	7.808	8.554	9.391	9.663	9.510	10.693	10.421	10.642	11.080
Operas performed		387	448	496	497	559	571	590	576	576	660
Musical performances 5	(NA)	(NA)	908	1.430	1.397	2,251	2.233	2.749	2.787	4.983	6,993
Musicals performed	(NA)	(NA)	43	72	104	118	122	120	129	242	301
World premieres	17	16	42	64	79	88	94	96	101	121	116
Attendance (mil.)	4.6	8.0	9.8	9.9	10.7	11.1	10.1	12.7	13.0	14.1	14.4
Symphony orchestras *	1.441	1.463	1,470	1,540	1,572	1,572	1,572	1,572	1,572	1,572	1,572
College		300	278	379	385	385	385	386	380	371	371
Community 7		1.003	950	909	926	926	919	920	937	946	927
Urban		1,003	76	79	85	85	94	101	89	89	93
Metropolitan		90	106	113	115	115	110	96	96	96	107
Regional	(*)		29	29	29	30	34	37	40	40	43
Major	28	(0)	31	31	32	31	30	30	30	30	31
Concerts		14,171	18,027	22,096	22,229	19.327	19,204	19,167	19,066	19,989	20.272
Attendance (mil.)		18.3	21.4	22.4	22.6	22.8	22.0	22.0	23.2	23.7	25.4
Gross income		124.5	178.1	216.8	246.3	288.9	325.5	348.9	379.0	435.4	480.5
Earned income		70.9	102.5	122.6	141.2	163.3	187.6	201.8	220.2	250.7	282.4
Contributed income	30.2	53.6	75.6	94.2	105.1	125.6	137.9	147.1	158.8	184.7	198.1
Gross expenses	76.4	129.5	183.1	221.0	252.1	289.3	315.3	352.2	389.8	441.8	401.5

NA Not available. ¹ Source: Variety. New York, NY, various June issues (copyright). ² All shows (new productions and holdovers from previous seasons). ² Eight performances constitute one playing week. ⁴ Source: Central Opera Service, New York, NY, Central Opera Service Bulletin, periodic, Major companies have annual budgets of \$100,000 or more and issue American Guild of Musical Artists (AGMA) contracts to soloists. Workshops are primarily college and university opera groups. ° Covers not-for-profit companies only. ° Source: American Symphony Orchestra League, Inc., Washington, DC. For years ending Aug. 31. Orchestras other than college groups are principally defined by their annual budgets: As of 1986, community, under \$135,000; urban, \$135,000-\$285,000; metropolitan, \$285,000-\$1,000,000; regional, \$1,000,000-\$3,800,000; and major, over \$3,900,000. Prior to 1984, other budget classifications were in effect. ¹ Beginning 1978, includes youth and chamber groups with budgets under \$70,000. ° Classification began in 1976.

Source: Compiled from sources listed in footnotes.

No. 384. FINANCIAL SUPPORT OF THE ARTS BY PRIVATE CORPORATE BUSINESS—SUMMARY: 1983 TO 1985

#### [In millions of dollars]

TYPE OF ART CATEGORY	1983	1964	1965	TYPE OF ART CATEGORY	1963	1964	1905
Direct cash support	451.6	482.4	559.0	Historic and cultural preservation			
Augusta .	~~	404.5	400.0	projects	8.4	9.7	11.
Auseums		104.5	133.2	Libraries	4.2	4.8	a.
symphony orchestra		68.8	79.8	Commercial TV and radio, cultural			Í.
Performing arts and cultural facilities		52.0	59.4	programming	6.0	6.5	5J
heaters		67.2	49.5	Public TV and radio, general support	7.4	16.5	4
Vrt funds—general support	9.2	28.5	37.9	Crafts	.3	2.3	ü
Other music	20.7	25.3	30.2	Artist-in-residence programs	.6	1.1	11
Dance		20.7	25.4	Poetry and writing	4	1.4	1 11
Public TV and radio, program under-	1			Video projects (non-commercial)	7		
writing	14.8	17.9	23.6	Folk art	.7	-	
Opera		24.8	22.7		٠.		í '
		15.7		Other (excluding commercial activi-		40-	
Films (non-commercial) Vrta-in-educaton programs		3.8	13.2 11.8	ties)	23.7	12.7	344

- Represents or rounds to zero

Source: Business Committee for the Arts, New York, NY, press release.

NO. 385. ARTS AND HUMANITIES—SELECTED FEDERAL AID PROGRAMS: 1970 TO 1986
[In millions of dollars, except as indicated. For flecal years ending in year shown, see text, section 9]

TYPE OF FUND AND PROGRAM	1970	1975	1979	1986	1661	1983	1963	1964	1983	1965
allonal Endowment for the Arts:		1								
Funds available !	. 15.7	86.9	179.8	188.1	151.9	133.4	147.5	169.9	171.7	167.1
Program appropriation	. 8.3	67.3	102.1	97.0	114.0	103.3	101.7	119.0	118.7	115.7
Metching funds 1	2.0	7.5	37.5	42.9	34.9	14.2	24.9	27.4	29.5	30.0
Grants awarded (number)	. 556	3,071	5.090	5,505	6.475	5.090	5,174	5,056	4.801	4.484
Funds obligated	12.9	81.7	178.4	166.4	150.7	117.7	127.0	147.4	149.4	148.6
Music	1	14.9	16.4	13.6	16.2	14.1	12.9	15.2	15.3	14.6
State arts agencies		14.7	22.8	22.1	23.7	21.3	21.1	24.6	24.4	23.8
Museums		10.8	11.6	11.2	13.2	11.5	10.0	12.5	11.9	11.5
Theater	(NA)	6.4	6.3	8.4	10.8	9.6	9.5	10.7	10.6	10.2
Dence		6.1	8.1	8.0	9.1	8.5	9.1	9.1	9.0	9.0
Public media	2	5.4	9.4	8.4	12.8	10.1	9.3	9.5	9.0	12.3
Challenge s	1 📆	(x)	59.8	50.8	15.0	14.4	14.0	18.8	20.7	20.7
Vieual arts	1.0	32	4.7	7.3	7.5	6.5	5.8	6.6	6.2	5.7
Other		20.1	37.3	36.6	42.4	35.8	35.1	40.6	41.3	36.6
ational Endowment for the Humanities:	1 -0	1 20.1	07.5		76.7			1 40.0	71.5	30.0
Funds available 1	. 13.0	86.0	186.9	166.2	144.4	1120.9	123.5	127.3	125.6	121.1
Program appropriation		67.3	96.3	100.3	108.5	90.4	90.4	97.8	96.2	91.9
Matching funds *	20	6.5	36.5	36.4	33.5	28.8	27.9	29.5	30.4	27.3
Grants awarded (number)		1.330	2.599	2.917	2.760	2.143	1.928	2.523	2.241	2.297
Funds obligated		73.1	185.1	185.5	144.4	115.8	123.3	127.6	125.7	121.1
Education programs		17.1	20.0	18.3	17.3	13.0	14.7	19.3	17.9	14.8
State programs		(x)	24.7	26.0	26.0	22.8	24.0	26.0	24.4	24.1
Research grants	(X)	13.4	32.2	32.0	25.5	25.7	23.1	24.1	24.4	21.0
Fellowship program		10.9	16.8	18.0	17.5	16.5	14.1	15.0	15.3	14.4
Challenge *		60	55.6	53.5	24.0	20.7	21.8	18.3	19.6	18.2
General programs		X	(x)	33.3	(x)	16.2	24.9	24.3	24.1	24.7
National Capital Arts and Cultural Af-	1 1	, w	, w	, w,	(4)	10.2	24.8	24.3	24.1	24.7
fairs Program	1 1	l ~	_ ^~	· ~	~	1 100	- M		·~	1.9
		31.8	(x) 35.8	37.7	(X) 34.0	(x)	(x)	(x)	X	
Oner	- 2.0	31.6	35.6	37.7	34.0	.9	l . <b>′</b>	l .	(X)	(x)

MA Not evalable. X Not applicable. 

Includes other funds, not shown separately. Excludes administrative funds. Gifts re included through 1980; excluded thereafter.

Represents Federal funds appropriated only upon receipt or certification by adoutment of matching non-Federal plits.

Program designed to stimulate new sources and higher levels of giving to stimulate new sources and higher levels of giving to stimulate to each Federal dollar. Funds for challenge grants are not allocated by program area because they are awarded on a sent-by-grant basis.

4 Excludes \$5.2 million reappropriated to challenge grants in 1983.

Includes reappropriated funds on 1982.

Source: U.S. National Endowment for the Arts. Annual Report: and U.S. National Endowment for the Humanities. Annual Report.

No. 385. STATE LEGISLATIVE APPROPRIATIONS FOR STATE ARTS AGENCIES: 1980 TO 1987
[For flecal years ending in year shown. Fiscal years for most States ended June 30]

	1000		10.00	198	7		100			198	17
STATE	1980, total (\$1,000)	1985, total (\$1,000)	1986, total (\$1,000)	Total (\$1,000)	Per cap- ita <sup>1</sup> (dol.)	STATE	1980, total (\$1,000)	1985, total (\$1,000)	1986, total (\$1,000)	Total (\$1,000)	Per cap- ita 1 (dol.)
Total	101,029	161,413	195,622	218,805	.92	NV	87	124	174	179	.19
	525	1,000	1,045	921	.23	NH	153	129	323	337	.34
K	1,675	5,295	4,001	2,190	4.20	NJ	3,333	6,217	10,391	13,453	1.78
Z	233	617	1,010	1,142	.36	NM	203	700	714	699	.48
R	846	796	836	970	.41	NY.	33,285	39,088	44,219	48,591	2.73
A	7,891	10,422	11,793	12.535	.48	NG	1,379	2,921	3,936	4,051	.65
0	609	929	971	1,608	.50	ND	101	175	238	238	,35
F.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1,305	1,122	1,479	1,666	.53	OH	4,709	5,785	7,493	9,069	.85
E	123	450	496	604	.97	OK.	552	1,596	1,821	1,535	.47
C	356	1,278	1,765	2.368	3.78	OR	335	456	487	505	.19
	2,378	9.045	9,761	12,710	1.12	PA	2,594	5,585	6,724	7,780	.66
A	1,102	1,720	2,201	2,688	.45	RI	359	419	444	600	62
bonton	1,545	1,592	2,170	2,282	2.17	SC	941	1,858	2,556	2,772	.83
	86	125	131	134	.13	SD	155	251	284	287	.41
	2.246	5.648	6,559	8.758	.76	TN	517	719	* 3,616	1,383	.29
	1,277	1,450	1,831	1,837	.33	TX	1,215	4,240	4,846	2,984	.18
inconstruction	313	492	523	732	.25	UT	1,088	1,400	1,568	1,631	.99
0	262	488	596	561	.23	VT	108	226	243	265	.50
V	857	1,536	1,564	1,983	.53	VA	1,230	1,748	1,948	2,980	.52
THE REAL PROPERTY.	857	1,133	1,205	713	.16	WA	579	1,747	1,879	1,706	.39
C	180	325	420	474	.41	WV	1,563	1,849	2,117	2,242	1.16
D	1,345	1,796	1,909	4,776	1.09	WI	719	968	1,152	1,149	24
A.	2,300	13,603	16,379	18,266	3.14	WY	63	145	145	169	.33
	6,076	8,817	10,379	11,426	1.26	Am. Samoa.	43	48	45	305	1.33
N	2,845	2,265	2,503	2,763	.66	GU	74	215	305	305	2.55
S	307	436	466	412	.16	No.	19 34	200	ne	40	2.15
•	2.531	3.067	6,904	4.194	.83	Marianas		25	7,781	13,494	4.13
7	93		649		1.09	PR	4,980	5,853	104	13,494	9.13
Lamman	399	703 635	583	900 583	.36	VI	103	144	104	104	.196

Represents zero.
 Based on enumerated resident population as of July 1, 1985.
 Source: National Assembly of State Arts Agencies, Washington, DC, unpublished data.

<sup>\*</sup> includes \$2.5 million one-time gift.

### No. 387. International Travelers and Expenditures—Summary: 1970 to 1986

[For coverage, see tables 389 and 390. See also Historical Statistics, Colonial Times to 1970, series H 921, 928, 941, and §

	PASSEN PAYMEN	/EL AND IGER FARE ITS BY U.S. VELERS	PASSEN RECEIP	EL AND GER FARE TS FROM I VISITORS	U.S. net travel and	U.S. travelers	For
YEAR	Total <sup>1</sup> (mil. dol.)	Expendi- tures abroad (mil. dol.)	Total <sup>1</sup> (mil. dol.)	Travel receipts (mil. dol.)	passen- ger payments (mil. dol.)	abroad (1,000)	She (1,1
1970 1971 1972 1973 1974	5,195 5,683 6,638 7,316 8,075	3,960 4,373 5,042 5,526 5,960	2,708 2,959 3,311 4,130 4,845	2,331 2,534 2,817 3,412 4,032	-2,487 -2,704 -3,327 -3,188 -3,230	5,280 5,667 6,790 6,933 6,467	
1975 1976 1977 1977 1979	8,680 9,424 10,199 11,371 12,597	6,417 6,856 7,451 8,475 9,413	5,464 8,679 7,175 8,421 10,118	4,697 5,742 6,150 7,183 8,441	-3,216 -2,745 -3,024 -2,950 -2,479	6,354 6,897 7,390 7,790 7,835	
1960	14,004 15,966 17,166 19,040 21,951 23,795 24,469	10,397 11,479 12,394 13,556 15,449 16,482 17,627	12,650 15,486 15,085 13,932 13,891 14,171 15,924	10,588 12,913 12,393 11,408 11,353 11,675 12,913	-1,354 -478 -2,061 -5,108 -8,060 -9,624 -8,545	8,163 8,040 8,510 9,626 11,252 12,309 11,562	

<sup>1</sup> includes passenger fares not shown separately.

Source: U.S. Bureau of Economic Analysis, Survey of Current Business, June 1967, and earlier issues.

### No. 388. Passports, by Sex and Age of Traveler: 1970 to 1985

[In thousands. Total passports are actual count; all other data based on a sample and prorated to total passports. Data re number of passports issued, not travelers. Excludes passport renewals. A single passport may cover more than one st more than one person. See also Hallorical Statistics, Colonial Times to 1970, series H 899-820.

SEX AND AGE	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total passports	2,219	2,729	2,415	2,334	2,817	3,107	3,234	3,170	3,020	3,222	3,764	4,122	4,718
Male	1,124 1,095	1,321	1,155	1,128	1,354	1,496	1,555 1,679	1,543 1,627	1,497	1,552	1,849	1,964 2,158	1,980
Under 20 years	362 507 293 356 341	497 564 376 431 434	448 491 348 371 383	405 458 345 347 384	460 530 432 423 484	511 566 499 452 527	541 580 535 472 545	567 581 547 465 506	516 541 533 437 474	524 567 584 470 493	621 634 665 544 552	663 637 698 613 638	708 746 834 742 701

Source: U.S. Dept. of State, Bureau of Consuler Affairs, Summary of Passport Statistics, annual.

### No. 389. Foreign Travel to the U.S.—Travelers and Receipts: 1970 to 1986

[Travelers in thousands; expenditures in millions of dollars. Includes travelers for business and pleasure, foreigners in through the United States, and students; excludes travel by foreign government personnel and foreign businessmen employed the United States. Travelers from overseas excludes Canada and Mexico. See also Historical Statistics, Colonial Times to series H 946-951]

AREA OF ORIGIN	1970	1975	1979	1980	1981	1982	1983	1984	1985
Travelers from overseas	2,288	3,674	7,230	8,200	9,069	8,761	7,873	7,527	7,538
Western Europe	984	1,500	3,135	3,700	4,170	3,778	3,020	2,981	2,905
Caribbean, Central America	484 318	478 438	855 995	850	853	907	1,218	996 771	1,014
Japan	207	747	1,095	1,200	1,382	1,278	1,055	17.54	
Other	295	511	1,150	2,450	2,664	2,798	2,580	2,779	2,837
Total receipts	2,331	4.697	8,441	10,588	12,913	12,393	11,408	11,353	11,675
Canada	859	1,561	2,092	2,501	2,672	2,624	3,168	3,092	3,049
Mexico	583	1,311	1,975	2,522	3,775	3,098	1,951	1,905	2,013
U.S. border area	520	972	1,266	1,614	2,547	2,308	1,457	1,519	1,595
Western Europe	318	611	1,667	2,192	2,549	2,476	2,157	2,229	2,263
Caribbean, Central America	170	206	375	423	469	525	684	604	633
South America	164	303	793	1,063	1,273	1,269	1,091	879	921
Japan	101	410	699	824	949	1,084	1,128	1,294	1,418
Other	136	295	840	1,063	1,226	1,317	1,229	1,350	1,376
Fares to U.S. carriers 1	377	767	1,677	2,062	2,575	2,692	2,524	2,538	2,49
and the second s				1					- 400

<sup>1</sup> Includes fares paid to and from the United States only.

Source: U.S. Bureau of Economic Analysis, Survey of Current Business, June 1967, and earlier issues.

### IL U.S. Travel to Foreign Countries—Travelers and Expenditures: 1970 to 1986

a in thousands; expenditures in millions of dollars, except as indicated. Covers residents of United States and Puerto Rico. See also Historical Statistics, Colonial Times to 1970, series H 921-940]

ITEM AND AREA	1970	1975	1973	1985	1981	1982	1982	1964	1905	1965, prel.
ersess travelers 1	5,390	6,354	7,835	8,163	8,040	8,910	9,628	11,252	12,300	11,562
etination:  J Mediterranean  length of stay (deys)  and Central America  rica  tures abroad	27	3,185 24 2,065 447 657	4,088 20 2,533 434 800 8,413	3,934 21 2,624 594 1,011	3,931 (NA) 2,453 567 1,089	4,144 (NA) 2,637 529 1,200	4,760 19 2,969 535 1,324 13,566	5,760 17 3,313 557 1,622 15,449	6,457 18 3,497 553 1,802	5,126 (NA) 3,800 616 2,020
is areas  d Mediterranean per trip 2 (dollars) per day (dollars) and Central America rica	1,018 778 2,184 1,425 490 18.15	1,306 1,637 3,474 1,918 602 25,19 787 242 131 396	1,599 2,460 5,354 3,165 783 39,15 1,019 288 142 720	1,817 2,584 6,016 3,412 667 41,28 1,134 392 185 693	2,070 2,662 6,547 3,587 912 (NA) 1,277 383 214 1,068	1,936 3,324 7,134 3,787 914 (NA) 1,349 380 272 1,346	2,160 3,618 7,778 4,201 882 48.42 1,428 406 276 1,465	2,416 3,599 9,434 5,171 897 52.76 1,766 357 400 1,720	2,694 3,531 10,257 5,857 (NA) (NA) 1,830 365 458 1,747	3,242 3,879 10,506 5,315 (NA) (NA) 2,077 407 738 1,969

veilable. 

<sup>1</sup> Excludes the following: Travel to Canada and Mexico; travel between conterminous United States and all, Puerto Rico, and Virgin Islands; cruise travelers; military personnel and other Government employees and their stationed abroad, and U.S. citizens residing abroad.

<sup>2</sup> Excludes transatiantic passenger fares.

#### 11. AIR TRAVEL BETWEEN THE UNITED STATES AND FOREIGN COUNTRIES: 1960 TO 1966

fa. Covers passengers on international commercial flights arriving at and departing from U.S. airports. Excludes traffic I.S. and Canada, border crossers, crewmen, and military personnel. Travelers between U.S. ports in the 50 States, o, Guem, or the Virgin Islands; and any other outlying area are included. Data compiled from flight reports of U.S. and Naturalization Service. Selection of countries based on minimum of 145,000 arrivals in 1984, except for Greece, lined from earlier years. For related data, see also Historical Statistics, Colonial Times to 1870, series C 296-331]

			ARRIVALS				D	EPARTURE	8	
MER AND COUNTRY	1980	1983	1984	1985	1905	1980	1902	1964	1905	1985
lesengers	20,262	20,840	23,212	24,154	25,008	19,256	19,724	21,006	22,487	23,175
ler:										
100	10.031	10,696	11.623	11.797	12.254	9.369	9.866	10,531	10.696	10.711
	10,231	10,142	11.566	12.357	13.354	9.686	9.837	11.076	11,791	12,464
emberkation or									i i	
Mor: 1			l	1	1			-		1
	227	242	277	277	313	245	201	223	232	281
75-							1.075	1.063	1,151	1.208
The	1,123	1,344	1,373	1,503	2,466	1,006				213
***************************************	135	167	211	216	218	126	166	212	204	
••••••	242	250	242	281	316	231	226	216	249	285
	497	439	441	434	500	467	394	395	389	396
	300	306	321	352	433	291	303	304	322	397
MBN	113	154	187	208	254	90	128	167	187	219
***************************************	315	309	265	279	281	299	302	290	294	270
	267	230	239	241	247	254	219	235	254	261
Republic	468	532	575	606	705	443	490	479	528	626
	689	705	795	955	906	635	656	748	894	870
					400	***	400	400	404	175
men	121	144	170	173	199	112	135	160	161	
	208	234	265	187	66	190	222	234	210	91
······	133	159	175	192	179	124	144	156	169	163
<b>0</b>	228	217	295	270	304	152	184	263	238	267
	220	222	256	274	300	212	196	212	233	266
	189	233	255	294	187	186	226	278	255	236
	537	572	849	662	506	495	561	847	660	475
***************************************	429	682	712	707	851	382	601	616	607	778
	1.624	1.696	2.267	2,435	2.612	1,602	1.854	2.127	2.255	2.420
••••	2.886	2.691	2,901	2.719	2.843	2,886	2.670	2.808	2.674	2.876
<b>4</b> -	427	467	558	583	589	2,000	458	513	562	557
<b>33</b>	921	40/	336	363	209	+00	400	) 513	J 302	J 35/
ts Antilles	327	370	426	407	465	282	321	346	395	416
	150	146	168	180	176	142	184	194	209	201
<b>L</b>	194	158	165	145	144	160	133	166	165	177
	234	249	290	390	509	166	212	244	333	423
	312	376	418	419	304	273	350	378	397	302
	312	314	427	452	416	308	327	409	434	416
<u> </u>						2,840	2.667	3,103	3,322	3.063
gdom	2,973	2,812	3,222	3,460	3,215					3,063
l <del></del>	533	312	255	248	259	518	321	257	245	
nany	1,175	1,223	1,404	1,582	1,582	1,178	1,220	1,419	1,539	1,566
	2.674	2,683	2.987	3,025	3.219	2.534	2.574	2.746	2.720	2.996

where passenger boarded/deboarded a direct flight to/from the U.S.

S. Bureau of Economic Analysis, Survey of Current Business, June 1987, and earlier issues.

<sup>18.</sup> Dept. of Transportation, Transportation Systems Center, Cambridge, MA, U.S. International Air Travel Statistics,

### No. 392. Nonimmigrants Admitted, by Class of Admission: 1970 to 1986

[In thousands, except as noted, Except as noted, for fiscal years ending in year shown; see text, section 10. Nonimmigrants are non-resident aliens (non-U.S. citizens) admitted to the U.S. for a temporary period, included in this group are visitors for business and pleasure, students and their spouses and children, international representatives, treatly traders and investors, representatives of foreign information media, fishouscess) of U.S. citizens and their children, officials of the North Atlantic Treatly Organization (NATO) and aliens in transit. Most classes include spouses and unmarried minor (or dependent) children accompanying or following to join the alien. Excludes are border crossers, crewmen, and insular travelers. See also Historical Statistics, Colonial Times to 1970, series C 149-157]

CLASS OF ADMISSION	1970	1973	1961	1982	1982 1	1984	1906	1905
Nonimmigrants	4,431.9	7,083.9	² 11,7 <b>56.9</b>	° 11,779.4	9,849.4	9,426,8	9,675.7	10,807.1
Temporary visitors, total Percent of total For pleasure For businese For businese Transit allens a	75.5 3,020.4 324.8 493.5	5,587.4 78.9 5,080.0 527.4 800.0 273.0	10,650.6 90.6 9,515.2 1,135.4 (X) 214.1	10,627.6 90.2 9,401.1 1,226.4 (x) 189.5	88.6 6,766.4	87.2 6,594.6		9,279.9 87.5 7,342.0 1,937.9 (d) 243.9
Foreign government officials *	107.3	86.4 35.0 118.0 32.6	64.7 60.8 271.9 54.2	91.1 94.7 294.6 55.0	92.6 92.8 318.2 56.6	89.4 90.5 256.5 56.6	90.2 96.5 286.5 57.2	93.7 103.7 286.2 59.4
Temporary workers and industrial trainees	11.1 89.3 5.3	67.3 15.6 37.5 3.8 10.6	54.9 (NA) (NA) 10.1	63.9 (23) (23) 11.5	83.2 39.9 29.5 3.0 10.8	79.6 42.5 23.4 2.9 10.8	\$7.5 47.3 24.5 3.0 12.6	98.1 54.4 28.0 2.9 13.7
Representatives of foreign information media * Exchange visitors *		6.1 63.4	16.7 108.0	13.5 115.4	16.3 118.5	19.1 120.9	16.8 141.2	16.9 163.0
NATO officials * Flance(ees) of U.S. citizens * intracompany transferees * Parolees * Refugees Other	.1 (X)	4.0 6.4 22.3 (X) (X)	7.1 6.2 65.0 (X) (X)	6.8 7.5 81.0 (X) (X)	6.8 7.2 104.6 51.5 62.9 34.8	7.8 7.1 103.6 47.8 68.5 23.1	8.3 7.8 108.9 47.5 68.0 20.3	7.0 8.1 108.0 45.9 51.2 39.1

NA Not available. X Not applicable. <sup>1</sup> Calendar year. <sup>2</sup> Includes nonimmigrants admitted whose class was unknown.

\*For 1970-1979, returning resident allens who had once been counted as immigrants were included with nonimmigrants. Since 1991, data no longer collected. <sup>4</sup> Includes foreign government officials and their squees and (unmarried minor or dependent) children, in tramelt. <sup>5</sup> Includes apouses and children. <sup>6</sup> Includes children of flances(ess) of U.S. citizens. <sup>7</sup> Allens allowed to enter the U.S. for a temporary period of time on emergency conditions or when the entry is determined to be in the public interest (e.g., witness in court).

Source: U.S. Immigration and Naturalization Service, Statistical Yearbook, annual.

### No. 393. Nonimmigrants Admitted, by Country of Last Permanent Residence: 1983 to 1986

[In thousands. For years ending September 30, except as noted. For definition of nonimmigrants, see table 392. Students and others entering with multiple entry documents are only counted on the first admission. Changes in reporting requirements affect reporting of nonimmigrants especially from Canada and Mesdoo]

COUNTRY	19831	1984	1985	1986	COUNTRY	1983 1	1984	1985	1986
Total	9,849	9,427	9,676	10,607	Europe <sup>3</sup>	3,290			3,820
America <sup>2</sup>	3 290	2,902	3.048	3,108	Austria	48 73	50 66	51 67	82
Argentina	95	84	89	181	Denmark	52	55	59	73
Sahamas, The		215	231	254		336	354	359	449
Brazil	215	175	201	252	France	445	573	543	659
Canada	183	161	159	150	Germany	47	50	52	56
Colombia	257	172	166	160	Greece	67	67	73	200
Dominican Republic	112	90	88	97	Ireland	01	0/	10	90
Ecuador	50	48	53	63	Bahi	223	236	241	277
Guatemala	96	86	71	72	Netherlands	156	144	140	168
faiti	87	75	80	80	Norway	70	71	71	85
Jamaica	160	116	127	147	Poland	16	29	47	56
Mexico	669	823	954	822	Portugal	22	25	27	29
Panama	69	57	55		rottogai	22	20	-	20
Peru		69	60	58 63	Soviet Union 4	6	6	6	
Trinidad and Tobago		98	90	76	Spain	120	104	104	119
Venezuela	285	186	173	148	Sweden	118	122	122	141
OHOESOIR COMMENCENTION	200	100	1113	140	Switzerland	158	161	155	163
Asia <sup>2</sup>	2,312	2.468	2,649	2,832	United Kingdom	1,092	1.000	925	1,155
China 3		147	186	190	Yugoslavia	17	20	22	26
Hong Kong	102	104	101	113	1 Ogosava			_	- 77
ndia	72	82	86	99	Africa	196	200	179	197
ran	22	30	42	32	Australia and New Zealand	311	326	347	370
srael	114	116	116	137	Other countries and			-	F 530
Japan	1,335	1.442	1,558	1,683	unknown	450	317	309	280
Corea	77	82	93	103	Mark Miles	100		200	100
Philippines	93	107	109	113					1 3
. market and and an an an an an an an an an an an an an	90	101	100	113					171

<sup>&</sup>lt;sup>1</sup> Calendar year. <sup>2</sup> Includes countries not shown separately. <sup>3</sup> Includes Taiwan. <sup>4</sup> Europe and Asia. Source: U.S. Immigration and Naturalization Service, Statistical Yearbook, annual.

No. 364. TRAVEL BY U.S. RESIDENTS BY SELECTED TRIP CHARACTERISTIC: 1981 TO 1986
[In millions. Represents trips to places 100 miles or more away from home]

CHARACTERISTIC			T	RIPS			PERSON-TRIPS						
CHARACTERISTIC	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986	
Total	587.2	537.3	540.9	528.2	558.4	592.3	1,152.0	1,069.3	1,057.8	1,012.0	1,077.6	1,121.5	
Purpose: Visit friends and	6			2.5	E		-5			12/54			
relatives	201.3	191.3	181.9	180.3	206.8	214.7	421.0	409.8	384.6	384.5	430.8	442.5	
Other pleasure	187.4	180.4	189.6	170.4	177.6	200.3	412.3	377.7	401.4	349.7	376.0	418.9	
convention	113.6	101.9	103.6	114.5	133.3	140.0	157.3	152.4	146.4	156.1	185.2	189.0	
Other	84.9	63.7	65.8	63.0	40.7	37.3	161.4	129,4	125.4	121.7	85.6	71.1	
Mode of transport: Auto, truck, recreation					5				10.34	16-3			
vehicle	456.2	415.7	396.1	380.9	376.1	405.6	957.4	881.5	839.8	794.0	797.7	832.1	
Airplane	99.9		116.2	118.8	140.5	143.4	144.0	144.9	174.2	174.5	217.3	231.0	
Other	31.1	27.0	28.6	28.5	41.8	43.3	50.6	42.9	43.8	43.5	62.6	58.4	
Vacation trip Weekend trip			307.8 225.5	333.3	339.8 224.0	354.3 252.0	737.9 545.7	660.2 505.3	642.3 485.0	689.6 434.9	728.7 470.1	752.4 513.5	

Source: U.S. Travel Data Center, Washington, DC, 1986 National Travel Survey, annual. (Copyright.)

11.

### No. 395. Business Receipts and Employment of Selected Travel Industry Sectors: 1973 to 1986

		BL	SINESS	RECEIP	TS (mil. c	iol.)			EM	PLOYM	ENT (1,00	(00)	
	9.00	Tra	nsporta	tion	TeT.	Forter	Amuse-	4	Transpo	rtation	e e la		Amuse
YEAR	Travel indus- try, total	Air ¹	Bus	Rail <sup>2</sup>	Motel, hotel	Eating and drink- ing places	ment and recrea- tion serv- ices	Travel indus- try, total	Intercity high- way passen- gers	Air	Eating and drink- ing places	Hotels, motels, and tourist courts	and recrea- tion serv- ices
1973 1974 1975	77,578 87,214 96,840		1,023 1,152 1,172	202 246 237	10,955 11,757 13,002	40,402 44,673 51,067	16,478 19,483 21,061	4,812.2 5,018.4 5,228.5	42.4	365.7 367.8 362.8	3,053.8 3,231.2 3,379.5	807.7 823.5 849.5	543.7 553.5 596.8
1977	121,685 136,356 158,257	12,104 13,773 15,753 18,931 23,317	1,331 1,420 1,664	266 281 287 365 415	15,129 16,413 20,070 25,229 26,832	57,211 63,276 71,724 81,990 89,924	26,611 27,102 30,078	5,591.6 5,951.0 6,375.2 6,719.9 6,918.3	37.4 36.1 36.7	386.3 407.9 438.2		885.2 913.0 945.6 1,019.9 1,037.7	636.8 665.7 708.4 712.0 763.5
1982 1963 1984 1985	194,789 204,098 222,401 241,764 257,915 275,566	25,504 25,442 27,347 31,181 32,247 32,900	2,103 2,211 2,241 2,229	468 465 515 557 605 631	35,897 38,917 41,837	97,969 104,427 114,684 124,541 133,243 142,900	37,207 38,912 41,747 44,327 47,754 51,100	7,102.2 7,205.6 7,481.3 7,938.7 8,399.3 8,759.5	38.8 35.5 37.3 35.7	443.6 455.2 488.5 519.0		1,076.4 1,092.8 1,131.1 1,221.3 1,293.0 1,331.8	783.6 799.2 817.7 803.6 838.5 913.1

NA Not available. <sup>1</sup>U.S. certificated carriers in domestic service. <sup>2</sup>Covers flacal years October 1 through September 30. Source: U.S. Travel Data Center, Washington, DC, *The 1985-86 Economic Review of Travel in America.* (Copyright.)

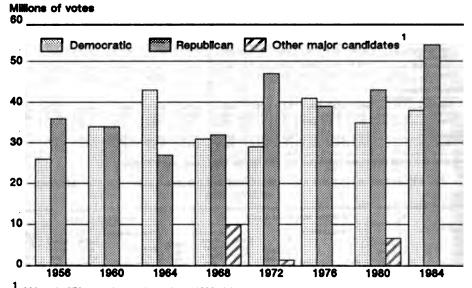
### No. 396. DOMESTIC TRAVEL EXPENDITURES BY STATE: 1984 AND 1985

(in millions of dollars, except percent. Represents U.S. spending on domestic overnight trips and day trips of 100 miles or more away from home. Excludes spending by foreign visitors and by U.S. residents in U.S. tentionies and abroad)

STATE	1984	1985	Percent change, 1984- 1985	STATE	1984	1985	Percent change, 1984- 1985	STATE	1984	1985	Percent change, 1984- 1985
U.S. total	223,318	242,443	8.6	кү	2,225	2,290	2.9	ND	629	648	3.1
Section 1				LA	3,742	3,790	1.3	OH	6,433	6,849	6.5
AL	1,623	1,753	8.0	ME	1,532		12.9	OK	2,788	2,902	4.1
AK	903	919	1.8	MD		4,346	14.2	OR		2,462	6.9
AZ	3,845	4,389	14.2	MA	5,243	5,666	8.1	PA	8,375	9,321	11.3
AR	1,822	1,870	2.6	MI	6,289	7,172	14.1	RI	431	488	13.2
CA	28,552	32,507	13.9	MN	4,955	5,209	5.1	SC	3,019	3,386	12.2
00	4,638	5,005	7.9	MS	1,254	1,369	9.2	SD	552	576	4.4
CT	2,428	2,635	8.5	MO	4,705	4,976	5.8	TN	3,333	3,756	12.7
DE	556	660	18.8	MT	726	742	2.1	TX	15,017	15,685	4.5
DC	1,144	1,232	7.7	NE	1,252	1,280	2.2	UT	1,761	1,852	5.2
FL	17,681	18,642	5.4	NV		6,912	7.0	VT	1,182	1,228	3.9
GA	4,862	5,222	7.4	NH	1,504	1,562	3.9	VA	4,710	5,305	12.6
H	2,532	2,781	9.8	NJ	11,441	12,933	13.0	WA	3,452	3,837	11,1
ID	935	975	4.2	NM ,	1,726	1,804	4.5	WV	1,271	1,298	2.2
Lacromone	7,792	6,662	11.2	NY	15,728	16,538	5.2	WI	3,858	4,065	5.4
IN	2,775	2,965	6.9	NC	5,251	5,668	7.9	WY	779	805	3.3
IA	1,768	1,918	8.4		200		A. A.	1.65	7.7	144.0	
KS	1,734	1,862	7.4			1			100		

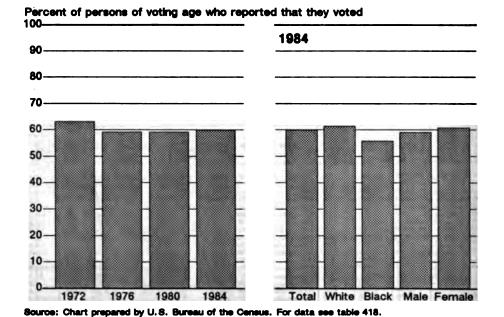
Source: U.S. Travel Data Center, Weshington, DC, Impact of Travel on State Economies, 1994 and 1995. (Copyright)

Figure 8.1 Popular Vote Cast for President, by Major Party: 1956 to 1984



<sup>&</sup>lt;sup>1</sup>1988 and 1972-American Independent; 1980-John Anderson Source: Chart prepared by U.S. Bureau of the Census. For data see table 397.

Figure 8.2 Voter Participation in Presidential Elections: 1972 to 1984





### Section 8

### **Elections**

This section relates primarily to Presidential, congressional, and gubernatorial elections. Also presented are summary tables on congressional legislation, State legislatures, Black, Hispanic, and female officeholders, population of voting age, voter participation, and campaign finances.

Official statistics on Federal elections, collected by the Clerk of the House, are published biennially in Statistics of the Presidential and Congressional Election and Statistics of the Congressional Election. Federal and State elections data appear also in America Votes, a biennial volume of the Elections Research Center, Washington, DC. Federal elections data also appear in the U.S. Congressional Directory, and in official State documents. Data on reported registration and voting are obtained by the U.S. Bureau of the Census as part of the Current Population Survey (CPS) and are published in Current Population Reports, series P-20 (see text, section 1).

Almost all Federal, State, and local governmental units in the United States conduct elections at various intervals for different offices and other purposes. The conduct of elections is regulated by State laws or, in some cities and counties, by local charter. An exception is thet the U.S. Constitution prescribes the basis of representation in Congress and the manner of electing the President, and grants to Congress the right to regulate the times, places, and manner of electing Federal officers. Amendments to the Constitution have prescribed national criteria for voting eligibility. The 15th Amendment, adopted in 1870, gave all citizens the right to vote regardless of race, color, or previous condition of servitude. The 19th Amendment, adopted in 1919, further extended the right to vote to all citizens regardless of sex. The payment of poll taxes as a prerequisite to voting in Federal elections was banned by the 24th Amendment in 1964. In 1971, as a result of the 26th Amendment, eligibility to vote in national elections was extended to all citizens, 18 years old and over.

Presidential election.—The Constitution specifies how the President and Vice President are selected. Each State elects, by popular vote, a group of electors equal in number to its total of members of Congress. Subsequent to the election, the electors meet in their respective States to vote for President and Vice President. Usually, each elector votes for the candidate receiving the most popular votes in his or her State. A majority vote of all electors is necessary to elect the President and Vice President. If no candidate receives a majority, the House of Representatives, with each State having one vote, is empowered to elect the President and Vice President, again, with a majority of votes required.

The 22d Amendment to the Constitution, adopted in 1951, limits presidential tenure to 2 elective terms of 4 years each, or to 1 elective term for any person who, upon succession to the Presidency, has held the office or acted as President for more than 2 years. The 23d Amendment, adopted in 1961, grants the District of Columbia 3 presidential electors, a number equal to that of the least populous State.

Congressional election.—The Constitution provides that Representatives be apportioned among the States according to their population; that a census of population be taken every 10 years as a basis for apportionment; and that each State have at least 1 Representative. At the time of each apportionment, Congress decides what the total number of Representatives will be. Since 1912, the total has been 435, except during 1960 to 1962 when it increased to 437, adding 1 Representative each for Alaska and Hawaii. The total reverted to 435 after reapportionment following the 1960 census. Members are elected for 2-year terms, all terms covering the same period. The District of Columbia, American Samoa, Guam, and the Virgin Islands each elect one nonvoting Delegate and Puerto Rico elects a nonvoting Resident Commissioner.

The Senate is composed of 100 members, 2 from each State, who are elected to serve for a term of 6 years. One-third of the Senate is elected every 2 years. Senators were originally chosen by the State legislatures. The 17th Amendment to the Constitution, adopted in 1913, prescribed that Senators be elected by popular vote.

Voter eligibility and participation.—The Census Bureau publishes estimates of the population of voting age and the percent casting votes in each State for Presidential and congressional elec-

tion years. These voting-age estimates include a number of persons who meet the age requirement but are not eligible to vote, (e.g. aliens and some institutionalized persons). In addition, since 1964, voter participation and voter characteristics data have been collected during November of election years as part of the CPS. These survey data include noncitizens in the voting age population estimates, but exclude members of the Armed Forces and the institutional population.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross- references, where applicable, to Historical Statistics of the United States. Colonial Times to 1970. See Appendix IV.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986*. For cross-references, see Appendix V.

No. 397, VOTE CAST FOR PRESIDENT, BY POLITICAL PARTIES: 1920 TO 1964

[Prior to 1980, excludes Aleska and Hewel; prior to 1984, excludes DC. Vote cast for major party candidates includes the votes of minor parties cast for those candidates. See also Historical Statistics, Colonial Times to 1970, series Y 79-83 and Y 135]

	CANDIDATES F	OR PRESIDENT			VOTE CA	ST FOR PR	ESIDENT		
				0	emocratic		R	epublicen	
YEAR	Democratic	Republican	Total popular vote <sup>1</sup>	Popula	rvote	Elec-	Popula	vote	Elec-
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(1,000)	Number (1,000)	Per- cent	toral vote	Number (1,000)	Per- cent	toral vote
1920	Devis Smith F. D. Rocsevelt F. D. Rocsevelt F. D. Rocsevelt F. D. Rocsevelt Trumen Stevenson	Coolidge	29,096 36,806 39,768 45,654 49,900 47,977 48,794	9,133 8,367 15,008 22,829 27,757 27,313 25,613 24,179 27,315	34.1 28.8 40.8 57.4 60.8 54.7 53.4 49.6 44.4	127 136 87 472 523 449 432 303 80	16,153 15,720 21,437 15,760 16,684 22,348 22,018 21,991 33,936	60.3 54.0 58.2 39.8 36.5 44.8 45.9 45.1 56.1	401 361 441 561 861 151 441
1966	Kennedy Johnson Humphrey McGovern Carter	Nison	62,027 68,838 70,845 73,212 77,719 81,556	26,023 34,227 43,130 31,275 29,170 40,831 35,484 37,577	42.0 49.7 61.1 42.7 37.5 50.1 41.0 40.8	73 303 486 191 17 297 49 13	36,590 34,108 27,178 31,786 47,170 39,148 43,904 54,455	57.4 49.5 36.5 43.4 60.7 48.0 50.7 58.8	457 211 53 30 524 484 52

	VOTE CAST FOR PRESIDENT—Con.		VOTE CAST FOR PRESIDENT—Con.
YEAR	LEADING OTHER CANDIDATES	YEAR	LEADING OTHER CANDIDATES—Con.
1920	Eugene Debs, Socialist, 915,490. P. P. Christensen, Farmer-Labor, 265,229.	1962	Vincent Hallinen, Progressive, 140,023. Stuart Hambien, Prohibition, 72,949.
	Robert LaFoliette, Progessive, 4,832,532. Herman P. Faris, Prohibition, 56,292.	1956	T. Colemen Andrews, States' Rights, 111,178 Eric Hees, Sociellet Labor, 44,450.
	Norman Thomas, Socialist, 265,563. Verne L. Reynolds, Socialist Labor, 21,586.		Eric Hess, Socialist Labor, 47,522. Rutherford Decker, Prohibition, 46,203.
1932	Norman Thomas, Socialist, 884,649. William Z. Foster, Communist, 103,253.	1964	Eric Hees, Socialist Labor, 45,219. Ciliton DeBerry, Socialist Workers, 32,720.
1936	William Lemks, Union, 892,267. Norman Thomas, Socialist, 187,833.	1968	9,906,473.
	Normen Thomas, Societist, 116,410. Roger Babson, Prohibition, 58,708.	1972	Benjamin Spock, People's, 78,756.
	Normen Thomas, Societies, 79,003. Claude Watson, Prohibition, 74,799.	1976	Eugene McCerthy, Independent, 758,891. Roger MecBride, Libertarien, 173,011.
1948	Strom Thurmond, States' Rights, 1,176,125. Henry Wallace, Progressive, 1,157,326.	1980	John Anderson, Independent, 5,720,080. Ed Clark, Libertarian, 921,299.
		1884	Devid Bergland, Libertarien, 226,314 Lyndon H. LaRouche, Independent, 78,807

<sup>&</sup>lt;sup>1</sup> Includes votes for minor party candidates, independents, unpledged electors, and scattered write-in votes.
Source: Elections Research Center, Washington, DC, America at the Polis, 1985, and America Votes, blenniel, (copyright).

### No. 396. ELECTORAL VOTE CAST FOR PRESIDENT, BY MAJOR POLITICAL PARTY—STATES: 944 TO 1984

[D=Democratic, R=Republican. For composition of regions, see fig. I, inside front cover. See also Historical Statistics, Colonial Times to 1970, series Y 84-134]

REGION, DIVISION, AND STATE	1944	1948 '	1952	1956 <sup>3</sup>	1960 s	1964	1968 *	1972 *	1976 *	1980	1984
Democratic	432 99	303 189	89 442	73 457	303 219	486 52	191 301	17 520	297 240	49 489	13 525
Northeast: Democratic	130	20	1.00	- 2	121	126	102	14	86	4	10.5
Republican	73	118	133	133	12 71	149	24 31	108	36 58	118	113
Republican	82	54	153	140	82	149	118	145	87	135	127
South: Democratic	167	117	89	60	101	121	45	3	149	31	3
West: Democratic	62	65	77	105	50 10	47 90	13	165	20	138	174
Republican	9	6	79	79	75	5	82	102	97	98	111
New England: ME	R-5	R-5	R-5	R-5	R-5	D-4	D-4	R-4	R-4	R-4	R-4
NH	D-4	R-4	R-4	R-4	R-4	D-4 D-4	R-4	R-4	R-4	R-4	R-4
УТ	R-3	R-3	R-3	R-3	R-3	D-3	R-3	R-3	R-3	R-3	R-3
MA		D-16 D-4	R-16 R-4	R-16 R-4	D-16 D-4	D-14 D-4	D-14 D-4	D-14 R-4	D-14 D-4	R-14 D-4	R-13
CT	D-8	R-8	R-8	R-8	D-8	D-8	D-8	R-8	R-8	R-8	R-8
Middle Atlantic: NY	D-47	R-47	R-45	R-45	D-45	D-43	D-43	R-41	D-41	R-41	R-36
NJ PA		R-16	R-16 R-32	R-16	D-16 D-32	D-17 D-29	R-17	R-17 R-27	R-17 D-27	R-17	R-16
		R-35	R-32	R-32	D-32	D-29	D-29	R-27	D-27	R-27	R-25
East North Central: OH	R-25 R-13	D-25 R-13	R-25 R-13	R-25 R-13	R-25 R-13	D-26 D-13	R-26 R-13	R-25 R-13	D-25 R-13	R-25 R-13	R-23 R-12
IN		D-28	R-27	R-27	D-27	D-26	R-26	R-26	R-26	R-26	R-24
Monatoronia	D-19	R-19	R-20	R-20	D-20	D-21	D-21	R-21	R-21	R-21	R-20
WI	R-12	D-12	R-12	R-12	R-12	D-12	R-12	R-11	D-11	R-11	R-11
West North Central: MN	D-11	D-11	R-11	R-11	D-11	D-10	D-10	R-10	D-10	D-10	D-10
IA		D-10 D-15	R-10	R-10 D-13	R-10 D-13	D-9	R-9	R-8	R-8	R-8	R-8
MO	R-4	D-15 R-4	R-13 R-4	D-13 R-4	D-13 R-4	D-12 D-4	R-12 R-4	R-12 R-3	D-12 R-3	R-12 R-3	R-11 R-3
SD	R-4	R-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4	R-3
NE	R-6	R-6	R-6	R-6	R-6	D-5	R-5	R-5	R-5	R-5	R-5
KS	R-8	R-8	R-8	R-8	R-8	D-7	R-7	R-7	R-7	R-7	R-7
South Atlantic: DE	D-3	R-3	R-3	R-3	D-3	D-3	R-3	R-3	D-3	R-3	R-3
MD		R-8	R-9	R-9	D-9	D-10	D-10	R-10	D-10	D-10	R-10
VA	D-11	D-11	R-12	R-12	R-12	D-3 D-12	D-3 R-12	D-3	D-3 R-12	D-3 R-12	D-3 R-12
W	D-8	D-8	D-8	R-8	D-8	D-7	D-7	R-6	D-6	D-6	R-6
NC	D-14	D-14	D-14	D-14	D-14	D-13	*R-12	R-13	D-13	R-13	R-13
SC	D-8	(')	D-8	D-8	D-8	R-8	R-8	R-8	D-8	R-8	R-8
GA	D-12 D-8	D-12 D-8	D-12 R-10	D-12 R-10	D-12 R-10	R-12 D-14	B-14	R-12 R-17	D-12 D-17	D-12 B-17	R-12 R-21
			127 ISE		10000	7.00	100	100	100	100	1
East South Central: KY	D-11 D-12	D-11	D-10	R-10	R-10	D-9	R-9	R-9	D-9	R-9	R-9
TN			R-11 D-11	B-11 2D-10	R-11 *D-5	D-11 R-10	H-11	R-10 R-9	D-10 D-9	R-10 R-9	R-11 R-9
MS control mentions and the	D-9	(1)	D-8	D-8	(3)	R-7	(*)	R-7	D-7	R-7	R-7
West South Central; AR	D-9	D-9	D-8	D-8	D-8	D-6	(4)	R-6	D-6	R-6	R-6
LA	D-10	(1)	D-10	R-10	D-10	R-10	(*)	R-10	D-10	R-10	R-10
OK.	D-10 D-10 D-23	D-10 D-23	R-8 R-24	R-8 R-24	9 R-7 D-24	D-8 D-25	R-8 D-25	R-8 R-26	R-8 D-26	R-8 R-26	R-8 R-29
Mountain: MT		1	1000	1000	175.75			2 37	10 100	1777	
Mountain: M I	D-4 D-4	D-4 D-4	R-4 R-4	R-4	R-4 R-4	D-4 D-4	R-4	R-4	R-4	R-4 R-4	R-4
WY	R-3	D-3	R-3	R-3	R-3	D-3	R-3	R-3	R-3	R-3	R-3
0	R-6	D-6	R-6	R-6	R-6	D-6	R-6	B-7	R-7	R-7	R-8
NMAZ	D-4 D-4	0-4	R-4	R-4	D-4 R-4	D-4 R-5	R-4 R-5	R-4 R-6	R-4 R-6	R-4 R-6	R-5 R-7
AZ	D-4	0-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4	R-5
NV	D-3	D-3	R-3	R-3	D-3	D-4 D-3	R-3	R-3	R-3	R-3	R-4
Pacific: WA	D-8	D-8	R-9	R-9	R-9	D-9	D-9	R-9	*R-8	R-9	R-10
OR	D-6	R-6	R-6	R-6	R-6	D-6	R-6	R-6	R-6	R-6	R-7
CA	D-25	D-25	R-32	R-32	R-32 R-3	D-40 D-3	R-40 R-3	R-45 R-3	R-45 R-3	R-45 R-3	R-47 R-3
HI.	(x)	(x)	(x)	(x)	D-3	0-4	D-4	R-4	D-4	D-4	R-4

Represents zero. X Not applicable. \*Excludes 39 electoral votes cast for States' Rights Democratic candidates as follows: AL 11; LA 10; MS 9; SC 8; and TN 1. \*Excludes 1 electoral vote cast for Walter B. Jones in Alabama. \*Excludes 1 electoral vote cast for Walter B. Jones in Alabama. \*Excludes 1 electoral vote cast for Harry F. Byrd as follows: AL 6; MS 8; and OK 1. \*Excludes 1 electoral vote cast for John Hospers in Virgina. \*Excludes 1 electoral vote cast for John Hospers in Virgina. \*Excludes 1 electoral vote cast for Ronald Reagan in Washington. \*Bource: 1944–1972; U.S. Congress, Clerk of the House; Statistics of the Presidential and Congressional Election, quadrenniat; thereafter, Elections Research Center, Washington, DC, America Votes, blennial. (Copyright.)

### No. 399. POPULAR VOTE CAST FOR PRESIDENT, BY POLITICAL PARTY—STATES: 1976 TO 1984

[In thousands, except percent. D=Democratic, R=Republican. Leading party vote refers to the party vote representing either a majority or a plurality for the victorious party in the area shown. For composition of regions, see fig. I, inside front cover. See also Historical Statistics, Colonial Times to 1970, series Y 135-186]

10 may 15 miles		19	76			19	80			19	84	
REGION, DIVISION, AND STATE	Total 1	Demo- cratic Party	Re- pub- lican Party	Percent for leading party	Total 1	Demo- cratic Party	Re- pub- lican Party	Percent for leading party	Total '	Demo- cratic Party	Re- pub- lican Party	Percent for leading party
U.S	81,556	40,831	39,148	D-50.1	86,515	35,484	43,904	R-50.7	92,653	37,577	54,455	R-58.
Region:	15000	255		Same	100		-00	1- X-5		77.7	-	CER.
Northeast	19,520 24,155	9,929	9,272	D-50.9 R-49.7	19,206 25,178	8,019	9,147	R-47.6 R-50.9	20,483 25,441	9,046	11,336	R-55.3
Midwest	23,198	12,520	10,394	D-54.0	25,813	11,554	13,118	R-50.8	28,833	10,998	17,699	R-61.
West	14,682	6,711	7,488	D-54.0 R-51.0	25,813 16,318	5,620	8,813	R-54.0	17,895	7,022	10,659	R-59.
N. Eng	5,351	2,766	2,454	D-51.7	5,467	2,206	2,446	R-44.7	5,614	2,437	3,153	R-56.
N. Eng ME	483	232	236	R-48.9 R-54.7	523	221	239	R-44.7 R-45.6 R-57.7	553	215	337	R-60.
NH	340	148	186	R-54.7	384	109	222	R-57.7	389	120	267	
MA	188 2,548	1,429	1,030	R-54.4 D-56.1	213 2,524	1,054	1,058	R-44.4	235 2,559	1,240	1,311	R-57. R-51.
MA	411	228	181	D-55.4	416	198	155	D-47.7	410	197	212	R-51
CT	1,382	648	719	R-52.1	1,406	542	677	R-41.9 D-47.7 R-48.2	1,467	570	891	R-51. R-60.
Mid. Atl	14,169	7,164	6,817	D-50.6	13.739	5,813	6,703	R-48.8	14,870	6,609	8,183	R-55
NY	6,534	3,390	3,101	D-50.6 D-51.9	13,739 6,202	2,728	2.894	R-48.8 R-46.7	6,807	3,120	3,665	R-55.0
NJ	3,014	1,445	1,510	R-50.1	2.976	1.147	1,547	R-52.0	3,218	1.261	1,934	R-60.
PA	4,621	2,329	2,206	D-50.4	4,562	1,938	2,262	R-49.6	4,845	2,228	2,584	R-53.
E. No. Cent	16,809	8,035	8,448	R-50.3	17,458	7,221	8,825	R-50.5	17,613	7,279	10,213	R-58.
OH	4,112 2,220	2,012	2,001	D-48.9 R-53.3	4,284	1,752	2,207	R-51.5 R-56.0	4,548 2,233	1,825	2,679	R-58.
IN	4,719	1,015	1,184	R-50.1	2,242 4,750	1,981	1,256 2,358		4,819	2,086	1,377	R-61.
MI	3,654	1,697	1,894	R-51.8	3,910	1,662	1,915	R-49.6 R-49.0	3,802	1,530	2.252	R-56.
WI	2,104	1,040	1,005	D-49.4	2,273	982	1,089	R-47.9	2,212	996	1,199	R-54.
W. No. Cent	7.346	3,635	3,547	D-49.5	7,719	3,070	4,002	R-51.8	7,828	3,232	4,548	R-58
MN	7,346 1,950	1,070	819	D-49.5 D-54.9	2,052	954 509	873	D-46.5	2,084	1,036	1 033	R-58.
IA	1,279	620	633	R-49.5	1,318	509	676	R-51.3	1,320	606	703	R-53.
MO	1,954 297	998 136	927 153	D-51.1 R-51.6	2,100	931 79	1,074	R-51.2 R-64.2	2,123	849 104	1,274	R-60.0
SD	301	147	152	R-50.4	328	104	198	R-60.5	318	116	200	R-63.
NE	608	234	360	R-59.2	641	167	420	R-65.5	652	188	460	R-70.
KS	958	430	503	R-52.5	980	326	567	R-57.9	1,022	333	677	R-66.
So. Atl	11,392	6,264	5,005	D-55.0	12,589	5,698	6,198	R-49.2	14,124	5,519	8,565	R-60,
DE	236	123	110	D-52.0 D-52.8	236	106	111	R-47.2 D-47.1 D-74.8	255	102	152	R-59.
MD	1,440	760 138	673 28	D-52.8 D-81.6	1,540	726 131	681	D-47.1	1,676	788 180	880	R-52.
VA	1,697	814	837	R-49.3	1,866	752	990	R-53.0	211	796	1,337	R-62
wv	751	436	315	D-58.0	738	367	334	D-49.8	736	328	405	R-55.
NC	1,679	927	742	D-58.0 D-55.2	1,856	876	915	D-49.8 R-49.3	2,175	824	1,346	R-55. R-61.
SC	803	451	346	D-56.2	894	430	442	R-49.4	969	344	616	R-63.
GA	1,467 3,151	979 1,636	1,470	D-66.7 D-51.9	1,597 3,687	891 1,419	2,047	D-55.8 R-55.5	1,776 4,180	1,449	1,069	R-60.
	(2000)	137	7,000	0.00	1	0.00	17,5			.,	36.5	1000
E. So. Cent KY TN	4,596 1,167	2,482 616	2,037 532	D-54.0 D-52.8	5,147 1,295	2,465 616	2,518 635	R-48.9	5,464 1,369	2,155 540	3,267 822	R-59.
TN	1,476	826	634	D-55.9	1,618	783	788	R-49.1 R-48.7	1,712	712	990	R-60.0
AL	1,183	659	504	D-55.7	1,342	637	654	R-48.8	1,442	552	873	R-60.
MS	769	361	367	D-49.6	893	429	441	R-49.4	941	352	582	R-61.
W. So. Cent	7,210	3,774	3,354	D-52.4	8,078	3,389	4,403	R-54.5	9,244	3,325	5,867	R-63.
AR	768	499	268	D-65.0	838	398	403	R-48.1	884	339	535	R-60.
CA	1,278	661	587 546	D-51.7	1,549	708	793	R-51.2	1,707	652	1,037	R-60.
AR LA OK TX	1,092	532	1,953	R-50.0 D-51.1	1,150 4,542	1,881	2,511	R-60.5 R-55.3	1,256 5,398	1,949	3,433	R-68.
	Y 200	1.500			100		-	16 000	1		10000	1 2 2 2
MT	3,815	1,569	2,124	R-55.7 R-52.8	4,346 364	1,251	2,637 207	R-60.7 R-56.8	4,736 384	1,546	3,131	R-66.
ID	344	127	204	R-59.3	437	110	291	R-66.5	411	109	298	R-72
WY	156	62	93	R-59.3	177	49	111	R-62.6	189	53	133	R-70.
NM	1,082	460 201	584 211	R-54.0 R-50.5	1,184 457	368 168	652 251	R-55.1 R-54.9	1,295 514	455 202	822 307	R-63.
AZ	743	296	419	R-56.4	874	247	530	R-60.6	1,026	334	681	R-66.
AZ UT NV	541 202	182	338	R-62.4	604	124	440	R-72.8	630	155	469	R-66.4
NV	202	92	101	R-50.2	248	67	155	R-62.5	287	92	189	R-65.
Pac	10,867	5,140	5,364	R-49.4	11,973	4,369	6,177	R-51.6	13,159	5,476	7,528	R-57.
WA	1,556	717	778	R-50.0	1,742	650	865	R-49.7 R-48.3	1,884	807	1.052	R-55.
OR	7,867	490 3,742	492 3,882	R-47.8 R-49.3	1,182 8,587	457 3,084	571 4,525	R-48.3 R-52.7	1,227 9,505	536 3,923	686 5,467	R-55.
AK	124	3,742	72	R-57.9	158	3,084	4,525	B-54.3	208	3,923	138	R-66.
			140	D-50.6		136		D-44.8	336	147	185	R-55.

<sup>1</sup> includes other parties.

Source: Elections Research Center, Washington, DC, America Votes, biennial. (Copyright.)

### No. 400. VOTE CAST FOR UNITED STATES SENATORS, BY MAJOR POLITICAL PARTY—STATES: 1982 TO 1986

[In thousands, except percent. Except as noted, excludes elections to fill vacancies for unexpired term]

		15	82			15	184			- 15	866	
DIVISION AND STATE	Total 1	Demo- cratic	Republi- can	Per- cent for lead- ing party	Total 1	Demo- cratic	Republi- can	Per- cent for lead- ing party	Total 1	Demo- cratic	Republi- can	Per- cent for lead- ing party
N. Eng.: ME NH VT MA RI CT	460 (x) 168 2,051 343 1,084	280 (X) 79 1,247 167 499	180 (x) 84 785 175 546	60.9 (x) 50.3 60.8 51.2 50.4	551 384 (x) 2,530 395 (x)	143 157 (X) 1,393 287 (X)	404 226 (x) 1,137 108 (x)	73.3 58.7 (x) 55.1 72.6 (x)	(x) 245 197 (x) (x) 977	(x) 79 124 (x) (x) 633	(x) 154 68 (x) (x) 340	62.9 63.2 (x) (x) 64.8
Mid. Atl.: NY	4,968 2,194 3,604	3,232 1,118 1,413	1,697 1,048 2,136	65.1 50.9 59.3	3,096 (x)	(x) 1,987 (x)	1,080 (x)	(x) 64.2 (x)	4,179 (x) 3,378	1,723 (x) 1,448	2,378 (x) 1,907	56.9 (x) 56.4
E. No. Cent.: OHINIVIVIVIV	3,395 1,817 (x) 2,994 1,545	1,924 828 (X) 1,729 983	1,397 978 (x) 1,223 527	56.7 53.8 (x) 57.7 63.6	(x) (x) 4,787 3,701 (x)	(x) (x) 2,397 1,916 (x)	(x) (x) 2,306 1,745 (x)	(x) (x) 50.1 51.8 (x)	3,121 1,546 3,123 (X) 1,483	1,949 595 2,034 (x) 703	1,172 936 1,054 (x) 755	62.5 60.6 65.1 (X) 50.9
W. No. Cent.: MN IA	1,805 (x) 1,544 262 (x) 546 (x)	840 (x) 759 165 (x) 363 (x)	949 (x) 785 89 (x) 156 (x)	52.6 (x) 50.8 62.8 (x) 66.6 (x)	2,066 1,293 (x) (x) 316 640 997	853 717 (x) (x) 81 332 212	1,200 564 (x) (x) 235 307 757	58.1 55.5 (x) (x) 74.5 51.9 76.0	(x) 892 1,477 289 296 (x) 824	(x) 299 700 144 153 (x) 247	(x) 589 778 142 143 (x) 577	(x) 66.0 52.6 49.8 51.6 (x) 70.0
So. Atl.:  DE MD VA WV NC SC GA	191 1,115 1,416 565 (x) (x) (x) 2,653	84 707 691 387 (x) (x) (x) 1,638	105 407 725 174 (x) (x) (x) 1,015	55.2 63.5 51.2 68.5 (X) (X) (X) (X) 61.7	246 (x) 2,007 722 2,239 965 1,681 (x)	148 (x) 601 374 1,070 307 1,344 (x)	98 (x) 1,406 345 1,157 645 337 (x)	60.1 (x) 70.0 51.8 51.7 66.8 79.9 (x)	(x) 1,113 (x) (x) 1,591 738 1,225 3,430	(x) 675 (x) (x) 824 466 624 1,878	(x) 437 (x) (x) 768 263 601 1,552	(x) 60.7 (x) (x) 51.8 63.1 50.9 54.7
E. So. Cent.: KY TN AL MS	1,260 (x) (x) 645	(x) 780 (x) 414	(x) 480 (x) 231	(x) 61.9 (x) 64.2	1,292 1,648 1,371 952	640 1,001 861 372	645 557 499 580	49.9 60.7 62.8 60.9	677 (x) 1,212 (x)	504 (x) 609 (x)	173 (x) 603 (x)	74.4 (X) 50.3 (X)
W. So. Cent.: ARLAOKTX	(x) (x) (x) (x) 3,103	(x) (x) (x) 1,818	(x) (x) (x) 1,257	(x) (x) (x) 58.6	876 (°) 1,198 5,319	502 (²) 906 2,203	374 (²) 281 3,116	57.3 (°) 75.6 58.6	695 1,370 894 (x)	433 724 400 (x)	262 646 493 (x)	62.3 52.8 55.2 (x)
MT. MT. D. WY. CO. NM. AZ. UT. NV.	321 (x) 167 (x) 405 724 531 240	175 (x) 72 (x) 218 412 219 115	134 (x) 95 (x) 187 292 309 120	54.5 (x) 56.7 (x) 53.8 56.9 58.3 50.1	379 406 187 1,298 503 (x) (x) (x)	216 106 41 449 141 (x) (x)	154 293 146 834 361 (X) (X)	56.9 72.2 78.3 64.2 71.9 (x) (x)	(x) 382 (x) 1,061 (x) 863 435 262	(x) 185 (x) 529 (x) 341 116 131	(x) 197 (x) 513 (x) 522 315 117	(x) 51.6 (x) 49.9 (x) 60.5 72.3 50.0
Pac: WA OR CA AK HI	1,368 (x) 7,806 (x) 306	944 (x) 3,495 (x) 245	332 (x) 4,023 (x) 52	69.0 (x) 51.5 (x) 80.1	3 1,213 1,215 (x) 206 (x)	<sup>3</sup> 541 406 (x) 59 (x)	<sup>3</sup> 672 808 (x) 147 (x)	<sup>9</sup> 55.4 66.5 (x) 71.2 (x)	1,337 1,043 7,399 181 329	677 376 3,647 80 242	651 656 3,542 98 87	50.7 63.0 49.3 54.0 73.6

X Not applicable. I Includes vote cast for minor parties.

\*\*Louisians holds an open-primary election with candidates from all parties running on the same ballot. Any candidate who receives a majority is elected; if no candidate receives 50 percent, there is a run-off election in November between the top two finishers.

\*\*1963 election to fill vacancy caused by death of Senstor

Source: Elections Research Center, Washington, DC, America Votes, blenniel. (Copyright.)

### No. 401. VOTE CAST FOR UNITED STATES REPRESENTATIVES, BY MAJOR POLITICAL PARTIES-STATES: 982 TO 1986

[In thousands, except percent. In each State, totals represent the sum of votes cast in each Congressional District or votes cast for Representative at Large in States where only one member is elected. In all years there are numerous districts within the State where either the Republican or Democratic party had no candidate. In some States the Republican and Democratic vote includes votes cast for the party candidate by endorsing parties. See also Historical Statistics, Colonial Times to 1970, series Y 211–214]

	1	19	82			19	84			19	86	
REGION, DIVISION, AND STATE	Total 1	Demo- cratic	Re- pub- lican	Percent for lead- ing party	Total 1	Demo- cratic	Re- pub- lican	Percent for lead- ing party	Total I	Demo- cratic	Re- pub- lican	Percent for lead- ing party
U.S. <sup>3</sup>	64,514	35,696	27,799	D-55.3	83,231	43,539	38,956	D-52.3	59,619	32,540	26,532	D-54.6
Region:	1.00	13.5	100	5 15.	200	The Carlo	1209	5.55	5.0072	100	200	15.55
Northeast	14,636	8,124	6,240	D-55.5	19,179	10,116	8,916	D-52.8	12,405	6,820	5,363	D-55.0
Midwest	19,088	10,369	8,550	D-54.3	24,171	12,230	11,813	D-50,6	16,981	8,954	7,968	D-52.7 D-59.7
South 2	16,826	10,225	6,377	D-60,8	22,904 16,978	13,226 7,964	9,526 8,703	D-57.7 R-51.3	16,451 13,786	9,819 6,949	6,519	D-50.4
N. Eng	4,180	2,390	1,733	D-60.8 D-50.0 D-57.2	5,309	2,822	2,435	D-53.2	3,641	2,122	1,433	D-58.1
ME	452	187	261	R-57.7	542	162	375	R-69.2	422	165	249	R-59.1
NH	269	114	154	R-57.3	373	119	251	R-67.2	241	84	156	R-64.9
VT	165	38	114	R-69.2	226	60	148	R-65.4	189	-	168	R-89.1
MA	1,890	1,300	561	D-68.8 D-52.2	2,346	1,618	704	D-69.0	1,503	1,198	250	D-79.7
RI	333	174	158	D-52.2 D-53.9	390	a 195	3 195	R-50.0	306	130	176	R-57.6
Mid. Atl	1,071	577 5,734	485	D-53.9	1,432	668 7,294	762 6.481	R-53.2 D-52.6	980 8,764	545 4.698	3,930	D-55.6
NY 4	4,681	2,617	1,940	D-55.9	6,218	3,255	2,898	D-52.4	3,904	2,132	1,665	D-54.6
NJ.	2,146	1,206	915	D-56.2	2,992	1,508	1,471	D-50.4	1,554	803	739	D-51.7
PA	3 629	1,911	1,652	D-52.7	4,660	2,531	2,112	D-54.3	3,306	1,763	1,526	D-53.3
E. No. Cent	12,994	7,221	5,635	D-55.6	16,618	8,417	8,110	D-50.7	11,350	5,969	5,331	D-52.6
OH	3,326	1,807	1,457	D-54.3	4,332	2,134	2,159	R-49.8	3,067	1,512	1,536	R-50.1
IN	1,796	882	910	R-50.7	2,180	1,022	1,147	R-52.6	1,556	788	756	D-50.7
1	3,613	2,093	1,508	D-57.9	4,579	2,367	2,204	D-51.7	3,017	1,623	1,393	D-53.8
WI	2,808 1,451	1,670	1,093	D-59.4 D-53.0 D-51.7	3,452 2,075	1,861 5 1,033	1,567	D-53.9 D-49.8 D-50.5	2,327 1,383	1,342	977 669	D-57.7
W. No. Cent	6,094	3,148	2,915	D-51.7	7,553	3,813	3,703	D-50.5	5,631	2,985	2,637	D-50.9
MN	1,750	956	778	D-54.6	1,975	1,061	902	D-53.7	1,393	832	558	D-59.7
IA	1,005	529	475	D-52.6	1,269	595	673	R-53.1	890	428	461	R-51.8
MO	1,528	872	653	D-57.0	2,040	1,130	903	D-55.4	1,430	828	600	D-57.9
ND	260	187	72	D-71.6	309	243	66	D-78.7	286	216	67	D-75.5
SD	276	142	134	D-51.6	316	181	135	D-57.4	290	171	118	D-59.2
NE	519	116	402	R-77.5	650	168	482	R-74.2	555	197	358	R-64.5
So. Att.1	756 8,367	346 4,950	3,345	R-53.0 D-59.2	994	6,414	5,003	R-54.5 D-55.8	787 8.284	4,991	475 3,249	D-60.
DE	188	99	87	D-52.4	243	142	101	D-58.5	161	106	54	D-66.2
MD	1,091	743	349	D-68.1	1,495	955	536	D-63.9	1,063	669	394	D-62.9
DC	113	93	17	D-83.0	162	155	-	D-95.6	127	102	18	D-80.1
VA	1,335	630	690	R-51.7	1,838	795	1,003	R-54.6	1,043	545	467	D-52.2
	546	343	202	D-62.8	704	429	275	D-60.9	396	299	97	D-75.5 D-56.6
NC	1,321	708	580	D-53.6	2,158	1,131	1,026	D-52.4	1,573	890	682	D-56.6
GA	657 904	353 670	295 225	D-53.6 D-53.7 D-74.1	928	471	441	D-52.4 D-50.7 D-71.7 D-51.1	1,062	453 773	261 289	D-63.2 D-72.6
	2,212	1,311	900	D-59.3	1,521	1,091	1,191	D-/1./	2,142	1,154	987	D-53.9
E. So. Cent	3,478	2,156	1,283	D-62.0	4,522	2,728	1,753	D-60.3	3,375	2,006	1,346	D-59.4
KY	700	413	280	D-59.0	1,188	657	529	D 55.3	630	375	253	D-59.5
TN	1,176	698	470	D-59.4	1,316	726	589	D-55.2	1,105	636	449	D-57.6
AL	961	677	273	D-70.4	1,149	822	308	D-71.5	1,116	679	436	D-60.8
MS	641	368	260	D-57.5	869	523	327	D-60.2	524	316	208	D-60.3
W. So. Cent	4,981	3,119	1,749	D-62.6 D-52.4	6,896	4,084	2,770	D-59.2	4,792	2,822	1,924	D-58.9
1 4 9	759 517	336	142	D-65.0	463 642	341 402	239	D-73.7 D-62.7	666 391	387 288	102	D-58.1 D-73.8
OK 6 10	856	539	310	D-63.0	1,111	646	458	D-58.1	725	430	291	D-59.4
OK 6 16	2,849	1,847	935	D-64.8	4,680	2,695	1,982	D-57.6	3,010	1,717	1,263	D-57.0
Mt	3,573	1,573	1,925	R-53.9	4,527	1,672	2,776	R-61.3	3,748	1,591	2,142	R-57.2
MT	317	166	142	D-52.4	371	187	179	D-50.5 R-59.3	318	172	146	D-54.1
ID.	321	151	170	R-53.0	405	165	240	R-59.3	376	163	208	R-55.4
WY	159 946	46	113	R-71.1	188	46	138	R-73.6	160	49	111	R-69.5
NM	395	448 203	485	R-51.2	1,248	436	780	R-62.5	1,018	450	566	R-55.6
AZ	711	300	192 395	D-51.4 B-55.5	500 943	201 320	294 603	R-58.9 R-63.9	804	179 260	207 540	R-67.2
ÚT	490	145	312	R-63.7	601	208	387	R-64.5	429	197	230	R-53.6
NV	234	114	116	R-49.5	271	109	155	R-57.3	257	121	134	R-52.0
Pac	10,388	5,402	4,706	D-52.0	12,451	6,292	5,927	D-50.5	10,038	5,358	4,538	D-53.4
WA	1,307	690	604	D-52.8	1,808	997	800	D-55.1	1,295	768	527	D-59.3
OR	1,015	578	437	D-56.9	1,203	655	548	D-54.4	1,032	585	446	D-56.7
CA	7,587	3,815	3,537	D-50.3	8,958	4,327	4,424	R-49.4	7,200	3,744	3,328	D-52.0
AK	181	52	128	R-70.8	206	86	114	R-55.0	180	74	102	R-56.
	298	267		D-89.6	276	227	41	D-82.5	331	187	135	D-56.

<sup>-</sup> Represents zero.

¹ Includes vote cast for minor parties.

¹ Includes vote cast for non-voting Delegate at Large in District of Columbia.

¹ Total vote for Republican candidates was 195,077; for Democratic candidates, 194,942.

¹ Includes votes cast by other endorsing parties for Democratic and Republican candidates.

¹ Total vote for Democratic candidates was 195,077; for Democratic candidates was 1,033,033; for Republican candidates, 1,032,948.

¹ In 1962 Districts 8, 10 and 17 were unopposed; in 1984 Districts 1, 2, 3, 5, 12, 13 and 17 were unopposed; in 1986 Districts 3.

¹ In 1962 Districts 8, 10 and 17 were unopposed.

¹ 1984, no data for District 3.

¹ 1982 and 1984 data are for September open primary because there were no general election runoffs. 1986 data are for general election runoffs in two districts. 1986 open primary totals—total, 755,680; Democratic, 599,291; Republican, 148,007.

¹ In 1986 District 6 was unopposed.

Source: Elections Research Center, Washington, DC. America Votes, biennial (copyright).

# No. 402. VOTE CAST FOR UNITED STATES REPRESENTATIVES BY MAJOR POLITICAL PARTY— CONGRESSIONAL DISTRICTS: 986

[In some States the Democratic and Republican vote includes votes cast for the party candidate by endorsing parties]

Transcription	Total	CANDIDA	TE	REPUBLIC CANDIDA		500	Total	DEMOCRA		CANDIDA	
STATE AND DISTRICT	vote cast (1,000)	Name	Per- cent of total	Name	Per- cent of total	STATE AND DISTRICT	vote cast (1,000)	Name	Per- cent of total	Name	Per cer of tota
AL	1,116	(x)	(x)	(x)	(x)	co	1,018	(x)	(x)	(x)	31.
1st	97	(1)	(x)	Callahan	(x) 99.9	1st	155	Schroeder	68.4	Wood	31.
2d	173	Stone	33.3	Dickinson	66.7	2d	177	Skaggs Campbell	51.5	Norton	48
3d	143	Nichols	80,6	Guerin	19.4	3d	184	Campbell	51.9	Strang	48.
4th	171	Bevill	77.5	Deshazo	22.5	4th	168	Sprague	30.2	Brown	69
5th	159	Flippo	78.9	McCarley	21.1	5th	174	Story	30.2	Hefley	69.
6th	192	Erdreich	72.7	Williams	27.0	CT	980	(X)		Schaefer	
7th	181	Harris	59.8	McFarland	40.2	1st	174	Kennelly	74.2	Klein	25
17	180	Begich	41.1	Young	56.5	2d	162	Gejden-	14.2	Percent manage	20
1st	179	Braun	(X) 28.7	Rhodes	71.3	1. 1.25	1 1 1 1 1 1	son	67.4	Mullen	32
2d	105	Udall	73.3	Clark	23.3	3d	164	Morrison	67.4 69.6	Diette	30
3d	146	(1)	(1)	Stump	100.0	4th	144	Nieder-	(F)		-00
4th	189	Davis	35.4	Kyl	64.6	1.00	14115	meier	46.5	McKinney	53
5th	184	Ireland	35.1	Kolbe	64.9	5th	162	Cohen	39.1	Rowland	60
AR.	666	(x)				6th	173	Amenta	35.8	Johnson	64
1st	165	Alexander	(X) 64.2	Albin	35.8	DE	161	Carper	66.2	Neuberger	33
2d	170	Robinson	75.7	Hamaker	24.2	DC	127	Fauntroy	80.1	King	13
3d	182	Sargent	20.2	Hammer-	230		2,142	Hutto	(x) 63.8	(x) Neubeck	36
31.201	No. of Street		1366	schmidt	79.8	1st 2d	153	Grant	99.4	(2)	
4th	149	Anthony	77.4	Keels	15.4	3d	(2)	Bennett		1	29
CA	7,200	(x)	(X) 67.5	(x)	(x) 26.6	4th	(2)	Chappell	(XX)	7.5	1 7
1st	205	Bosco	67.5	Sampson	26.6	5th	(2)	(1)	(1)	McCollum	1 6
2d	188	Swendi-	13.50	Transfer Control	15.5	6th	205	MacKay	70.2	Gallagher	29
20	12.0	man	39.6	Herger	58.3	7th	(²) (²) 235	Gibbons	(x)	(1)	
3d	209	Matsul	75.9	Landowski	24.1	8th	(°)	(1) Cazares		Young	70
4th	183	Fazio	70.2	Hite	29.8	9th	235	Cazares	29.2	Bilirakis	70
5th	163 194	Burton	75.2 73.9	Garza Ernst	22.1	10th	172	Higginbot-		V 15 15	20
7th	187	Miller	66.6	Thakar	26.1	444		tom	28.8	Ireland	71
8th	203	Dellums	60.0	Figenberg	37.9	11th	205	Nelson	72.7	Ellis	99
9th	163	Stark	69.7	Eigenberg Williams	30.3	13th	151	Gilbert	25.0	Lewis	75
10th	120	Edwards	70.5	LaCrone	26.6	14th	233	Mica	73.8	Martin	26
11th	152	Lantos	74.1	Quraishi	25.9	15th	(*)	(1)	(1)	Shaw	0
12th	187	Weil	37.2	Konnyu	59.5	16th	174	(1) Smith	69.7	Collins	30
13th	154	Mineta	69.7	Nash	30,3	17th	109	Lehman	73.5	(1)	(
14th	205	Steele	26.1	Shumway	71.6	18th	109	Pepper	73.5	Blodie	26
15th	132	Coelho	71.0	Harner	27.2	19th	144	Fascell	69.1	Flanagan	30
16th	163	Panetta	78.4	Darrigo	19.2	GA	1,062	(X)	(x)	(x)	1
17th	147	Hartnett	39.8	Pashayan	60.2	1st	69	Thomas	100.0	13	1
19th	142	Lehman	71.3	Crevelt	28.7	2d	72 76	Hatcher	100.0	8	1
(99)	171	NOTHS	20.0	Lagomar- sino	71.9	4th	162	Ray Jones	46.8	Swindall	53
20th	179	Moquin	27.4	Thomas	72.6	5th	124	Lewis	75.3	Scott	24
21st	193	Saldana	28.2		68.4	6th	127	Bray	40.5	Gingrich	59
220	191	Simmons	23.0	Gallegly Moorhead	73.8	7th	134	Darden	66.4	Morecraft	33
23d	185	Beilenson	65.7	Woolver-	15.0	8th	95	Rowland	86.4	McDowell	13
120			100	ton	31.8	9th	84	Jenkins	100.0	(1)	32
24th	118	Waxman	87.9	(1)	21.3	10th	118	Barnard	67.3	Hill	
25th	82	Roybal	76.1	Hardy	21.3	H	331	(x)	(x)	(x)	(
26th	151	Berman	65.1	Kerns	34.9	1st	168			n. 11	-
27th	173	Levine	63.7	Scribner	34.3	24		man	37.5	Saiki	59
28th	121	Dixon	76.3	Adams	21.3	2d	163	Akaka	76.1	Hastace	21
2901	92	Hawkins	84.5	Van de Brooke	14.5	151	186	Currie	32.3	Craig	65
30th	95	Martinez	62.5	Almquist	35.5	2d	190	Stallings	54.4	Richard-	00
31st	110	Dymally	70.2	McMurray	27.6	evanances	190	Stamings	54.4	son	45
32d	133	Anderson	68.5	Robertson	29.4	IL.	3,017	(x)	(x)	(x)	
33d	165	Hempel	26.8	Dreier	71.7	1st	127	Hayes	96.4	Faulkner	3
34th	110	Torres	60.3	House	39.7	2d	118	Savage	83.8	Taylor	16
35th	166	Hall	23.1	Lowie	76.9	3d	156	Russo	66.2	Tierney	33
36th	137	Brown	57.1	Henley	42.9	4th	119	Collins	48.4	Davis	51
37th	192	Skinner	36.3	McCand-	120	5th	117	Lipinski	70.4	Sobieski	29
440	17.75		1	less	63.7	6th	130	Renshaw	24.6	Hyde	75
38th	119	Robinson	42.4	Dornan	55.3	7th	113	Collins	80.2	Kallas	18
39th	177	Vest	24.0	Danne-	7/-	8th	105	Rosten-	-	DeFacts	-
40th	201	Cummar	27.7	meyer	74.5	Ort.	100	kowski	78.7	DeFazio	21
40th	197	Sumner Kripke	37.7	Badham	59.8 67.8	9th	129	Yates Cleland	71.6	Porter	28 75
42d	193	Blackburn	24.7	Lowery	72.8	11th	151	Annunzio	70.7	Gottlieb	29
43d	188	Chirra	24.0	Packard	73.1	12th	115	Leonardi	22.3	Crane	77
44th	110	Bates	64.2	Mitchell	33.1	13th	146	Jeffrey	26.6	Fawell	73
	155	Ryan	21.2	Hunter	76.9	100111111111	140	Danced Immed	200	-	

See footnotes at and of table.

# No. 402. VOTE CAST FOR UNITED STATES REPRESENTATIVES BY MAJOR POLITICAL PARTY— CONGRESSIONAL DISTRICTS: 1986—Continued

[See headnote, p. 237]

	Total	DEMOCRA		REPUBLIC CANDIDA			Total	DEMOCRA		CANDIDA	
STATE AND DISTRICT	vote cast (1,000)	Name	Per- cent of total	Name	Per- cent of total	STATE AND DISTRICT	vote cast (1,000)	Name	Per- cent of total	Name	Per cer of total
IL—Con.	10.34	VIII T	10		od	MA-Con.	100	0.95	1.3		1
14th	148	Kearns	47.6	Hastert	52.4	4th	151	Frank	88.8	(1),	1
15th	115	(1)	(1)	Madigan	100.0	5th	114	Atkins	99.9	(1)	1 3
16th	139	Bohnsack	33.1	Martin	66.9	6th	131	Mavroules	99.9	(2)	1
17th	154	Evans		Mchard	44.4	7th	145	Markey Kennedy	100.0 72.0	(1) (1) (1)	27
18th	151	Dawson	37.4	Michel	62.6	8th	131	Moakley	63.8	Abt	
19th	167	Bruce	66.4	Salvi	33.6	10th	187	Studds	65.1	Barros	26
20th	186	Durbin	. 68.1	McCarthy	31.9	11th	115	Donnelly	100.0	(1)	1 7
21st	131	Price	50.4	Gaffner	49.6	11th	2,327	(x)		(x)	9
22d	183	Gray	53.2	Patchett	46.8	1st	106	Convers	(x) 89.2	Ashe	9
N	1,556	(x)	(x)	(x)	(x)	2d	135	Baker	41.0	Pursell	59
1st	118	Visclosky	73.4	Costas	25.7	3d	130	Wolpe	60,4	McGregor	39
2d	166	Sharp	61.9	Lynch	37.4	4th	114	Roche	36.6	Upton	61
3d	153	Ward	49.8	Hiler 3	49.8	5th		Decker	28.8	Henry	71
4th	144	Scher	30.0	Coats	69.6	6th	132	Carr	56.7	Dunn	43
5th	157	Jontz	51.4	Butcher		7th	127	Traxler	79.6 72.6	Callihan	27
6th	173	McKenna	30.9	Burton	68.4	8th		Anderson		Vander	1 21
7th	157	Smith	31.6	Myers	66.8			Anderson	33.0	Jagt	64
8th	201	McClos-	53.0	McIntyre	46.5	10th	153	Albosta	48.8	Schuette	51
Oth	168	key Hamilton	71.9	Kilrov		11th	145	Anderson		Davis	63
9th		Jacobs	57.7	Kilroy Eynon	41.2	11th 12th	132	Bonior	66.4	Miller	33
10th	890	/v)	IV	(x)	1 00	13th	90	Crockett		Griffin	13
1st	131	(x) Whitaker	33.6	Leach	(x) 66.4	14th	127	Hertel	72.9	Grot	26
2d		Tabor	38.7	Tauke	61.3	15th	104	Ford	75.2	Grot Kaspel	24
3d		Nagle	546	McIntee		16th	131	Dingell	77.8	Grzywacki Williams	22
4th	157	Smith	68.3	Lockard	31.6	17th	137	Levin	76.4	Williams	22
5th	144	Hughes	40.8	Lightfoot	59.2	18th	149	Kohut	26.2	Broom-	20
6th	161	Hodgson	49.0	Grandy	50.9	MN		44	1	field	73
(S	787	(x)	(x)	(x)	76.5		1,393	Penny	72.4	Grawe	27
16t		Lyon	(x) 23.5	Roberts	76.5	1st	194	Johnson	48.4	Weber	51
2d		Slattery	70.6	Kline	29.4	2d	182	Stock	29.9	Frenzel	70
3d	109	(1)	(1)	Myers		4th	155	Vento	72.9	Stassen	27
4th	172	Glickman	64.5	Knight	35.5	5th	145	Sabo	72.7	Serra	25
5th	164	Myers	28.9	Whittaker	71.1	6th		Sikorski	65.8	Sykora Stange-	34
KY		(x)	100.0	(1)	(X)	7th	189	Peterson	49.6	Stange-	100
1st	64	Hubbard	. 100.0	(1)	(1)	3.0	1 2 3	Continued to	1	land	49
2d	58	Natcher	100.0	(1)	(1)	8th	187	Oberstar	72.6	Rued	27
3d	112	Mazzoli	73.0	Holmes	26.1	MS	524	(x) Whitten	(X) 66.4	Cobb	33
4th	123	Mann	43.9	Bunning	55.1	1st.	90	Whitten		Cobb	
5th	57	(1)	25.7	Rogers	100.0	2d	141	Espy	51.7	Franklin	48
6th		Hammond.	25.7	Hopkins	74.3	3d	81	Montgom-	100.0	7115	
7th	114	Perkins	79.6	Polley	20.4	416	120	Dowdy	71.5	Healy	28
1st	391	(x)	(x)	(x)	(x)	4th	91	Albritton	17.7	Lott	82
(SL	(x)	(X)	(x)	Living- ston 5	141	5th	1,430	(x)	00	(x)	
2d	(x)	Boggs 5	(x)	(x)	SSSSSS	1st	138	Clay	(X) 66.1	(x) Wittmann	33
3d	(%)	Tauzin 5	1 (2)	(x)	1 2	2d	195	Young	48.1	Buechner	51
4th	(x) (x) (x)	Roemer 5	(x) (x)	(x)	1 2	3d	169	Gephardt	69.0	Amelung	31
5th	12	Huckaby 6.	(x)	(x)	1 (2)	4th	129	Skelton	100.0	(¹) Fisher	27
6th	(x)	(x)	1 (2)	Baker 5	1 2	5th	143	Wheat	70.9	Fisher	27
7th	(x) 191	(0)	(x)	(x)	(x)	6th	169	Hughes	43.3	Coleman	56
8th	199	Williams	48.6	Holloway	51.4	7th	171	Young	33.0	Taylor	6/
ME	422	(x)	(x)	(x)	(x)	8th	151	Cryts	47.5	Emerson	52
1st	229	Brennan	53.2	Ives	43.7	9th		Volkmer		Uthlaut	42
2d	192	Charette	22.7	Snowe	77.3	1st	318 160	(x) Williams	61.7	Allen	38
MD	1,063	(x)	(x)	(x) Williams	(x) 33.2	2d	158	O'Brien	46.5	Marlenee	53
1st	132	Dyson	66.8	Williams	33.2	NE	555	(x)	(x)	(x)	
2d	165	Townsend.	41.3	Bentley	58.7	1st.		Burns	35.5	(x) Bereuter	64
3d	127	Cardin	79.1	Pierpont	20.9	2d	170	Calinger	41.3	Daub	58
4th	130	McMillen	50.2	Neall		3d	196	Sidwell	30.2	Smith	69
5th	100	Hoyer	81.9	Sellner	18.1	NV	257	(x) Bilbray	(x) 54.1	(x) Ryan	44
6th	143	Byron	72.2	Vanden-	-	1st	114	Bilbray		Ryan	44
201				berge	27.8	2d	143	Sterrazza	41.6	Vucano-	1
7th	91	Mfume	86.7	Crosse	13.3	1000		44	4.1	vich	58
Bth	176	Bainum	47.1	Morella	52.9	NH	241	Demers	43.6	(x)	56
MA	1,503	(x)	(X)	(x)	77.8	1st	126	Cenie	43.6	Smith	56
1st 2d	146	Weiner Boland	65.9	Conte	34.1	2d	115	Green	25.8	Gregg	74

See footnotes at end of table.

### No. 402. VOTE CAST FOR UNITED STATES REPRESENTATIVES BY MAJOR POLITICAL PARTY— CONGRESSIONAL DISTRICTS: 1988—Continued

[See headnote, p. 237]

7	Total	DEMOCRA CANDIDA		REPUBLIC			Total	DEMOCRA		REPUBLIC	
STATE AND DISTRICT	vote cast (1,000)	Name	Per- cent of total	Name	Per- cent of total	STATE AND DISTRICT	vote cast (1,000)	Name	Per- cent of total	Name	Per cen of tota
N.	1,554	(x)	(x)	(x)	(x)	ND	286	Dorgan	75.5	Vinje	23.
1st	124	Florio	75.6	Busch	(X) 23.6	OH	3,067	(x) Luken	61.7	Morr	38
20	123	Hughes	68.3	Benning-	100	1st	147	Luken	61.7	Morr	38
		100	***	ton	28.6	2d	149	Stineman	29.3	Gradison Crutcher	70.
3d	126 129	Howard	58.7	Kennedy	41.3	4th	133	Crafty	73.7	Oxley	75.
4th	129	Jolley	38.3	Smith	74.6	5th	157	Murray	35.0	Latta	65.
6th	98	Dwyer	69.0	Scala-	74.0	6th	151	Roberts	27.9	McEwen	70
001	- 00	Dwyor	00.0	monti	28.9	7th	119	(1)	(1)	DeWine	100
7th	117	Fischer	21.0	Rinaldo	79.0	8th	145	Griffin	31.9	Lukens	68.
8th	92	Roe	62.8	Zampino	37.2	9th	136 152	Kaptur	77.5	Shufeldt	22.
9th	130	Torricelli	69.0	Jones	31.0	10th	152	Buchanan	29.6	Miller	70.
10th	49	Rodino	95.9	(1)	(1)	11th	145	Eckart	72.5	Mueller	24.
11th	110	Askin	32.0	Gallo	68.0	12th	161	Jochim Pease	62.8	Kasich Nielsen	73.
12th	115	Crabiel	36.5	Courter	63.5	14th	155	Sawyer	53.7	Slaby	46
13th	127	Wydra	34.6	Saxton	65.4	15th	153	Jackson	36.3	Wylie	63
14th	89	Guarini	70.7	Sires	26.7	16th	155	Kennick	23.7	Regula	76
NM.	386	(x)	(x)	(x)	70.9	17th	156	Traficant	72.3	Regula	27
1st 2d	128	Garcia	29.1 37.1	Lujan Skeen	70.9	18th	127	Applegate . Feighan	100.0	(1)	(
3d	134		37.1	Skeen	62.9	19th	179	Feighan	54.8	Sunadol-	11.5
30	134	Richard- son	71.3	Cargo	28.7	1			1000	nik	45.
NV	3,904	(v)	(x)	(x)	(x)	20th	131	Oakar	84.9	Smith	15.
1st	131	(x) Hoch-	101	(4)	(^)	21st	122	Stokes	81.6	Roski	18.
* Marian Marian	101	brueck-	100	The		OK	725 144	Allison	42.8	(x)	54 26
		ner	51.2	Blass	42.3	2d	156	Super	73.3	Rice	26
2d	109	Downey	64.3	Butzke	32.4	3d	146	Synar Watkins	78.1	Miller	21
3d	149	Mrazek	56.4	Guarino	40.6	4th	125	McCurdy	76.2	Hum-	
4th	142	Sullivan	30.6	Lent	64.8	791 (1000000000	160		1	phrevs	23.
5th	143	Sullivan	34.7	McGrath	65.3	5th	154	Compton	29.4	phreys Edwards	70
6th	86	Flake	67.7	Dietl	32.3	6th	1,032	English	(X)	(1)	(
7th	81	Ackerman	77.4	Rodriguez	22.6	OR		(X)	(x)	(x)	38
9th	78	Scheuer	90.2	(1) Calise	24.7	1st	229	AuCoin	61.7	Meeker	38.
10th	73 82	Manton Schumer	69.4 93.3	Calise	24.7	2d	189	Tuttle	39.8	Smith	60
11th	47	Towns	89.4	(¹) Hendricks	(1) 8.7	3d	210	Wyden Defazio	85.9	Phelan	14.
12th	46	Owens	91.5	Augustine	6.0	5th	196 208	Ross	54.1 39.5	Long	60
13th	74	Solarz	82.4	Nadrowski	14.8	PA	3,306	(x)	00	(x)	00
14th	94	Walla	29.7	Molinari	68.8	1st	118	Foglietta	74.7	(x) Mucciolo	25
15th	100	Hirsch	42.0	Green	58.0	2d	130	Grav	98.4	(¹) Rovner	38
16th	64	Rangel	96.4	(')	(1)	3d	174	Borski	61.8	Rovner	38
17th	111	Weiss	85.5	Chorba	14.0	4th	143	Kolter	60.4	Lindsay	38
18th	46	Garcia	93.5	Chase	5.3	5th	133	Ringgold	34.3	Schulze	65
19th	97	Biaggi	90.2	(1)	(')	6th	142	Yatron	69.1	Bertasa-	25
20th	149	Abzug	44.6	DioGuardi	53.9	***	144			vage	30
21st	133	Grun- berger	21.2	Fish	76.5	7th	180	Spingler	38.7	Weldon Christian,	61
22d	136	Bur-	21.2	FISH	76.5	9th	156	Kostmayer	55.0	Shuster	100
EEU	130	lingham	27.2	Gilman	69.5	10th	159	(1) Bolus	25.3	McDade	74
23d	146	Stratton	96.4	(¹)	(1)	11th	159	Kanjorski	70.6	Holtzman	29
24th	167	Bloch	29.6	Solomon	70.4	12th	144	Murtha	67.4	Holtzman	32
25th	151	Conway	22.4	Boehlert	69.0	13th	172	Hoeffel	41.5	Goughlin	58
26th	95	(1)	49.1	Martin	100.0	14th	117	Coyne	89.6	(¹) Ritter	1
27th	168			Wortley	49.7	15th	132	Simonetta	43.2	Ritter	56
28th	152	McHugh	68.3	Masterson	31.7	16th	135	Hagelgans. Ogden	25.4	Walker	74
29th	141	Vogel	24.2	Horton	70.7	17th	137	Ogden	26.4	Gekas	73
30th	170	Slaughter	51.0	Eckert	49.0	18th	165	Walgren	63.0	Buckman	37
31st	161	Keane	42.0	Kemp	57.5	19th	137	Thornton	27.1	Goodling	72
32d	110 128	Lafaice	91.0 85.1	Walker	14.9	20th 21st	139	Gaydos Blackwell	98.5	(1) Ridge	80
34th	143	Himelein	39.9	Houghton	60.1	21st	132	Murphy	100.0	(1)	80
NC	1,573	(x)	(x)	(X)	(x)	23d	143	Wachob	44.5	(¹) Clinger	55
1st	131	Jones	(x) 69.5	Moye	(X) 30.5	RI	306	(X)	(x)	(x)	35
2d	128	Valentine	74.6	McEl-		1st	147	St	100	And measurement	1 '
	1	100	1,0	haney	25.4		170	Germain	57.7	Holmes	42
3d	111	Lancaster	64.5	Hurst	35.5	20	158	Ferry	28.2	Schneider	71
4th	166	Price	55.7	Cobey	44.3	SC	717	(x)	(x)	(x)	52
5th	160	Neal	54.1	Epperson	45.9	1st	115	Stuckey	48.0	Ravenel	52
6th	145	Britt	50.0	Coble 7	50.0	2d	137	Zeigler	46.4	Spence	53
7th	110	Rose	64.2	Harrelson	35.8	3d	116	Derrick	68.4	Dickison	31
8th	140	Hefner	57.9	Hamby McMillan	42.1	4th	130	Patterson	51.4	Workman	47
9th	157	Martin	48.7	McMillan	51.3						(
1001	181	Roark	42.5 50.7	Ballenger Hendon	57.5			1	1		1

See footnotes at end of table.

### No. 402. VOTE CAST FOR UNITED STATES REPRESENTATIVES BY MAJOR POLITICAL PARTY— CONGRESSIONAL DISTRICTS: 1986—Continued

[See headnote, p. 237]

	Total	DEMOCRA		CANDIDA		13.5	Total	DEMOCRA CANDIDA		CANDIDA	
STATE AND DISTRICT  CC—CON.  5th 6th 6th 6th 6th 6th 6th 6th 6th 6th 6	vote cast (1,000)	Name	Per- cent of total	Name	Per- cent of total	STATE AND DISTRICT	vote cast (1,000)	Name	Per- cent of total	Name	Per- cent of total
SC-Con				T - 1		UT	429	(x)	(x)	(x)	(x
	96	Spratt	99.7	(1)	(1)	1st	159	McKay	48.4	Hansen	51.6
6th	122	Tallon	75.5	Cun-		2d	139	Owens	55.2	Shimizu	43.7
				ningham .	24.5	3d	130	Gardiner	32.7	Nielson	66.6
SD	290	Johnson	59.2	Bell	40.8	VT	189	(1)	(1)	Jeffords	89.1
TN	1,105	(x)		(x)	(x)	VA		Scott	(x)	(x)	56.0
1st	117	Russell	31.1	Quillen	68.9	1st	144	Scott	44.0	Bateman	
2d	126	Bowen		Duncan	76.2	2d	110	Pickett	49.5	Canada	41.9
3d	139	Lloyd		Golden	46.1	3d		Powell	29.6	Bliley	67.0
	87	Cooper	100.0	(1)	(1)	4th		Sisisky	99,8	(1)	5
5th	147	Boner	57.9	Holcomb	39.9	5th	90	Daniel	81.5	(1)	(1
	133	Gordon		Vail	23.2	6th		Olin	69.9	Traywick	30.1
	130	Hiler		Sundquist	72.3	7th	60	(1)	(1)	Slaughter	98.3
		Jones		Campbell	19.6	8th	118	Boren	38.2	Parris	61.8
Oth	100	Ford	83.4	(¹)	(1)	9th	. 60	Boucher	99.0	(1)	(1
TY	3,010	(x)		00	24	10th		Milliken	39.8	Wolf	60.2
	84	Chapman	100.0	(1)	(x)	WA		(x)	(x)	(x) Miller	51.
	138	Wilson	56.8	Gordon	40.5	1st		Lindquist	48.6	Miller	
24	152	(1)	(1)	Bartlett	94.1	2d		Swift	72.2	Talman	27.8
415	136	(1)		Blow	28.3	3d		Bonker	73.6	Illing	26.4
	98	Hall		Carter	40.7	4th		Goedecke	27.9	Morrison	72.1
	154	Bryant	44.2		55.8	5th		Foley	74.7	Wakefield	25.1
	148	Geren Kniffen	11.9	Barton	87.4	6th		Dicks	71.2	Braaten	28.8
Oth	97	Mann	31.6	Archer	68.4	7th	171	Lowry	72.6	Macdon-	
	119	Mann		Fields	38.5					ald	27.4
		Brooks	01,0	Duperier	27.7	8th	165	Giles	34.8	Chandler	65.2
	188	Pickle	72.3	Rylander		WV	396	(x)	(x)	(x)	(x
1101		Leath	100.0	(1)	31.3	1st		Mollohan	100.0		30
1211	123	Wright	68.7	McNeil		2d	110	Staggers	69.5	Golden	
13th	131	Seal	35.1	Boulter	64.9	3d		Wise	64.9	Sharp	35.
	142	Laughlin	47.7	Sweeney	52.3	4th		Rahali	71.3	Miller	28.7
15th	71	De La		711	711	WI		(x)	-(x)	Peterson	24.
400		Garza		(')	(1)	1st		Aspin	74.3	Peterson	24.
16th	77	Coleman		Gillia	34.3	2d	193	Kasten-	***	reserve	
1/th	98	Stenholm		(1)	(3)			meier	55.5	Haney	44.2
18th	70	Leland	90.2	(1)	(.)	3d	163	Mulder	35.9	Gunder-	
19th	111	McCath-	20.0	4		200		Massler		son	64.
2016		ern	38.0	Combest	62.0	4th	121	Kleczka	99.6	(1)	8
20th	55	Gonzalez	100.0	(1)	(1)	5th	111	Moody	99,0	Petri	-
21st	166	Snelson		Smith	60.6	6th	129	(1)	(')	Potn	96.
22d	107	Director	28.2	DeLay	71.8	7th	172	Obey	62.1	Hermen-	200
23d	75	Busta-				Sec.		Name .	44.	ing	36,
non-	400	mante	90.7	(1)	(')	8th		Willems	32.6	Roth	67.4
24th	103	Frost	67.2	Burk	32.8	9th	177	Popp	21.8	Sensen-	70
25th	67	Andrews	100.0	(1)	(1)	load.	1 34	-		brenner	78.
26th	149	Richard-	12.74	100000		WY	160	Gilmore	30.5	Cheney	69.
	1	son	31.9	Armey	68.1		1	100			
27th	64	Ortiz	100.0	(1)	(1)						1

X Not applicable. 

No candidate. 

State law does not require tabulation of votes for unopposed candidates. 

The winning Republican candidate received 75,979 votes; the Democratic candidate, 75,932. 

Louisiana holds an open-primary election with candidates from all parties running on the same ballot. Any candidate who receives a majority is elected; if no candidate receives 50 percent, there is a run-off election in November between the top two finishers. 

Candidate lated won seat in open-primary.

The winning Republican candidate received 72,328 votes; the Democratic candidate, 72,250.

Source: Elections Research Center, America Votes, bienniel.

## NO. 403. REPRESENTATIVES ELECTED, BY PERCENT OF VOTE CAST FOR WINNER AND MAJOR PARTY, 1970 TO 1986, AND BY STATE, 1986

[For composition of regions, see fig. I, inside front cover]

YEAR, REGION,	R	TOTA EPRESEN ELEC	TATIVE	s	DE	MOCRATS	ELECT	ED	REP	UBLICAN	S ELEC	TED	EL	PRESENT ECTED W MAJOR PA OPPOSIT	TH NO
DIVISION, AND		Percen	tage o	t vote		Percen	tage o	tvote		Percen	tage o	vote			
	Total	Under 55	55- 59.9	60 and over	Total	Under 55	55- 59.9	60 and over	Total	Under 55	55- 59.9	60 and over	Total	Demo- crats	Republicans
1970	435	59	84	312	255	28	20	201	180	24	20	111		58	
972	1 435	1 67	64	308	242	28	26 29	185	192	31 38	38	123	63	46	
974 976	435	105	60 69	261	291	48	34 32	209	144	57	31 35	52	54 60	46 59	11 10
976	435	76	62	297	292	52	32	208	143	24	30	89	52	46	1 6
978	435	74 78 76	61 63	300	277	46	36 35	195	158	28	30 25 28	105	70	46 51 39	1
980	435	78	63	294	243	35	35	173	192	43	28	121	54	39	1
982	435	76	73 56	286	269	40	33	196	166	36	40	90	54 56	46 54	
984	435	58	56	321	253	33	38	182	182	25	18	139	68	54	1
1986, total	435	46	41	348	258	22	18	218	177	24	23	130	72	54	1
Northeast			715	122		74		17.				130	1.79	1	
Northeast	95	6	10	79	55	3 7	4	48	40	3 9	6	31	19	16	
Midwest	113	16	10	87	62	1	6	49	51	9	4	38	8	33	1
South	142	16	12	114	96	7 5	6 2	83	46	9	6 7	31	43	33	1
West	85	8	9	68	45			38	40			30	2	1	
L Eng	24	2	2	20	15	1	1	13	9	1	1	7	8	7	1 5
ME	2	1	-	1	1	1	-	100	1	-		1	- 2	-	1
NH	2	1-	1	1	-	0.0	-	10.0	2	-	1	1	-	-	
VT	1	-	-	1	-	-	-		1	-	-	1	1	-	
MA	11	1-1	-	11	10	-	0.00	10	1.		-	1	7	7	
RI	2	0-1	ī	.1	1	-	1	-	1		-	1	-	-	
CT	6	1		5	3	1-	-	3	3	ī	-	2	-	-	
lid. Atl	71	4	8 3	59	40	2 2	3	35 17 7	31	2 2	5 2	10	11	9	100
NY	34	4	3	27	20	2	1	17	14	2	2	10	5	4	
NJ	14 23	-	1	13	8		1	7	6	-		6	1	1	
PA	23	-	5	19	12		1	11	11	-	3	8	5	4	
No. Cent	80	10	5	65	46	6	4	36	10	4	1	29	6 2	3	
OH	21	2		19	11	2	-	9	10	-	-	10	2	1	1
IN	10	3	ī	6	6	2	1	3		ī	-	3	-	-	
IL.	22	4	1	17	13	6 2 2 2	1	10	9 7	2	-	7	1	-	
MI	18	1	2	15	11	-	- 1	10	7	1	ī	5		-	
WI	9	-	1	8	5	-	1	4	4	-	100	4	3	2	
V. No. Cent	33	6 2 2 2	5	22	16	1	2	13	17	5 2	3	9	2	2	1 1
MN.	8	2		6	5		-	5	3	2	-	1.	-	-	
MO	6	2	1	3	2	1	-	1	4	1	1	1	1 -	1.0	
MO.	9	2	2	5	5	-	1	4	4	2	1	1	1	1	100
ND	1	-		1	1	-	-	1	-	-	-	-	-	-	
SD	1	-	1		1	-	1	-	-	-	-	-	1.0	1.5	
NE	3	- 14	1	2 5	18	-	-	-	3	-	1	2	1.00		
KS	5		1.04	5	2	-	-	41	3	-	-	3	1		
o. Atl	69	11	6	52	48	5	2	41	21	6	4	11	19	14	
DE	1		-	1	1	-	-	- 1	. ~	-	-	-	-	-	
MD	8	2	1	5	6	1	-	5	5	1	1	100		-	
VA	10	1	1	8	5	1	-	4		1 0	1	4	4	3	
WV	.4	1 7	-	4	4	1 2	2	4	-	- 3	1 3	-	1	1	
NC	11	4	3	4	8	2		4	3	2	1	-	1.7		100
SC	6	3	- 5	3	4	1	-	3	2	2 2 1	1.7	-	3	1	
	10	1	1	8	8	-	-	8	2 7		1	2	9	4	
So. Cent	19	2	-	19	12	2	2	12	1	-	i	7 8 2 3	9	5 5 2 2	
KY	7	- 2	3	23			2	15	9	-			7 3	9	
TN		1	1	6	4	Ť	7	4	3		1	2	3	2	
	9 7		1	6	6 5		1	4	3	1.5		3	2		
AL	5	1	1			1	- 1		2	1 5	- 7	1		ĭ	14 2
V. So. Cent	45	3	3	39	29		2	27	16	3	1	12	17	14	1 0 3
AD. Cent	40			39	3	-	2	3	10		2	12	11/		
AR	8	1	ī	6	5	-	21		3	1			6	4	
OK		1		5	4	1.2	3.2	4	2		-	1	ı	1	
TX	6 27 24	1	2	24	17	-	1	16	10	1	ī	8	10	9	
41^	24			24 16	9	4			10			12		-	
MT	24	6	-	10	1		1	4	15	2	1	12	1	1 -	
ID	2	1	1 6	1	1	1	-	1	1	1	-	i	12	1	
WY	2				1	1	1.0	11 32	1	13	-				
CO	6	2		4	3	2		1	3	1 2	-	3	1	1	
NM	2	2	1.5	3	1	-	1.5	1	2	1 2	1	2		-	9
A7	3 5			5						1 2			ī		
AZUT	3	i	ī		1	1 5	ī	1	4 2	1	1.3	4	1.0	- :	1100
NV	2	1		1	1	1		-	1	1 2	1		- 3	1 2	
ac .	61		7	50			i	9.				10	i	1	2
WA	01	2	,	52	36	1	,	34	25	1	6	18	,	,	
00	8	1	1		5		-	5 2	3 2	,	-	2 2	-	-	
WA	5			4	3	1	7		1 2	-	- 7			1	
AV	45		5	40	27	1	1	26	18	-	4	14	1	1	
AK	1 2	-	1	- 7	ī		-	ī	1	-	1		1.12	1	
					1	-	-	- 1	1 1	-	1.1	-			

Represents zero.
 Includes one Representative elected as an Independent.
 Run off election between two Democratic candidates, no Republican candidates.

Source: Compiled by U.S. Bureau of the Census from Congressional Quarterly, Inc., Washington, DC, Congressional Quarterly Meatly Regard, vol. 45, No. 11, March 14, 1997 and previous issues (copyright).

### No. 404. COMPOSITION OF CONGRESS, BY POLITICAL PARTY: 1939 TO 1987

[D=Democratic, R=Republican. Data for beginning of first session of each Congress, exclude vacancies at beginning of session.

See also Historical Statistics, Colonial Times to 1970, series Y 204-210]

				HOUSE			SENATE	
YEAR	Party and President	Congress	Majority party	Minority party	Other	Majority party	Minority party	Other
1939	D (F. Rogesvelt)	76th	D-261	R-100	4	D-69	R-23	
1941	D (F. Rocesvelt)	77th	D-266	R-162	3	0-66	R-26	1 3
1943	D (F. Roosevelt)		D-218	R-208	1 2	D-66	R-37	•
1945	D (F. Roosevelt)	79th	D-242	R-190	2	0-86	R-36	
1947	D (Trumen)		R-245	D-168	•	R-51	D-45	٠.
1040	D (Trumen)	81st	D-263	R-171	!!	D-64	R-42	-
1951	D (Trumer)	018	D-234	R-199	1 !	0-49		-
1901	D (Trumen)	82d	D-234	H-199	, ,	U-49	R-47	-
1953	R (Elsenhower)	83d	R-221	D-211	۱ ،	R-48	D-47	١.
1955	R (Elsenhower)	84th	D-232	R-203		D-49	R-47	1 :
1957	R (Elsenhower)	0-01	D-233	R-200	-	0-49	R-47	, ,
1956 1	R (Elsenhower)		D-234	R-153	-	0-66	R-35	-
1961	D (Kennedy)	86th	D-263	R-174	-	0-66	R-35	-
1953	D (Kennedy)	O/EI	D-258	R-177	-	D-00	n-30	-
1903	D (Kennedy)				-	D-67	R-33	-
1965			D-295	R-140	-	D-66	R-32	-
1957	D (Johnson)	90th	D-247	R-187	-	D-64	R-36	-
1000	D Oberes	00-0			l	۰	امدا	
1869 1971 <sup>2</sup>	R (Newn)	91st	D-243	R-192	-	D-67	R-48	
	R (Newn)		D-234	R-160	! :	D-54	R-44	Z
	R (Nbon)	93d	D-239	R-192	1	D-86	R-42	Z
1975 4	R (Ford)	94th	D-291	R-144	i -	D-86	R-37	Z
1977 •	D (Carter)		D-292	R-143	-	D-61	R-36	1 1
1979 •	D (Certer)		D-276	R-157	-	D-59	R-41	] 1
1981 •	R (Reegen)	87th	D-243	R-192	-	R-63	D-49	1
1983	R (Reegen)	95th	D-266	R-186	-	R-54	D-46	-
1996	R (Reagan)	99th	D-252	R-182	-	R-63	D-47	-
1967	R (Rescen)	190th	D-266	B-177		D-55	R-45	

<sup>-</sup> Represents zero. Includes Hawait, members seated Aug. 1959. Senate had 1 Independent and 1 Conservative-Republican. House had 1 Independent-Democrat. Senate had 1 Independent, 1 Conservative-Republican, and 1 undecided (New Hampshire). Senate had 1 Independent,

Source: U.S. Congress, Joint Committee on Printing, Congressional Directory, annual; beginning 1977, blennial.

### No. 405. Congressional Bills, ACTS, and Resolutions: 1969 to 1986

[Excludes simple and concurrent resolutions. See also Historical Statistics, Colonial Times to 1970, series Y 189-190]

ITEM	91st	92d	83d	94th	95th	99th	97th	95th	99th
	Cong.,	Cong.,	Cong.,	Cong.,	Cong.,	Cong.,	Cong.,	Cong.,	Cong.,
	1999-79	1971-72	1973-74	1975-76	1977-70	1979-80	1991-82	1983-84	1995-88
Measures introduced	26,303	22,969	23,396	21,099	19,387	12,583	11,490	11,158	9,885
	24,631	21,363	21,950	19,762	18,045	11,722	10,582	10,134	8,697
	1,672	1,866	1,446	1,334	1,342	961	908	1,022	1,199
Nessures enacted	941	766	774	729	808	738	529	677	483
	695	697	861	588	633	613	473	623	483
	248	161	123	141	170	123	58	54	17

Source: U.S. Congress, Calendars of the U.S. House of Representatives and History of Legislation, annual.

NO. 403. CONGRESSIONAL BILLS VETOED: 1923 TO 1986 [See also /fistorical Statistics, Colonial Times to 1970, series Y 199-203]

Vetoes sus-tained Total vetoes Regular vetoes Pocket vetoes PERIOD President 1923-1928 1929-1933 1933-1945 1945-1953 1953-1981 50 37 635 250 181 20 21 372 160 73 30 16 263 70 108 48 34 626 236 179 Hoover.....F. Roosevelt..... Eleenhower. 21 30 36 80 29 53 21 30 42 72 31 12 16 24 53 13 1953-1869 1969-1974 1974-1977 1977-1981 1981-1968 18 19 18 Nibron ..... 

<sup>-</sup> Represents zero.

Source: U.S. Congress, Sensite Library, Presidential Vetoes . . . 1789–1988; U.S. Congress, Calendars of the U.S. House of Representatives and History of Legislation, annual.

107. COMPOSITION OF CONGRESS, BY POLITICAL PARTY AFFILIATION-STATES: 1961 TO 1987 s are for the beginning of the first session. Dem. = Democratic; Rep. = Republican. For composition of regions, see fig. i, inside front cover]

	_	_			NTATIV			-	_	_	-	SENA		_	-	_
DIVISION, AND	97 Cor 19	th ng., 61	98 Con 19	th g.,' 63	Cor 19	th ig.," 85	10 Coi 19	oth ng., 87	97 Con 19	th 193 61	96 Cor 19	th ng., 63	99 Cor 19	th ng., 85	10 Cor 19	0th ng., 187
	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep
	243	192	269	165	252	182	258	177	46	53	46	54	47	53	55	4
	59	45	58	37	54	41	55	40	9	9	9	9	9	9	9	1
Ī	58 87 39	45 63 47 37	58 62 103	37 51 39 38	54 61 93	51 49	55 62 96 45	51 46 40	10 18 9	14 13 17	10	14 14 17	12 18 8	12 14 18	13 23 10	1
	39	37	46	38	44	41	45	40	9	17	18	17	8	18	10	10
**********	16	9 2	16	8 2	14	10	15	9	6	6	6	6	6	6	6	
	1	1	1	1	3	2	-	2	-	2	ī	2	i	2	1	
	10	2	10	1	10	1	10	1	2	1	2	1	2	1	2	9
	4	2	1	2	3	3	3	3	1	i	i	- 1	1	i	i	13
	43	36 17	42 20 9	29 14	40 19	31 15	40 20	31 14	3	3	3	3	3	3	3	1
	43 22 8 13	12	9	5	8	6	8	6	2	2	2	2	2	2	2	
	100	100		1100	1111	35	100	100	1		12		7	100	1	
	10	43 13	10	36	11	10	46 11	10	6 2	4	6 2	2	2	3	7 2	
	10 12 5	14 7 4	12 12 12 5	10	13	9 7	13 11	9 7	1 2	1	1	1	2	-	2 2	
	5	4	5	6	11	4	5	4	1	ī	1	1	2 1	ī	1	
ent	15	20	18	15	17	16	16	17	4	10	4	10	5	9	6	
	3	5 3 4	5	3 3	17 5 2 6	3	2	4	- 7	2 2	1 3	2	1	1	ī	
	15 3 6 1	-	6	-	1	3	5 5 1 1	4	1	1	1	1	1	1	2	
	1	3 4	1	3	1	3		3	2	2	2	2	2	2	2	
		12.0	2	1 - 3	2	1.0	2		-	2		2		2	06	
	39	26	50	19	44	25	48	21	7	1	7	9	7	1	11	
	7	9	7 4	6	6	6	5	5	1 - 2	1	1	1 2	1	1 2	2	
00000000000000000000000000000000000000	7	9 2 4 4	7 4 4 9 3	2 3	6 4 4 6	5 3	8	3 2	2	2	2	2	2	2	2 1	
	7 1 2 7 2 9 11	4	3 9 13	1 6	3 8 12	3 2 7	8 12	2 2 7	į	1	1	1	1		2 2	
	11 (6)			1			160	7	1	1	1	,	1	1	100	
nt	16	11	18	10	18	10	19	9	5 2	3	5 2	3	5	3	6	
	5 4 3	3	6 5	3 2 2	6	2 2	6 5	3 3 2	1	1	1	1	1	ī	2 2 1	
***************************************	3	2	3	2	3		4	ī	1	,	1	1	1	1	1	
ent	32	10	35	10	31	14	29	16	6 2	2	6 2	2	6 2	2	6 2	1.3
	6 5	1	6 5	2	6	1	3 5 4 17	3 2	2 2 1	1	2 1	ī	2 1	ī	2 2 1	4
	19	5	22	5	17	10	17	10	i	i	i	i	i	1	1	1
	7	12	8	15	7	17	9	15	5 2	11	5 2	11	5 2	11	6 2	1
	1	2	-	2	1	1	1	1	- 5	2 2	:	2 2	3	2		1
	3	2 2	3	2	2	4	3	3	- 1	1	1	1	1	1	1	
	2	2 2	1 2	3	1	4	1	4	1	1	1	1	1	1	1	
	ī	2	1	3	1	3	1	1	1	1	1 2	2 2	1	2 2	ī	
	32	25	38	23	37	24	36	25	4	6	4	6	3	7	1	1
	5 3 22	1	5	3 2 17	5	3 2 18	5	3	1	1 2	-	1 2	1	2 2 1		1
	22	21	28	17	27	18	27	18	i	1 2	1	1 2	1	1 2	1	
-	2		2	1 2	2	1 -	1	1	2		2	-	2	-	2	

t U.S. Congress, Joint Committee on Printing, Congressional Directory, biennist; and unpublished data.

No	408 MEN	ADEDO OF	CAMADESS.	-INCHIMBENTS	RE-FLECTED:	1082 TO	BAR

many .		PRESIDE	NTIAL-Y	EAR EL	ECTIONS	2			MIDTE	RM ELEC	CTIONS		
ITEM	1964	1968	1972	1976	1980	1984	1962	1966	1970	1974	1978	1962	1986
Representatives: Incumbent candidates	397 344 86.6 8 45	409 396 96.8 4	390 365 93.6 12 13	384 368 95.8 3 13	398 361 90.7 6 31	411 392 95.3 3 16	402 368 91.5 12 22	411 362 88.1 8	401 379 94.5 10	391 343 87.7 8 40	382 358 93.7 5	393 354 90.1 1 10 29	394 385 97.7
Senators: Incumbent candidates	33 28 84.8 1 4	28 20 71.4 4 4	27 20 74.1 2 5	25 16 64.0 9	29 16 55.2 4 9	29 26 89.7	35 29 82,9 1 5	32 28 87.5 3	31 24 77.4 1 6	27 23 85.2 2	25 15 60.0 3 7	30 28 93.3	28 21 75.0

Represents zero.
 Six incumbents defeated in primarise by other incumbents due to redistricting.
 Source: Congressional Quarterly, Inc., Washington, DC, Congressional Quarterly Westly Report, vol. 44, No. 45, Nov. 8, 1986. (Copyright.)

No. 408. MEMBERS OF CONGRESS—SELECTED CHARACTERISTICS: 1971 TO 1987
[As of beginning of first session of each Congress, Figures for Representatives exclude vecancies]

The State of the S		-			Not			AGE (	n years	0	
MEMBERS OF CONGRESS AND YEAR	Male	Fe- male	Black	Mar- ried	mar- ried 1	Under 40	40- 49	50- 59	60- 69	70- 79	80 and over
REPRESENTATIVES			12	1	13		(21)		1,41	21	117
92d Cong., 1971 93d Cong., 1973 94th Cong., 1975 95th Cong., 1977 96th Cong., 1979 97th Cong., 1981 98th Cong., 1983 99th Cong., 1985	419	12 14 19 18 16 19 21 22 23	12 15 15 16 16 17 21 20 23	407 399 381 379 364 349 366 365 371	26 34 54 56 69 86 68 69 64	40 45 69 81 86 94 86 71 63	133 132 138 121 125 142 145 154 153	152 154 137 147 145 132 132 131 137	86 80 75 71 63 54 57 59 56	19 20 14 15 14 12 13 17 24	2
92d Cong., 1971 93d Cong., 1971 93d Cong., 1973 94th Cong., 1975 95th Cong., 1977 96th Cong., 1979 97th Cong., 1981 98th Cong., 1983 99th Cong., 1985 100th Cong., 1985	99 100 100 100 99 98 98 98	1 1 22 22	1111111111	97 96 94 91 95 93 90 92	3 4 6 9 5 7 10 8	4 3 5 6 10 9 7 4 5	24 25 21 26 31 35 28 27	32 37 35 35 33 36 39 38	23 23 24 21 17 14 20 25 22	16 11 15 10 8 6 3 4	1

<sup>-</sup> Represents zero. <sup>1</sup> Single, widowed, or divorced. <sup>2</sup> Includes Senator Durkin, NH, seated Sept. 1975.

# No. 410. MEMBERS OF CONGRESS—SENIORITY AND OCCUPATION: 1981 TO 1987 [As of beginning of first session of each Congress. Dem. = Democratic; Rep. = Republican]

		R	EPRESEN	TATIVES					SENAT	ORS		
SENIORITY AND OCCUPATION	97th	98th	99th	100th	Cong.,	1987	97th	98th	99th	100th	Cong.,	1987
	Cong., 1981	Cong., 1983 <sup>1</sup>	Cong., 1985	Total	Dem.	Rep.	Cong., 1981	Cong., 1983	Cong., 1985	Total	Dem.	Пер.
Total	435	2 435	2 435	435	258	177	100	100	100	100	55	45
Seniority: 3 Less than 2 years 2-9 years 10-19 years 20-29 years 30 years or more	77 231 96 23 8	83 224 88 28 11	49 237 104 34 10	51 221 114 37 12	28 117 74 29 10	23 104 40 8 2	19 51 17 11 2	5 61 21 10 3	8 56 27 7 2	14 41 36 7 2	12 16 19 7	25 17
Occupation: 4 Agriculture Business or banking Education Journalism Law Public service/politics	28 134 59 21 194 52	29 139 43 21 201 49	24 144 37 21 190 65	20 142 38 20 184 94	10 66 24 11 122 59	10 76 14 9 62 35	9 28 10 7 59 13	9 35 12 7 61 2	7 30 10 8 61 11	5 28 12 8 62 20	13 6 6 35 13	3 15 6 2 27 7

<sup>-</sup> Represents zero. ¹ Data have been adjusted for the subsequent switching of parties by one Representative and the Representative elected to fill the vecency created by the death of Representative Rosenthal. ² Includes one vecency of Represents consecutive years of service. ⁴ Not all occupations reported are listed. Source: Congressional Quarterly Westly Report, vol. 44, No. 45, Nov. 6, 1985, and previous issues (copyright), and unpublished data. Members of Congress may state more than 1 occupation; therefore, sum may be greater than total Source of tables 400 and 410: Except as noted, compiled by U.S. Bureau of the Census from U.S. Congress, Joint Committee on Printing, Congressional Directory, blemnist.

Governors 245

### No. 411. Number of Governors, by Political Party Affiliation: 1980 to 1987

[Reflects results of elections in previous year and holdover incumbents]

YEAR	Demo- cratic	Repub- lican	YEAR	Demo- cratic	Repub- lican	Inde- pendent	YEAR	Demo- cratic	Repub
1960	34	16	1970	18	32	_	1979	32	18
1962	34	16	1971	29	21	-	1980	31	19
1963	34	16	1972	30	20	-	1981	27	23
1964	34	16	1973	31	19	-	1982	27	23
1965	33	17	1974	32	18	-	1983	34	16
1966	33	17	1975	36	13	1	1984	35	15
1967	25	25	1976	36	13	1	1985	34	16
1968	24	26	1977	36 37	12	1	1986	34	16
1969	20	30	1978	37	12	1	1987	26	24

Represents zero.

Source: National Governors' Association, Washington, DC, Governors of the American States, Commonwealths, and Territories, annual. (Copyright.)

### No. 412. Vote Cast for and Governor Elected, by State: 1980 to 1986

[In thousands, except percent. D=Democratic, R=Republican]

	11	960	1	982	15	84	1	986	7.7
DIVISION AND STATE	Total vote	Percent leading party	Total vote	Percent leading party	Total vote 1	Percent leading party	Total vote 1	Percent leading party	Candidate elected a most recent election
N. Eng.:	1	101	100					100	
ME	(x)	(x)	460	D-61.1	(x) 384	(x)	427	R-39.9	John R. McKernan
NH	384	D-59.0	283	R-51.4	384	R-66.8	251	R-53.7	John H. Sununu
VT	210	R-58.6	169	R-55.0	234	D-50.0	197	D-47.0	Madeleine M. Kunin
MA	(X)	(x)	2,050	D-59.5	(x) 408	(x)	1,684	D-68.7	Michael S. Dukakis
RI	406	D-73.7	337	D-73.3	408	R-60.0	323	R-64.7	Edward DiPrete
CT	(x)	(x)	1,084	D-53.3	(x)	(x)	994	D-57.9	William A. O'Neill
Aid. Att.;	1	1.0	200	- 1	15.7		100	13.3	
NY	(x)	(x)	5,255	D-50.9	1,973	(x)	4,294	D-64.6	Mario M. Cuomo
NJ *	2,317	R-49.5	(x)	(x)	1.973	R-69.6	(x)	00	Thomas H. Kean
PA	(x)	(x)	3,684	R-50.8	(x)	(x)	3,388	D-50.7	Robert Casey
. No. Cent.:			1000	13.000			0,000	J	
OH	(x)	00	3,357	D-59.0	(x)	00	3.067	D-60.6	Richard F. Celeste
IN	2,178	R-57.7	(x)		2,198	R-52.2	(x)		Robert D. Orr
L	(x)	00	3,674	R-49.4	(x)	00	3,144	R-52.7	James R. Thompson
MI	1 60	1 23	3,040	D-51.4	1 23	1 20	2.397	D-68.1	James J. Blanchard
WI	XXX	888	1,580	D-56.7	888 888	888	1,527	R-52.7	Tommy G. Thompson
W. No. Cent.:	100	1~1	1,000	0 00.7	100	101	1,04.7	11-54.7	Tomany G. Thompson
MN	lw.	M	1,790	D-58.6	141	(11)	1,416	D-55.8	Buch Pernich
IA.	(x) (x) 2,088	(x) (x) R-52.6	1,038	R-52.8	(x) (x) 2,108	(X)	911	R-51.9	Rudy Perpich Terry E. Branstad
MO	2 000	D 526	1,036		2 100	R-56.7			John Ashcroft
ND	303	R-53.6	(X) (X) 279	(X)	314	D-55.3	(X) (X) 294	(X)	George Sinner
SD	- 303	H-03.6	(X)	R-70.9	314		(X)	R-51.8	George Sinner
NF.	(x)	(x)	2/9	H-70.9	(x)	(x)	294		George S. Mickelson Kay Orr
	888	(X)	548	D-50.6	888	(XX	564	R-52.9	Kay Off
KS	(X)	(x)	763	D-53.2	(x)	(x)	841	R-51.9	Mike Hayden
io. Att.:					50.0	L	**		
OE.	225	R-70,6	1,139	D-62.0	244	R-55.5	1,101	D-82.4	Michael N. Castle
MD	1,421	D-53.5	1,139	D-62.0	1,343	D-55.2	1,101	D-82.4	William D. Schaefer
VA *	1,421	D-53.5	(x)	888	1,343	D-55.2	(x)	(x) (x)	Gerald L. Baliles
WV	742	D-54.1	(x)	(x)	742	R-53.3	(x)	(x)	Arch A. Moore
NC		D-61.9	(x)	(x)	2,227	R-54.3	(x)	(x)	James G. Martin
SC	(x)	(x)	(X) (X) (X) 672	D-69.8	(x)	(x)	(X) (X) 754	R-51.0	Carroll Campbell
GA	(x)	(x)	1,169	D-62.8	(x)	(x)	1,175	D-70.5	Joe Frank Harris
FL	XXX	888	2,689	D-64.7	888	888	3,386	R-54.6	Bob Martinez
So. Cent.:	H and the	7 5 5 V	-	-				10.000	
KY 3	939	D-59.4	(x)	(x)	1,031	D-54.5	(x)	D-54.2	Martha Layne Collins
TN	(x)	(x)	1,239	R-59.6	(x)	(x)	1,210	D-54.2	Ned McWherter
AL	(x)	(X)	1,129	D-57.6	òó	(x)	1,236	R-56.3	Guy Hunt
MS 3	(X) (X) 677	D-61.1	(x)	(x)	(X) (X) 743	D-55.1	(X)	(x)	William A. Allain
MS 3 V. So. Cent.:					1.46		2.0		
AR	839	R-51.9	789	D-54.7	887	D-62.6	689	D-63.9	Bill Clinton
LA	. 1,372	* R-50.3	(x)	(x)	* 1,616	* 62.3	(x)	(x)	Edwin Edwards
OK	(x)	(x)	(x) 883	D-62.1	(x)	(x)	910	R-47.5	Henry Bellmon
TX	(X)	(x)	3,191	D-53.2	(X)	(X)	3,441	R-52.7	William P. Clements
AL:	2.4	8.4	241.57	2.112		2.4	91.55	( - TEO	107 107 107 107 107
MT	360	D-55.4	(x)	(x)	379	D-70.3	DO	(x)	Ted Schwinden
ID.	(X) (X) (X) (X) 600		(x) 327	D-50.6		(x)	387	D-49.9	Cecil D. Andrus
WY	(x)	(X) (X)	169	D-63.1	(x)	60	165	D-54.0	Mike Sullivan
CO	1 66	60	956	D-65.7	(%)	120	1,059	D-58.2	Roy Romer
NM	1 (2)	(x)	407	D-65.7 D-53.0	721	XXXX	395	R-53.0	Garrey E. Carruthers
AZ	1 121	(x)	726	D-62.5	125	(x)	867	R-39.7	Garrey E. Carruthers Evan Mecham
UT	600	D-55.2	(x)	(x)	(X) (X) (X)	R-55.9			Norman H. Bangerter
NV	(x)	(x)	240	D-53.4	(X)	(x)	260	D-71.9	Richard H. Bryan
ac.:	121	(4)	2.40	5 00.4	(٨)	101			
WA	1,731	R-56.7	(x)	(x)	1,889	D-53.3	(x)	(w)	Booth Gardner
OR			1.042	R-61.4			1,060	D-51.9	Neil Goldschmidt
CA	(X)	(x) (x)	7,877	R-49.3	(x) (x)	(x)	7,444	R-60.5	George Deukmejian
AK	721	1 121	195	D-46.1	1 22	(x)	180	D-47.3	Steve Cowper
HI	(x)	(x)	312	D-45.2	(x) (x)	(x)	334	D-47.3 D-52.0	John Waihee
								U-02.0	

X Not applicable. Includes minor party and scattered votes. 2 Voting years 1981 and 1985. 3 Voting years 1979 and 1983. 4 Dec. 1979 vote. 2 Primary election, Oct. 1983, held on a non-party basis. Winner was Democratic. Source: Elections Research Center, Washington, DC, America Votes, blennist. (Copyright.)

### No. 413, Composition of State Legislatures, by Political Party Affiliation: 1980 to 1986

lets reflect election results in year shown for most States; and, except as noted, results in previous year for other States. Figure reflect immediate results of elections, including holdover members in State houses which do not have all of their membe running for re-election. Dem.—Democratic; Rep.—Republican. In general, Lower House refers to body consisting of Stat Representatives; Upper House, of State Senators) (Data refle

				LOWER	HOUSE							UPPER	HOUSE			
STATE	198	011	198	214	198	4	198	678	198	0 2 0	1982	3 10	1984	18.81	1980	311
4111	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Re
U.S	3,289	2,190	3,429	2,006	3,136	2,316	3,284	2,172	1,182	742	1,210	725	1,187	753	1,179	7
AL 18	100	4	97	8	87	12	89	16	35	-	32	3	28	4	30	
AK 14	22	16	19	21	21	18	24	16	11	9	9	11	9	11	8	1
		43	21 93	39	22	38	24 91	36	14	16	12 32 25	18	12	18	11	1
AR 14	93 48	32	93	32	91	33	91	36	34 23	1	32	14	31	.4	31	
00 14	26	39	25	40	18	47	25	40	13	17	14	21	11	15	10	
CT 18	83	68	87	64	66	85	92	59	22	13	23	13	12	24	25	1
DE 14	16	25	24	17	19	22	19	22	12	9	13	8	13	8	13	1
FL 14	81	39	84	36	77	43	75	45	27	13	32	8	32	8	25	
FL 14 GA 15	156	23	156	24	154	26	153	27	51	5	49	7	47	9	46	
HI 14	39	12	43	8	40	11	40	10	17	8	20	5	21	4	20	
D 18	14 86	56 91	19	51 48	17	67	20 67	64 51	12 30	23 29	14	21 26	31	28	16	
IL 14	35	63	43	57	67	51 61	48	52	15	35	18	32	20	28	31	
IA 14	42	58	60	40	60	40	58	42	22	28	28	22	29	21	30	
VC 14	63	72	53	72	49	76	58 51	42 74 26	16	24	16	22 24	16	24	16	
KY 14	75	24	76	24	74	26	73	26	29	9	28	10	28	10	29	
		10	93	11	91	14	81	22	39	-	38	1	38	1	34	
ME	1 54	67	92	59	85	66	86	65	16	17	23	10	24	11	20	
MD 19	125	15	124	17	124	17	124	17	40	7	41	6	41	6	40	
MA 15	128 64	31 46	129 63	29 47	126 57	34 53	127 64	33 46	32 24	14	33 20	18	32 18	19	32 18	
MNI 14	70	64	77	57	65	69	83	51	45	22	42	25	42	24	47	
		4	116	5	116	6	115	7	48	4	49	3	49	3	47	
MO 14	1111	52	110	53	108	55	111	52	23	10	22	12	21	13	21	
MT 14	43	57	55	45	50	50	49	51	21	29	24	26	28	22	25	1
NE	(10)	(10)	(16)	(10)	(10)	(14)	(18)	(10)	(16)	(10)	(10)	(10)	(10)	(16) B	(10)	1
NV 14 NH 15	26	14	23	19	17	25	29	13	15		17	4	13			
NH 15	160	238	158	237	102	297	132	268	10	13	9	15	6	18	8	
NJ 14		37	44	36	30	50	30	49	22	18	23	17	23	17	23	
NM 14	41	29	46	24	42	28	47	23	22	20	23	19	21	21	21	
NY 15	86	63	97	52	94 82	56	92	56	25	35	26	35	26	35	25	
NC 14	95 27	73	102	18	82	38	84 45	36 61	10	10	21	32	38	12	40	1
ND 14	54	45	55 62	51 37	42 58	64	60	39	15	18	17	16	15	29 18	15	
OK 14	73	28	76	25	69	32	70	31	37	11	34	14	34	14	30	
OD 14	33	27	36	24	34	26	31	29	22	8	21	9	18	12	17	
		103	103	100	103	100	103	100	23	25	23	27	23	27	23	
RI 16	82	18	85	15	77	21	80	20	43	7	29	21	38	12	38	
SC 14	107	17	103	20	96	27	92	32	41	5	39	6	36	10	36	
SD 15	21 57	49	16 60	54 37	13	57	22	48	10	25	9	26	10	25	11	
TN 14	57	39	60	37	62	37	61	38	20	12	22	11	23	10	23 25	
TX 14	114	35 58	114	36 58	98	52 61	94	56	23	7	26	5	25 6	23	8	
VT 19	64	86	65	83	14 72	78	74	48 75	14	16	13	17	18	12	19	
VA 14	66	33	65	34	65	33	65	33	31	9	32	8	31	8	31	
WA 14	42	56	54	44	53	45	61	37	24	25	26	23	27	22	25	
		22	87	13	73	27	78	22	27	7	31	3	30	4	27	1
WI 14	59	39	59	40	52	47	54	45	19	14	19	14	19	14	20	1
WY 14	23	39	25	38	18	46	20	44	11	19	11	19	11	19	11	

<sup>-</sup> Represents zero. ¹ Excludes 1 Independent each for MD, MA, and VA; 2 Independents each for MS and TN; Libertarians for AK; 1 vacancy each for AL, GA, KY, MS, NY, NC, TN, TX, and W); and 2 vacancies each for IN and NI ² Status as of late 1981; includes elections held and vacancies filled in 1981. ⁵ Status as of August 1983, except for KY, Li MS, NJ, and VA which are as of Jan. 1984 and reflect elections held in 1983. ⁵ Status as of August 1983, except for KY, Li MS, NJ, and VA valor are as of Jan. 1984 and reflect elections held and VT; and 3 vacancies as the NH. ⁵ Status as of Jan. 1985, except for NS, NY, SC, and TN; 2 vacancies each for MA and VT; and 3 vacancies in NH. ⁵ Status as of Jan. 1985, except for NJ and VA which are as of Jan. 1986 and reflect elections held in 198 ° Excludes 1 independent for AK; and 1 vacancy each in 188. AL, NH, OH, RI, and SC. ⁵ Status as of January 1987. ° Excludes 1 independent for VT; 2 independents for VA; 2 libers for NY; 1 vacancy each for HI, KY, and NJ; and 2 vacancies for LA. ° Excludes 1 independent each for MA and TN; 1 vacancy each for CT, MO, NH, and TX; and 2 vacancies for LA. ° Excludes 1 independent for CA and 1 vacancy for Si ≥ Excludes 3 independents for AL, and 1 vacancy each for MI, MN, and VA. ⇒ Excludes 1 independent each for CA and 1 vacancy for Si ≥ Excludes 3 independents for AL, and 1 vacancy each for MI, MN, and VA. ⇒ Excludes 1 independent each for CA and 1 vacancy for Si ≥ Excludes 3 independents for AL, and 1 vacancy each for MI, MN, and VA. ⇒ Excludes 1 independent each for CA and 1 vacancy each for MS; 1 vacancy each for CA and 1 vacancy each for MS; 1 vacancy each for CA and 2 vacancies for WI. □ Members of both house serve 2-year terms. □ Single chambers (wicknesserve 2-year terms. □ Single chambers (wicknesserve 2-year terms. □ Single chambers (wicknesserve 2-year terms. □ Single chambers (wicknesserve 2-year terms. □ Single chambers (wicknesserve 2-year terms. □ Single chambers (wicknesserve 2-year terms. □ Single chambers (wicknesserve 2-ye

Source: The Council of State Governments, Lexington, KY, 1980-1984 Book of the States, and its Supplement I, both bit 1986, State Elective Officials and the Legislators, 1987-88. (Copyright.)

IO. 414. POLITICAL PARTY CONTROL OF STATE LEGISLATURES, BY PARTY: 1961 TO 1987

f beginning of year. Until 1972 there were two non-partisen legislatures in Minnesota and Nebraska. Since then only Nebraska has had a non-partisen legislature)

LEGISL	ATURES U	HDER-		LEGISL	ATURES U	NDER-		LEGISL	ATURES U	IDER-
Demo- cratic control	Split control or tie	Repub- lican control	YEAR	Demo- cratic control	Split control or tie	Repub- lican control	YEAR	Demo- cratic control	Split control or tie	Repub- lican control
 27 25 32 24 20	6 7 10 8 8	15 16 6 16 20	1971 1973 1975 1977 1979	23 27 37 36 30	9 6 7 8 7	16 18 5 5	1981 1983. <sup>1</sup> 1985 1986 1987	28 34 27 28 28	6 4 11 12 12	15 11 11 11 9

1984 mid-term recall elections resulted in a change in control of the Michigan State senate. At the time of the 1984 herefore, Democrats controlled 33 legislatures.

: National Conference of State Legislatures, Denver, CO, State Legislatures, January 1987.

### 5. BLACK ELECTED OFFICIALS, BY OFFICE, 1970 TO 1987, AND BY REGION AND STATE, 1987

resery 1967, no Black elected officials had been identified in Idaho, Montana, or North Dakota. For composition of regions, see fig. I, inside front cover]

GION, , AND TE	Total	U.S. and State legis- latures	City and coun- ty of- fices <sup>2</sup>	Law enforce- ment <sup>a</sup>	Educa- tion <sup>4</sup>	DIVISION AND STATE	Total	U.S. and State legis- latures 1	City and coun- ty of- fices #	Law enforce- ment <sup>3</sup>	Educa- tion <sup>4</sup>
2.)	1.479	179	719	213	368	W. No. Cent	222	24	139	23	36
r.)	1.870	216	909	274	471	Minnesota	12	1	4	5	2
1	2,275	224	1,112	263	676	lowa		-1	3	1	4
1	2.635	256	1,268	334	777	Missouri	164	17	116	14	17
)	3,007	256	1,607	340	804	South Dakota	3	7	3	-	
	-		6332			Nebraska	5	1	.1	=	3
····	3,522	299	1,885	387	951	Kansas	29	4	12	3	10
1	4,006	299	2,284	415	1,008	0- 40		120	1,344	96	291
1	4,342	316 316	2,509	451 458	1,066	So. Atl Delaware	1,851	3	13	90	291
Ì	4,044	315		491	1,155	Maryland	119	28	68	18	5
	4,030	315	2,675	491	1,155	District of	110	20	- 00	10	,
1	4.963	326	2.871	534	1,232	Columbia	251	1	242	1 2	8
Ó	5,109	343	2.914	559	1.293	Virginia	123	10	103	10	1 2
Ó	5,241	342	3,017	573	1,309	West Virginia	20	1	16	3	
1)	5,719	386	3,283	620	1,430	North Carolina .	353	16	248	23	66
)	5,865	396	3,367	657	1,445	South	10.00	110	15.54	11000	100
1.00000	6,312	407	3,689	685	1,531	Carolina		20	200	5	115
L)	6,384	410	3,800	676	1,498	Georgia		29	323	18	75
(Jan.)	6,646	428	3.949	727	1,542	Florida	179	12	131	19	17
(sanc)	0,040	740	0,070		1,042	E. So. Cent	1 213	61	793	152	207
	1000		77.47	100	The second	Kentucky	74	2	53	6	13
st	708	77	273	102	256	Tennessee	143	14	87	19	23
	1,275	94	727	141	313	Alabama	448	24	324	40	60
		226	2,848	386	827	Mississippi	548	21	329	87	111
	376	31	101	98	146		1.22				
	120	26	62	3	29	W. So. Cent	319	45	711	138	329
********	3	1	1		2	Arkansas Louisiana		19	301	64	121
	1			100	-	Oklahoma	117	5	86	3	23
shire	1	1	-	100		Texas		16	143	31	92
t	1	1		(¥	-	, 0,00	200		3.10	1 6	
hu-	1 5 5 3		24.1	3-4	1	Mt	50	12	16	10	12
	36	7	20	( -	9	Wyoming	3	1	1	-	1
Island	11	6	3	-	2	Colorado	15	4	3	5	3
ticut	68	11	38	3	16	New Mexico		1	2	2	1
	588	51	211	99	227	Arizona Utah		3	7	ī	
ork	250	24	51	49	126	Nevada		3	3	2	2
rsey	198	8	111	1	78	recyalog	10				
Ivania	140	19	49	49	23	Pac	326	19	85	88	134
	1	10				Washington		3	6	4	
nt	1,053	70	588	118	277	Oregon	10	3	4	2	1
	214	14	123	30	47	California	293	12	74	82	125
	69	8	49	3	9	Alaska	3	1	1	-	1
		25	267	26	116	Hawaii	1	-	-	-	1
n	316	19	140	55	102						
sin	20	4	9	4	3			1			1

resents zero. 

Includes elected State administrators. 

County commissioners and councilmen, mayors, vice ildermen, regional officials, and other.

Judges, rhagistrates, constables, marshals, sheriffs, justices of the peace, and Members of State education agencies, college boards, school boards and other.

<sup>:</sup> Joint Center for Political Studies, Washington, DC, Black Elected Officials: A National Roster, annual. (Copyright.)

PUBLIC OFFICE

NO. 416. HISPANIC PUBLIC OFFICIALS, 1966, AND STATE LEGISLATORS, 1963 TO 1966

[For States not shown, no Hispanic State legislators had been identified. For composition of regions, see fig. I, inside front cover]

		wo	MEN						
PUBLIC OFFICE	Both sexes	Num- ber	Per- cent of total	REGION, DIVISION, AND STATE	State legis- telors	DIVISION AND STATE	State legis- leiors	DIVISION AND STATE	State legis- lators
Total	1 4 116 304 1,048	402 } 14 75 138 42 223	15 12 25 13 8 19	1983 (July)	115 116 11 7 34 64	Mid. Atl	1 2	W. So. Cent	2 24

Source: National Association of Latino Elected and Appointed Officials, Washington, DC, unpublished data.

1975

1979

NO. 417. WOMEN HOLDING STATE AND LOCAL PUBLIC OFFICES, BY OFFICE AND STATE: 1975 TO 1987
[For data on women in U.S. Congress, see table 409]

1980

1962

1984

1980

1986

1967

1962

1961

STATE	State legislature Percent of total County governing	legislators			04 770 1.0 10.3 56 947	763 906 10.2 12.1 1,144 1,205	1 1	911 2.2 13.3 1,427	966 13.3 1,476	14.8	101 1,168 14.8 15.5 (MA) 1,566
Alabama 1 6 7 281 Miseouri 23 31 17 17 Alaska - 12 13 233 18 1 17 Alaska - 12 13 233 18 1 1 23 18 1 1 10 10 10 10 10 10 10 10 10 10 10 10	STATE	elective office, 2 2	legiele- ture, <sup>2</sup>	gov- erning boards,	and municipal council members,	STATE		elective office,3 2	legiela- ture, <sup>3</sup>	gov- erning boerds,	municipal council members,
Alaska	U.S	43	1,156	1,568	14,672	Mississippi		-			176
Alaska	Alebama	•		7	201	Mesouri	••••••	2			110
Artansas 2 9 71 385 8 1 10 10 40 10 10 10 Artansas 2 9 71 385 8 8 1 10 10 10 10 10 10 10 10 10 10 10 10 1	Alacka					Mohraeka	••••••			27	241
Artenses 2 9 71 366 New Hempethre - 136 8 1 4 1 17 Colimato 2 26 418 315 New Mexico 1 1 11 17 New York - 23 4124 7 New York Caroline - 24 51 31 New York - 23 4124 7 New York - 24 51 31 New York - 24 51 31 New York - 24 51 31 New York - 24 51 31 New York - 24 51 31 New York - 24 51 31 New York - 24 51 31 New York - 24 51 31 New York - 24 51 31 New York - 24 51 31 New York - 24 51 31 New York - 24 51 31 New York - 24 51 31 New York - 24 51 31 New York - 24 51 31 New York - 24 51 31 New York - 24 51 31 New York - 24 51 31 New York - 24 51 31 New York - 24 51 31 New York - 24 51 31 New York - 24 51 31 New York - 24 51 31 New York - 24 51 31 New York - 24 51 31 New York - 24 51 31 New York - 24 51 31 New York - 24 51 New York - 24 51 New York - 24 5	Arizona					Nevede	••••••	1 1			15
California   1	Artennes					New Hernos	-	1 :			113
Colorado   2   28   418   315   New Mexico   1   11   11   12   7	California					New Jersey		_			461
Connecticut	Colorado					New Mexico		1			56
District of Columbia   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)	Connecticut	ī				New York		-	i 23	1 124	797 357
Florida		1	10	13	67	North Dakot	a			• 11	174
Georgia   -   28   22   251     Vegonsylvania   -   16   424     445     Chapter   -   18   424     Chapter   -   18   424     Chapter   -   18   424     Chapter   -   18   424     Chapter   -   18   424     Chapter   -   18   424     Chapter   -   18   424     Chapter   -   18   424     Chapter   -   18   424     Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   Chapter   -   18   Chap	Columbia	(x)	(x)	l (x)	7	Ohio		1 1			1,129
Georgia   -   28   22   251     Vegonsylvania   -   16   424     445     Chapter   -   18   424     Chapter   -   18   424     Chapter   -   18   424     Chapter   -   18   424     Chapter   -   18   424     Chapter   -   18   424     Chapter   -   18   424     Chapter   -   18   424     Chapter   -   18   424     Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chapter   -   18   Chap	Florida	· i	33	441	311				1 13	2   5	312
Herwaii	Georgia	-	28	22	251	Oregon		Z			344
Ideho	Heresi	_				Phode leles	4				30
South Delote   1   21   416   1   10   10   10   10   10   10   1	Idaho	1			141	South Com				: .W	1 1 24
Indiana   2   19   10   -     Tennessee   -   12   499   19   10	(Minois	-		4 134	i -						146
Kernese	Indiana	2	19	10	-						144
Karnese	lows	2	22	36	732	Tarras			l 4:	2 97	706
Kentucky	Kansas	ī	31	1 24		I Mah	••••••	l <u>'</u>			137
Louisieris	Kentucky	4			_	Vermont	••••••	1 7		نم ان	87
Melne     -     53     43     243     Washington     -     37     13     3       Meryland     -     39     4 21     133     West Virginia     -     21     13     3       Messechusetts     1     37     4     217     Wisconsin     -     28     246       Michigan     1     22     123     2,779     Wyoming     2     22     5	Louisians	i i			183	Virginia	••••••	;		الإيداة	211
Meryland	Maine	_	53			Weehington		ı <u>:</u>		7   13	341
Messachusetts 1 37 4 217 Weconein 28 246 Michigan	Meryland	-	39			West Virginia		-			200
Michigan	Massachusette	1	37	1 4		Weconen		_	2	246	
Management   A   22   25   70   70   70   70   70   70   70   7	Michigan	i		123		Wyoming		2			<b>*</b>
NOTE TO SECULIAR SECULIAR SECULIAR SECULIAR SECULIAR SECULIAR SECULIAR SECULIAR SECULIAR SECULIAR SECULIAR SECULIAR SECULIAR SECULIAR SECULIAR SECULIAR SECULIAR SECULIAR SECULIAR SECULIAR SECULIAR SECULIAR SECULIAR SECU	Minnesota	ż	31	37	542	1,		•		1	_

Represents zero. NA Not available. X Not applicable. 
<sup>1</sup> Contains 1986 data for 17 States. 
<sup>2</sup> As of August.
 Excludes women elected to the judiciary and women appointed to State cabinet-level positions. 
<sup>4</sup> 1986 data.

Source: Center for the American Woman and Politics, Eagleton Institute of Politics, Rutgers University, New Brunewick, NJ, Information releases.

NO. 416. VOTING-AGE POPULATION, AND PERCENT MEPORTING REGISTERED AND VOTED: 1972 TO 1900

			VOTING	AGE PC	VOTING-AGE POPULATION (MIL.)	on (mil.)				PERC	ENT RE	PORTIN	PERCENT REPORTING THEY REGISTERED	REGISTE	RED			3	ACENT P	EPORT	PERCENT REPORTING THEY VOTED	Y VOTE		
CHARACTERISTIC	1872	1074	1976	1978	1980	1982	1984	1986	å	Presidential (	al election ars	6	8	Congressional	nal election	non	Pre	Presidential election years	l elections	c	8	Congressional		election
			_	-			$\rightarrow$		1972	1976	1980	1981	1974	1978	1962	1986	1972	1976	1980	1961	1074	1978	1962	1986
Total	136.2	141.3	146.5	161.6	167.1	165.5	170.0	173.9	72.3	7.88	6.69	68.3	62.2	62.6	3	64.3	63.0	59.2	59.2	68.0	44.7	46.9	4	46.0
20 years old	11.0	11.6	12.1	122	123	127	11	10.7	58.1	47.3	44.7	47.0	36.4	34.7	35.0	35.4	48.3	38.0	35.7	36.7	20.8	20.1	19.8	18.6
34 years old	56.9	28.3	21.7	8.5	35.7	38.8	50.0	41.9	689	623	950	200	25.45	200	57.1	25.0	286.7	96.0	94.6	250	37.0	38.0	44.	38.
44 years old 64 years old over years old and over	138	25.5	2202	248	24.2	25.6	24.3	27.7	78.7	75.5	75.8	76.8	73.6	74.3	75.6	74.8	929	66.7	660.3	69.6	56.9	58.5	6555 6855 8856	58.0
766	72.4	74.9	69.0	71.5	74.1	78.0	80.3	91.5	73.1	66.4	68.6	67.3	62.8	62.6	2.4	63.4	620	58.6	59.4	59.0	49.4	46.6	48.4	46.8
ck Ck paric 1	121.2	142	129.3	15.6	18.4	143.6 17.6 8.8	18.8	19.0	4884	68.3 58.5 37.8	60.0 36.3	68.3 40.1	83.45 34.95	63.8 57.1 32.9	85.6 59.1 35.3	86.3	64.5 52.1 37.4	80.9 31.8	2000	61.4	33.8	37.2	49.8 25.3	242
plon: ** **Court	3333	33.3	33.9	35.1 40.3 27.5	35.5 50.6 28.5	36.4 4.64 6.64 9.19	36.9 57.6 33.4	37.3 59.2 34.6	3363	65.9 64.6 63.2	94.8 64.8 83.8	96.6 96.9 64.7	59.8 59.8 59.8	62.3 60.1 59.1	62.5 71.1 61.7 80.6	63.0 63.0 63.0	3333	58.5 65.1 54.9 57.5	58.5 85.8 55.6	59.7 56.8 56.8	48.7 86.0 86.0 18.0	50.5 39.6 47.5	54.7 41.8 50.7	1858
nool years completed: I years or less.	28.1	24.4	24.9	23.6		22.4	20.6	19.6	61.5	2	63.0	53.4	3	53.2	52.3	50.5	47.4	4	42.6	42.9	34.4	34.6	35.7	32.7
figh school: 1-3 years 4 years	22.3	51.7	522	22.3	22.5	22.3	22.1	21.4	63.0	55.6	86.4	673	61.9	52.9	62.9	52.4	65.4	47.2	45.6	58.7	35.9	35.1	37.7	8.1
1-3 years 4 years or more	19.3	19.8	23.6	22.2	26.7	26.9	30.9	33.0	81.7	75.2	74.4	75.7	66.9	68.7	79.4	70.0	74.9	79.8	67.2	67.5	49.6	51.5	53.3	49.9
peyold beyold or beyold or	80.2	83.1	86.0	93.2	96.9	10.8	104.2	108.5	74.3	68.8	50.3	54.0	63.8	63.0	49.8	50.6	66.0	62.0	81,8	81.9	28.8	46.7	34.1	31.2

NA. Not evalable. I Hapanio persons may be of any race. I For composition of regions, see fig. I, traids front cover. Source: U.S. Bureau of the Census, Coment Population Reports, series P-20, No. 414 and earlier reports.

250 Elections

#### No. 419. PARTICIPATION IN ELECTIONS FOR PRESIDENT AND U.S. REPRESENTATIVES: 1960 TO 1986

[As of November. Estimated resident population 21 years old and over, 1980–1970, except as noted, and 16 and over thereefter, includes Armed Forces. District of Columbia is included in votes cast for President beginning 1984 and in votes cast for Representative beginning 1972]

	Resi-		VOT	ES CAST			Resi		VOT	ES CAST	
YEAR	dent popula- tion (incl. aliens) of voting age <sup>1</sup> (1,000)	For Presi- dent (1,000)	Per- cent of vot- ing- age popu- lation	For U.S. Representa- tives (1,000)	Per- cent of vot- ing- age popu- lation	YEAR	dent popula- tion (Incl. aliens) of voting age 1 (1,000)	For Presi- dent (1,000)	Per- cent of vot- ing- age popu- lation	For U.S. Representa- tives (1,000)	Per- cent of vot- ing- age popu- lation
1960	112,952 114,090 116,638 120,285 124,498	68,838 (x) 70,645 (x) 73,212 (x) 77,719	62.8 (x) 61.9 (x) 60.9 (x) 55.2	64,133 51,267 65,895 52,906 68,268 54,173 71,430	58.5 45.4 57.6 45.4 55.1 43.5 50.7	1974	152,308 158,369 164,595 169,939 174,447	(x) 81,556 (x) 86,515 (x) 92,663 (x)	(x) 53.5 (x) 52.6 (x) 53.1 (x)	52,495 74,422 55,332 77,995 64,514 83,231 59,619	35.9 48.9 34.9 47.4 38.0 47.7 33.4

X Not applicable. ¹ Population 18 and over in Georgia and Kentucky, 19 and over in Alaska and 20 and over in Hawaii, 1980-1970.

# No. 420. STATEWIDE PRIMARIES—VOTES CAST AND PERCENT OF VOTING-AGE POPULATION CASTING VOTES, SELECTED RACES: 1986

[Flaces selected are those races where the nominee received a 15 percent or less plurality over the closest opponent. Maryland was included due to the presence of two other strong candidates whose combined vote fell within 15 percent of the nominee]

STATE	Voting- age popula- tion (1,000)	Race 1	Party <sup>a</sup>	Votes cast (1,000)	Per- cent of voting- age popula- tion casting votes	STATE	Voting- age popula- tion (1,000)	Race !	Party <sup>a</sup>	Votes cast (1,000)	Per- cent of voting- age popula- tion casting votes
AL	2.949	Gov	Dem	940	31.9	М/	6,633	Gov	Rep	582	8.8
AK	373	Gov		63	17.0	MN	3,098	Gov	Dem		16.5
	712	Gov	Rep	84	22.5	NE	1,177	Gov	Dem		12.3
AZ	2,399	Gov		211	8.8	NM	1,035	Gov	Rep		8.6 3.7 9.3
	2,455	Gov		226	9.4	NY	13,472	Sen	Dem	497	3.7
CA	19,811	Sen		1,986	10.0	OH	7,891	Gov	Rep	731	9.3
CO	2,432	Gov		188	7.7	OK	2,445	Gov	Dem		21.2
FL		Gov		1,007	11.0	PA	9,023	Sen	Dem	915	10.1
IL	8,490	Sen	Rep		5.7	SC	2,467	Sen	Rep	52	2.1
KS	1,809	Gov		276	15.3	SD	509	Sen	Rep	116	22.9
		Sen		116	6.4	00	500	Gov	Dem	72	14.1
KY	2,728	Sen	Rep	42	1.5	WI	3,515	Sen	Dem	266	7.6
MD	3,333	Sen	Dem	622	18.7			A CO. COMMISSION	II Semini	-	1 7.0

<sup>&</sup>lt;sup>1</sup> Gov=governorship. Sen=senatorial. <sup>2</sup> Dem=Democratic. Rep=Republican.

Source: Committee for the Study of the American Electorate, Washington, DC, Non-Voter Study, '85-'96.

No. 421. VOTER REGISTRATION IN 11 SOUTHERN STATES, BY RACE: 1980 TO 1986
[In thousands, except percent. Covers population 18 years old and over]

YEAR AND RACE	Total	AL	AR	FL	GA	LA	MS	NC	SC	TN	TX	VA
1980: White	24,981	1,700	1,056	4,331	1,800	1,550		2,314	916	2,200	6,020	1,942
Percent of—	4,254	350	130	489	450	465	330	440	320	300	620	360
White voting age pop	71.9	81.4	76.9	67.7	63.0	74.8	98.9	70.1	58.5	78.5	75.1	62.2
Black voting age pop	55.8	55.8	57.2	58.3	48.6	60.7	62.3	51.3	53.7	64,0	56.0	53.2
1982: White	22,868	1,657	964	4,200	1,907	1,491	1,055	2,161	862	1,998	4,753	1,820
Black	4,302	437	145	500	467	468	340	436	321	310	548	330
1984: 1 White	27,999	# 1,828	a 1,097	4,983	2,102	1,701	2 1,211	2,622	1,005	2 2,217	* 7,030	3 2,203
Black	5,597	# 516	* 171	591	594	561	* 459	619	389	2 362	s 870	3 464
1986: 3 White	2 27,028	2 1,807	2 1,030	4,677	1,990	1,580	2 1,193	2,468	932	2 2,186	2 7,068	2 2,097
Black	2 5,450	2 509	2 157	576	576	551	# 450	585	371	a 358	2 875	2 442
Percent of—	1000			1	100	-	300	25.		1	-	60.3
White voting age pop	69.9	77.5	67.2	66.9	62.3	67.8	91.6	67,4	53.4	70.0	79.0	60.3
Black voting age pop	60.8	68.9	57.9	58.2	52.8	60.6	70.8	58.4	52.5	65.3	68.0	56.2

<sup>&#</sup>x27;As of October, except Arkanese se of November. \* Estimated. \* As of August.

Source: Voter Education Project, Inc., Atlanta, GA, Voter Registration in the South, semiannusis.

Source: U.S. Bureau of the Ceneus, *Current Population Reports*, series P-25, No. 948 and earlier reports; and press release (CB86-65); and Elections Research Center, Washington, DC, *America Votes*, biennial (copyright).

# D. 422. RESIDENT POPULATION OF VOTING-AGE AND PERCENT CASTING VOTES—STATES: 1976 TO 1988

November. Estimated population, 18 years old and over. includes Armed Forces stationed in each State, aliens, and institutional population, For composition of regions, see fig. I, inside front cover]

1			VOTING	AGE POPU	LATION (1	(000)				ENT CAL			ENT CAL	
						1	988, proj.	11 0	PRI	ESIDENT	IAL		ESENTA	
	1976	1980	1982	1984	1986		Perce	nt—		LEG , G ,				
						Total	Black	His- pan- ic '	1976	1980	1984	1982	1984	198
	152,308	164,595	169,939	174,467	178,482	182,628	11.2	7.1	53.5	52.6	53.1	38.0	47.7	33.
	35,354	36,287	36,903	37,522	37,997	38,402	10.1	5.7	55.2	52.9	54.6	39.7	51.1	32.
	40,248	42,194	42,670	43,180	43,610	43,952	8.9	2.3	60.0	59.7	58.9	44.7	56.0	38.
	49,113	54,556	57,235	59,297	61,060	63,032	16.9	6.2	47.2	47.3	48.6	29.4	38.6	26.
	27,592	31,558	33,132	34,469	35,815	37,242	5.2	15.9	53.2	51.7	51.9	42.1	49.3	38.
	8,711	9,144	9,333	9,559	9,738	9,919	4.0	2.4	61.4	59.8	58.7	44.8	55.5	37.
	759	811	829	854	874	893	3	.4	63.7	64.5	64.7	54.5	63.5	48.
	593	672	699	734	775	823	6	.6	57.3	57.1	53.0	38.5	50.8	31.
	337	370	382	392	402	412	3	.7	55.7	57.7	59.9	43.2	57.6	47.
	4,132	4,278	4,350	4,443	4,497	4,535	4.2	2.5	61.7	59.0	57.6	43.5	52.8	33.
	689	710	720	735	750	764	3.2	2.2	59.7	58.6	55.7	46.2	53.0	40.
	2,201	2,304	2,353	2,401	2,440	2,492	7.1	3.9	62.8	61.0	61.1	45.5	59.7	40.
	26,643	27,143	27,569	27,963	28,259	28,482	12.3	6.8	53.2	50.6	53.2	37.9	49.6	31.
	12,892	12,933	13,113	13,301	13,406	13,480	14.5	10.3	50.7	48.0	51.2	35.7	46.7	29.
	5,220	5,422	5,557	5,687	5,812	5,943	12.7	7.3	57.7	54.9	56.6	38.6	52.6	26.
	8,531	8,787	8,899	8,975	9,041	9,060	8.6	1.2	54.2	51.9	54.0	40.8	51.9	36.
	28,469	29,766	30,009	30,322	30,649	30,914	10.8	2.8	59.0	58.7	58.1	43.3	54.8	37.
	7,461	7,744	7,798	7,841	7,908	7,970	10.0	.9	55.1	55.3	58.0	42.7	55.2	38.
	3,692	3,892	3,938	3,993	4,032	4,068	7.5	1.4	60.1	57.6	55.9	45.6	54.6	38.
	7,939	8,235	8,343	6,438	8,501	8,550	14.2	6.6	59.4	57.7	57.1	43.3	54.3	35.
	6,214	6,520	6,497	6,566	6,691	6,791	13.2	1.6	58.8	60.0	57.9	43.2	52.6	34.
	3,163	3,375	3,433	3,485	3,517	3,536	3.9	1.3	66.5	67.4	63.5	42.3	59.5	39.
	11,780	12,428	12,661	12,858	12,961	13,037	4.4	1.2	62.4	62.1	60.9	48.1	58.7	43.
	2,726	2,933	3,001	3,058	3,112	3,161	1.3	.8	71.5	70.0	68.2	58.3	64.6	44.
	2,026	2,099	2,113	2,120	2,098	2,068	1.6	.9	63.1	62.8	62.2	47.5	59.8	42.
	3,408	3,578	3,635	3,708	3,766	3,821	9.7	.9	57.3	58.7	57.3	42.0	55.0	38.
	442	467	485	493	488	483	.5	.5	67.2	64.6	62.7	53.8	62.7	58.
	469	488	498	508	510	509	.4	.5	64.1	67.1	62.6	55.3	62.2	56.
	1,081	1,133	1,157	1,172	1,170	1,167	3.0	1.7	56.2	56.6	55.6	44.9	55.5	47.
	1,628	1,730	1,772	1,798	1,816	1,829	5.2	2.8	58.8	56.6	56.8	42.7	55.3	43.
	24,586 412 2,920 525 3,613 1,314 3,907 1,993 3,494 6,408	27,273 432 3,080 495 3,930 1,400 4,274 2,215 3,870 7,578	28,521 444 3,164 491 4,080 1,421 4,424 2,305 4,041 8,152	29,737 459 3,260 489 4,235 1,422 4,593 2,382 4,231 8,665	30,872 475 3,372 488 4,377 1,412 4,738 2,452 4,430 9,127	32,137 490 3,491 489 4,544 1,398 4,913 2,534 4,665 9,614	18.8 16.4 23.9 64.8 17.8 2.9 20.2 27.3 24.4 11.8	3.6 1.5 1.7 3.1 1.6 .4 .6 .6 .9 9.4	46.3 57.2 49.3 32.2 47.0 57.2 43.0 40.3 42.0 49.2	46.2 54.7 50.0 35.4 47.5 52.7 43.4 40.4 41.3 48.7	47.5 55.5 51.4 43.1 50.7 51.8 47.4 40.7 42.0 48.2	29.3 42.4 34.5 22.9 32.7 38.5 29.9 28.5 22.4	38.6 52.9 45.9 33.1 43.4 49.5 47.0 39.0 35.9	26. 33. 31. 26. 23. 28. 33. 29. 24.
	9,624 2,434 3,033 2,554 1,603	10,399 2,596 3,323 2,757 1,723	10,659 2,656 3,406 2,826 1,771	10,881 2,697 3,490 2,892 1,802	11,068 2,724 3,568 2,947 1,830	11,284 2,746 3,661 3,010 1,867	17.8 6.9 14.7 23.2 31.4	.4 .4 .5 .4	47.8 48.0 48.7 46.3 48.0	49.5 49.9 48.7 48.7 51.8	50.2 50.8 49.1 49.9 52.2	32.6 26.4 34.5 34.0 36.2	41.6 44.0 37.7 39.7 48.2	30. 23. 31. 37. 28.
	14,904	16,884	18,055	18,679	19,120	19,610	13.4	13.9	48.4	47.8	49.5	27.6	36.9	25.
	1,502	1,628	1,667	1,706	1,732	1,761	13.6	.6	51.1	51.5	51.8	45.6	27.1	38.
	2,623	2,919	3,064	3,129	3,157	3,175	27.5	2.3	48.7	53.0	54.5	16.9	20.5	12.
	1,990	2,207	2,371	2,408	2,405	2,404	6.0	2.1	54.9	52.1	52.2	36.1	46.1	30.
	8,789	10,130	10,952	11,436	11,826	12,270	11.2	21.1	46.3	44.8	47.2	26.0	40.9	25.
	6,834	8,067	8,580	8,967	9,311	9,691	2.4	12.3	55.8	53.9	52.8	41.6	50.5	40.
	519	560	579	591	588	586	2	1.2	63.3	65.0	65.0	54.7	62.8	54.
	567	646	668	686	693	701	5	4.0	60.7	67.7	59.9	48.0	59.0	54.
	267	332	355	354	352	351	.7	4.9	58.6	53.2	53.3	44.9	53.1	45.
	1,838	2,123	2,268	2,353	2,414	2,489	3.6	10.6	58.8	55.8	55.0	41.7	53.0	42.
	783	900	957	1,002	1,045	1,101	1.6	36.0	53.4	50.8	51.3	41.3	49.9	36.
	1,611	1,970	2,116	2,268	2,437	2,605	2.4	14.5	46.1	44.4	45.2	33.6	41.6	33.
	791	935	985	1,023	1,051	1,078	7	4.2	68.4	64.6	61.6	49.7	58.8	40.
	457	602	652	691	732	780	5.9	7.3	44.2	41.2	41.6	35.9	39.2	35.
	20,758	23,491	24,553	25,502	26,504	27,552	6.2	17.2	52.4	51.0	51.6	42.3	48.8	37.
	2,601	3,040	3,143	3,228	3,323	3,417	2.3	3.0	59.8	57.3	58.4	41.6	56.0	39.
	1,679	1,929	1,955	1,984	2,018	2,051	1.4	2.6	61.3	61.2	61.9	51.9	60.6	51.
	15,598	17,548	18,408	19,181	20,015	20,875	7.5	21.6	50.4	48.9	49.6	41.2	46.7	36.
	257	277	318	351	366	385	3.3	2.2	48.1	57.3	59.3	57.0	58.8	49.
	624	697	729	758	784	824	1.8	6.3	46.7	43.5	44.3	40.9	36.4	42.

nic persons may be of any race. <sup>3</sup> State law does not require tabulation of votes for unopposed candidates. Compiled by U.S. Bureau of the Census, Population Reports, 15, No. 948 and forthcoming report; votes cast from Elections Research Center, Washington, DC, America Votes, Versia

252 Elections

# No. 423. VOTER REGISTRATION—REGISTERED VOTERS, 1980 TO 1986, AND REGISTRATION DEADLINES AND RESIDENCY REQUIREMENTS, 1986

[Registration figures are based on final and official registration statistics provided by Secretaries of State and State Registrars. The accuracy of registration figures varies according to the stringency of purps conducted in each State and locality. There is, therefore, some inflation in these figures, although the trends between years are largely to be accounted.

	198	10	198	14				1986	1			
				1				Register	ed vote	5	Votes	cast *
		Per- cent		Per- cent			Tota	13	Stoll			
STATE	Registered voters (1,000)	regis- tered of voting age popu- lation	Registered voters (1,000)	regis- tered of voting age popu- lation	Registration dead- line 1	Residency require- ment *	Number (1,000)	Per- cent of vot- ing- age popu- lation	Demo- crats, per- cent of total regis- tered	Republicans, percent of total registered	Num- ber (1,000)	Per- cent of regis- tered voters
U.S		169.8	126,997	*72.8	(X)	(X)	121,089	67.9	(NA)	(NA)	64,803	53.
AL	2,132	77.4	2,343	81.0		G	2,362	80.1	(NA) 22.3	(NA) 21.0	1,236	52.3
AK	259	94.0	305	87.7	D	н	292	78.4		21.0	181	61.5
AZ	1,121	57.1	1,463	64.8	D	H	1,598	66.6	43.0	45.4	867	54.3
AR		72.9	1,268	74.4	C	E	1,189	68.8	(NA) 50.8	(NA) 38.3	695	58.
CA		64.8	13,074	68.5	C	G	12,834	64.8	50.8	38.3	7,444	58.0
CO	1.434	67.6	1,621	69.1	C	H	1,822	74.9	31.0	33.1	1,061	58.
CT		74.1	1,806	75.0	Č	F	1,673	68.4	40.1	26.6	994	59.
DE	301	69.7	314	68.6	č	-	296	63.2	44.5	34.6	161	54.
DC		58.5	275	56.3	DOCCOOD	5	282	58.4	80.2	8.1	132	46.7
FL	4,810	63.6	5,574	64.6	Ď	HWGILWII	5,631	61.8	57.1	36.2	3,430	60.9
GA	2,377	61,4	2,732	64.6	D	F	2,576	58.5	(NA)	(NA)	1,225	47.6
HI	403	57.9	419	55.3	Ď	E	420	53.7	(NA)	(NA)	334	79.6
D	581	90.1	582	55.3 84.5	, P	Ë	550	78.0	(NA)	(NA)	387	70.4
L	6.230	75.7	6,470	76.7	2		6,004	70.7		(max)		52
	2,944				Č	H			(NA)	(NA)	3,144	
		75.7	3,054	76.4	C		2,878	71.4	(NA) 35.3	(NA)	1,556	54.0
A	1,717	81.9	1,729	81.5	В	E	1,622	76.7	35,3	31.2	911	56.2
KS		74.7	1,291	72.1	C	G	1,173	64.8	29.1	41.2	841	71.
KY		67.8	2,023	75.0	D	H	1,999	73.3	68.1	28.7	677	33.9
LA ME	2,015 760	69.1 93.8	2,262	72.4	DDBCCBCCCA	HEGHEE	2,179 790	68.4 90.4	78.2 (NA)	13.5 (NA)	1,370	62.9 54.0
	3.00	10.30	100	200	1.0		750					200
MD	2,065	67.0	2,253	69.1	000	FFEGIE	2,140	64.2	67.4	25.1	1,113	52.0
MA	3,153	73.7	3,254	73.0	C	F	3,006	66.4	(NA)	(NA)	1,684	56.0
MI	5,726	87.7	5,889	89.4	D	E	5,791	87.3	(NA)	(NA)	2,397	41.4
MN	2,353	80.3	2,893	94.9	A	G	2,615	84.4	(NA)	(NA)	1,416	31.
MS	1,482	86.1	1,670	92.6	D	H	1,652	90.1	(NA)	(NA)	524	31.7
MO	2.841	79.5	2,969	80.3	Č	E	2,769	74.0	(NA)	(NA)	1,477	53.3
MT	496	88.7	527	89.6	Ď	ū	444	74.6	(NA)	(NA)	318	71.6
NE	856	75.8	903	77.2	8	H	850	72.2	42.3	51.2	564	66.
NV	297	49.4	356	52.0	Ď	H	368	50.8	50.0	42.9	262	71.
NH	523	77.9	544	74.1	В	G	551	72.1	30.4	36,7	251	45.6
	2757	10000	10000	74.1			7,520,	121	30.4	30.7	1	45.0
NJ	3,766	69.5	4,073	71.3	C	н	3,777	65.0	(NA)	(NA)	1,554	41.
NM	653	72.6	651	65.4	D	E	633	61.1	(NA)	(NA)	395 4,294	62.4
NY	7,898	61.1	9,044	67.7	D	н	8,071	59.9	(NA)	(NA)	4,294	53.2
NC	2,775	65.0	3,271	71.1	C	H	3,081	64.9	68,6	27.2	1,591	51.6
ND	(6)	(6)	(0)	(*)	(4)	(6)	(6)	(6)	(0)	(0)	289	(x
OH	5,887	76.1	6,358	80.9	(9)	(°) H E G	5,987	75.9	(NA)	(NA)	3,121	52.
OK	1,458	66.2	1,950	81.2	8	F	2,018	82.6	67.1	(NA) 30.3	910	45.1
OR	1,569	81.4	1,609	80.8	8	ā	1,502	74.5	48.5	39.1	1,060	70.5
PA	5,754	65.5	6,194	68.9	Ď	H	5,847	64.8	53.5	41,4	3,388	57.5
RI	531	74.9	542	73.5	Ď	H	525	70.0	(NA)	(NA)	323	61.5
sc	1,236	55.8	1,396	58.4	D	н	1,299	52.6	(NA)	(NA)	754	58.0
SD	448	91.9	443	87.9	č	Ë	428	84.1	43.1	48.8	296	69.
TN	2,149	64.6	2,580	73.9	Ď	5	2,446	68.6		(NA)	1,210	49.5
TX	6,149	04.0			0	GHH	2,446		(NA)			
	6,640	65.6	7,900	69.2	D	H	7,287	61.3	(NA)	(NA)	3,441	47.3
UT	782	83.3	840	82.1	C	н	763	72.1	(NA)	(NA)	435	57.0
VT	312	84.3	322	82.2	C	E	328	81.7	(NA)	(NA)	197	60.0
VA	2,302	58.7	2,552	60.2	D	E	2,610	59.6	(NA)	(NA)	1,043	40.0
WA	2,182	71.9	2,458	76.1	D	H	2,230	67.2	(NA)	(NA)	1,337	60.0
WV	1,035	74.0	1,025	71.6	D	H	946	65.9	66.8	31.0	396	41.6
WI		(7)	(7)	m	A	G					1.527	Iv
WY	219	66.1	240	67.8	A	F	235	65.4	32.8	57.6	165	70.0
	10	00.1	240	01.0	D		235	05.4	32.0	37.0	100	10.0

NA Not available. X Not applicable. ¹A—Election day registration. B=Registration closes 10 days or less before election. C—Registration closes 11-29 days before election. D=Registration closes 30 or more days before election. ²E—No residency requirement, F—Yoter must be bonsitide resident (no time requirement). G—Residency for 10-29 days before election required. \*Includes voters registered with other parties and with no party (independents), not shown separately. \*Number shown represents the highest number of votes cast for the Senstantial election, the gubernstorial election or all races for the U.S. House of Representatives. \*Estimate based on actual registration statistics from the States which tesp registration records. Percentages are the actual percentages of the voting age population who registered in the States, for which actual registration figures are available. The estimates are derived by applying that percentage to the national voting age population figure. \*North Dakota does not require registration. \*No states/days registration.

Source: Committee for the Study of the American Electorate, Washington, DC, Non-Voter Study, '80-'81, '84-'85, and '85-'87.

## NO. 424. PRESIDENTIAL CAMPAIGN FINANCES—PRIMARY CAMPAIGN RECEIPTS AND DISBURSEMENTS AND FEDERAL FUNDS FOR GENERAL ELECTION: 1979–1980 AND 1983–1984

(in millions of dollars. Covers campaign finance activity during 2 year calendar period indicated. Based on disclosure documents submitted by candidates, their principal campaign committees, and other submittees fragmes adjusted to eliminate relunds and rebases, refunded contributions, loan repayments, and transfers to or millitested committees.

			PRIMARY	CAMPAIG	N		GENERAL I		NET FEDERAL FU	NOS
RECEIPTS AND DISSURGEMENTS		1979-190	10 1		1983-196	4 2	1979-19	86	1983-19	94
	Total	Demo- cratic	Republi- cen	Total *	Demo- cratic	Republi- cen	Candidate	Amount	Candidate	Amount
Receipts, total 4		38.6	50.8	106.0	77.5		Total		Total Mondale	<b>60.8</b> 40.4
contributions Federal matching funds Disbursements		23.9 10.3 35.6	37.1 20.5 58.7	62.8 34.9 103.6	46.2 24.6 77.4	16.4 10.1 25.9	Certer Reagan	29.4 29.2	Reagen	40.4

<sup>&</sup>lt;sup>1</sup> Covers 10 candidates who received Federal matching funds (Democrats: Edmund Brown, James Carter, Edward Kennedy, and Lyndon LaRoucher, Republicans: John Anderson, Howard Balar, George Bush, Phillip Crane, Robert Dole, and Ronald Reegan). <sup>2</sup> Covers 11 candidates who received Federal matching funds (Democrats: Renn Astew, Alan Cranston, John Glenn, Gary Hart, Ernest Hollings, Jesse Jackson, Lyndon LaRouche, George McGovern and Walter Mondale; Republican: Ronald Reegan; Citizans Party; Sonis Johnson). <sup>2</sup> Includes Citizans Party candidate not shown separately. <sup>3</sup> Lotudes other types of receipts for the Anderson campaign, including Federal funds, were 17.6 million dollars and total expenditures were 15.6 million dollars. Source: U.S. Federal Election Commission, FEC Reports on Financial Activity, 1979–1992, Final Report. Presidential Pre-Nomination Campaigns, October 1981; November 15, 1981 press release on public financing 1986 Presidential election; and FEC Reports on Financing Activity, 1983–84, Final Report: Presidential Pre-Nomination Campaigns, April 1983; June 4, 1986 press release on final 1984 Presidential statistical report.

# No. 425. Independent Expenditures for Presidential and Congressional Campaigns: 1979-1980 to 1985-1986

[In thousands of dollars, Covers campaign finance activity during 2 year calendar period indicated. An "independent expenditure" is money spent to support or defeat a clearly identified candidate. According to Federal election law, such an expenditure must be made without cooperation or consultation with the candidate or his/her campaign. Independent expenditures are not limited as are contributions)

		LL PARTI	E8	DEMC	CRATS	REPU	ILICANS	oπ	ÆRS.
TYPE OF OFFICE	Total	For	Against	For	Against	For	Against	For	Ageinet
1979-1998, total	16,084 13,745 2,339 1,854 685	13,863 12,933 961 359 602	2,191 813 1,378 1,295 83	441 123 318 127 191	2,857 737 1,321 1,283 39	13,189 12,538 642 232 410	123 65 58 12 45	272 272 (X) (X)	11 23 23 23
1963-1984, total President Congress Senste House of Representatives	23,419 17,465 5,951 4,627 1,325	19,961 16,637 3,313 2,134 1,160	2,463 831 2,838 2,493 145	1,863 806 867 326 581	1,015 487 528 410 118	18,257 15,830 2,427 1,806 619	2,463 344 2,109 2,082 27	(A) (A) (A) (A) (A) (A) (A) (A) (A) (A)	<u> </u>
1983-1998, total 1	8,766 4,673 4,035	7,460 3,765 3,665	1,250 008 351	3,883 980 2,373	829 598 230	4,110 2,805 1,305	430 310 120	må	(X) (N) (X) (X)

NA Not available. Z Less than \$500. Excludes some independent expenditures made for and against Presidential candidates that were paid in 1985-86 but related to 1983-84 elections.

NO. 426. POLITICAL ACTION COMMITTEES—NUMBER BY COMMITTEE TYPE: 1974 TO 1986
[As of December 31, except 1975 as of November 24]

YEAR	Total	Cor- porate	Labor	Trade/ mem- bership/ health	Non- con- nected	Coop- erative	Corporation without stock
1974 1975 1976	608 722 1,148	89 139 433	201 226 224		31 35 48	57	
1977	1,360	550 785 950 1,208	234 217 240 297	438 453 514 578	110 162 247 374	8 12 17 42	2V 24 32 58
1981	2 525	1,329 1,469 1,538 1,662 1,710 1,744	318 380 378 394 386 36A	614 649 643 686 695 745	531 723 793 1,053 1,003 1,003	41 47 51 52 54 58	68 103 122 130 142 151

Source: U.S. Federal Election Commission, 1979-80 FEC Index of Independent Expenditures, November 1981; 1983-1984 FEC Index of Independent Expenditures, July 1985; 1985-86 data, unpublished.

254 Elections

No. 427. CONTRIBUTIONS TO CONGRESSIONAL CAMPAIGNS BY POLITICAL ACTION COMMITTEES (PAC)
BY TYPE OF COMMITTEE: 1979 TO 1986

[in millions of dollars. Covers amounts given to candidates in primary, general, run-off, and special elections during the two-year calendar period indicated]

		HOL	BE OF F	EPRESENT/	TIVES					EMATE		
TYPE OF COMMITTEE	Total	Demo- crats	Rédi- publi- cans	Incum- bents	Chair leng- ers	Open seets 1	Total	Demo- crate	Re- publi- cens	Incum- bents	di lenge Chilenge	Open seets '
1979-1980, total *	37.9	20.5	17.2	24.9	7.9	5.1	17.3	8.4	9.0	8.8	6.6	2.1
Corporate Trade association *	12.2 11.7	4.8 5.1	7.5 6.6	8.1 6.0	2.6 2.2	1.5 1.5	6.9 4.1	2.1 1.9	4.8 2.2	2.7	3.3 1.4	.9 .5
Labor	9.4	8.9	.4	8.6	1.5	1.2	3.6	3.4	2.2 A	2.2 2.7	1.7	.5
Non-connected 4	3.1	.9	21	1.0	1.4	7.7	1.9	.5	1,7	.5	1.1	.3
1961-1982, total <sup>2</sup>	61.1	34.2	20.5	49.6	10.8	8.4 2.6 2.3 2.6	22.6	11.2	11.4	14.3	5.2	3.0
Corporate	18.9	7.0	12.0	14.4	2.0	2.6	8.6	2.4	6.2	5.5	1.7	1.4
Trade association *	16.8	7.2	9.7	12.4	2.1	2.3	5.0	2.2	2.8	3.7	.8	.5 .5
Labor	15.4	14.7	.7	8.5	4.3	2.6	4.9		.4	3.0	1.3	.5
Non-connected 4	7.4	3.9	3.5	3.4	2.5	1.6	3.3	1.6	1.7	1.5	1.3	.5
1983-1984, total <sup>1</sup>		46.3	29.3	57.2	11.3	7.2	29.7	14.3	19.0	17.9	u	8.4
Corporate	23.4	10.4	13.1	18.8	2.6	2.0	12.0	3.2 2.7	8.8	8.8	1.1	2.2 1.0
Trade association *		10.5	9.9	16.5	21	1.7	6.3	2.7	3.7	4.5	.9	1.0
Labor	19.6	18.8	1.0	14.3	3.5	2.0	5.0	4.7	.3	1.6	2.3	1.2
Non-connected 4	9.1	4.7	4.4	4.9	2.9	1.3	5.4	3.0	2.4	2.4	2.0	1.0
1985-1990, total *	67.2	54.6	32.5	90.5	9.1	12.3	45.0	20.0	25.0	22.6	10.1	11.3
Corporate		12.8	14.0	22.8	1.0	3.0	19.1	4.8	14.4	11.7	2.6	4.8
Trade association 3		12.2	11.1	19.3	1.3	2.8	9.4	3.7	5.7	5.7	1.6	2.1
Labor	22.6	21.0	1.6	14.7	4.3	3.6	7.2		.6	2.2	3.1	1.9
Non-connected 4	11.1	6.6	4.5	6.1	2.6	2.6	7.6	4.2	3.4	3.1	2.4	2.1

Elections in which an incumbent did not seek re-election.
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#### No. 426. Congressional Campaign Finances—Receipts and Disbursements: 1981 to 1986

[Covers all campaign finance activity during 2 year calendar period indicated for primary, general, run-off, and special elections. For 1991–1992 relates to 1,957 House of Representatives candidates and to 283 Senate candidates, for 1993–1994 to 1,782 House of Representatives candidates and 254 Senate candidates. Data have been adjusted to eliminate transfers between all committees within a campaign]

		HOUS	E OF REP	RESENTA	TIVES				8EH	MTE		
ITEM	Amo	unt (mil.	dol.)	Perce	nt distrit	oution	Amo	unt (mil.	dol.)	Perci	ent dietrit	ution
	1661-	1983-	1985-	1561-	1983-	1983-	1981-	1985-	1983-	1981-	1983-	1983-
	1962	1984	1986	1982	1984	1980	1982	1984	1986	1982	1984	1982
Total receipts 1	213.2	222.5	267.4	160.0	100.8	100.0	141.5	174.7	214.0	105.0	100.8	100.0
Contributions: \$500 and over Party committee Non-party committee		37.5 5.5 75.7	(NA) 3.7 87.2	15.9 2.8 26.6	16.8 2.5 34.0	(NA) 1.4 33.9	36.6 1.2 22.6	44.0 1.1 29.7	(NA) 1.4 45.0	25.9 .8 15.9	25.2 .6 17.0	(M) 21.0
Democrats	108.8	121.4	139.5	51.1	54.6	54.2	<b>89</b> .0	64.2	91.8	48.8	48.2	42.8
	104.1	100.5	117.6	48.8	45.2	45.7	72.1	90.3	122.2	51.0	51.7	57.1
	.3	.5	.3	.1	.2	.1	.4	.2	(Z)	.3	.1	(Z)
Incumbents	110.6	132.4	149.6	51.9	59.5	58.1	55.1	74.8	90.3	38.9	42.8	42.2
	53.7	55.5	49.1	25.2	25.0	19.1	48.0	38.9	68.9	33.9	22.3	31.3
	48.9	34.6	58.4	22.9	15.5	22.7	38.4	61.0	56.7	27.1	34.9	26.5
Total disbursements	204.0	203.6	230.0	100.0	100.0	100.0	138.4	170.5	211.1	105.0	100.0	100.0
Democrats	103.1	111.0	128.4	50.5	54.5	53.7	65.9	82.0	68.9	48.3	48.1	42.1
	100.6	91.8	110.3	49.3	45.1	48.2	71.1	68.3	122.1	51.4	51.6	57.9
	.3	.7	.3	.2	.3	.1	.4	.2	(z)	.3	.1	(Z)
Incumbents	102.6	114.9	132.4	50.3	56.5	55.4	52.9	72.1	89.2	36.2	42.3	42.3
	53.1	54.7	49.8	28.1	28.9	20.4	47.6	36.3	66.0	34.4	22.5	31.3
	49.2	33.9	57.5	23.8	18.7	24.1	37.9	60.1	55.8	27.4	36.3	28.5

NA Not available. Z Less then \$100,000. I includes other types of receipts, not shown separately. Blactions in which an incumbent did not seek re-election.

Source: U.S. Federal Election Commission, FEC Reports on Financial Activity, 1979–1980, Final Report, U.S. Senate and House Campaigns, March 1982; FEC Reports on Financial Activity, 1981–1982, Final Report, U.S. Senate and House Campaigns, October 1985; FEC Reports on Financial Activity, 1983–1984, Final Report, U.S. Senate and House Campaigns, November 1985; and FEC press release May 21, 1987.

Source: U.S. Federal Election Commission, FEC Reports on Financial Activity, 1981–1982, Final Report, U.S. Senate and House Campaigns, October 1983, FEC Reports on Financial Activity, 1983–84, Final Report, U.S. Senate and House Campaigns, November 1985; and FEC press release May 21, 1987.



Section 9

# State and Local Government Finances and Employment

This section presents data on revenues, expenditures, debt, and government employment of State and local governments. Nationwide statistics relating to State and local governments, their numbers, finances, and employment, are compiled primarily by the Bureau of the Census through a program of censuses and surveys. Every fifth year (for years ending in "2" and "7") the Bureau conducts a Census of Governments involving collection of data for all governmental units in the United States. In addition, the Bureau conducts annual surveys which cover all the State governments and a sample of local governments.

Publications issued annually by the Bureau of the Census include a report on governmental finances which presents figures for the Federal Government, nationwide totals for State and local governments, by type, and State-local data by States. Also issued annually are a series of publications on State, city, county, and school finances, and on city, county, and other public employment. Financial data are published in the GF publication series; employment data in the GE series. There is also a series of quarterly reports covering tax revenue, and of finances of major public employee retirement systems, as well as a series (GSS) of special studies. Recurrent Publications on Governments describes the publication program.

Basic information for Census Bureau statistics on governments is obtained by mail canvass from State and local officials; however, financial data for each of the State governments and for many of the large local governments are compiled from their official records and reports by Census Bureau personnel. In over half of the States, all or part of local government financial data are obtained through central collection arrangements with State governments. Financial data on the Federal Government is based on the Budget published by the Office of Management and Budget (see page 289).

Governmental units.—The governmental structure of the United States includes, in addition to the Federal Government and the States, thousands of local governments—counties, municipalities, townships, school districts, and numerous kinds of "special districts." As shown by table 429, almost 83,200 local governments were identified by the 1987 Census of Governments. As defined by the census, governmental units include all agencies or bodies having an organized existence, governmental character, and substantial autonomy. While most of these governments can impose taxes, many of the special districts—such as independent public housing authorities, the New York Port Authority, and numerous local irrigation, power, and other types of districts—are financed from rentals, charges for services, benefit assessments, grants from other governments. toll charges, and other nontax sources. The count of governments excludes semi-autonomous agencies through which States, cities, and counties sometimes provide for certain functions—for example, "dependent" school systems, State institutions of higher education, and certain other "authorities" and special agencies which are under the administrative or fiscal control of an established governmental unit.

Finances.—Unless otherwise stated, financial data relate to fiscal years ending in the year shown. Most States end their fiscal year June 30; however Alabama and Michigan end their fiscal years Sept. 30; New York, March 31; and Texas, Aug. 31. The Federal Government ended the fiscal year June 30 until 1976 when its fiscal year, by an act of Congress, was revised to extend from Oct. 1 to Sept. 30. A three-month quarter (July 1 to Sept. 30, 1976) bridged the transition. Beginning 1963, local government figures are for fiscal years which close at various dates during the 12 months ended June 30 of the year specified (exceptions are school districts in Alabama, which close Sept. 30 of the specified year; school districts in Texas, which close Aug. 31 of year cited; and Washington, DC which ends its fiscal year Sept. 30); figures for 1982 and earlier years are for fiscal years ended during the calendar year.

Nationwide government finance statistics have been classified and presented in terms of uniform concepts and categories, rather than according to the highly diverse terminology, organization, and fund structure utilized by individual governments. Accordingly, financial statistics which appear here for the Federal Government and for individual States or local governments have been standardized and may not agree directly with figures appearing in the original sources.

Statistics on governmental finances distinguish among general government, utilities, liquor stores, and insurance trusts. General government comprises all activities except utilities, liquor stores, and insurance trusts. Utilities include government water supply, electric light and power, gas supply, and transit systems. Liquor stores are operated by 17 States and by local governments in six States. Insurance trusts relate to employee retirement, unemployment compensation, and other social insurance systems administered by the Federal, State, and local governments.

Data for cities relate only to municipal corporations and their dependent agencies, and do not include amounts for other local governments overlying city areas. Therefore, expenditure figures for "education" do not include spending by the separate school districts which administer public schools within most municipal areas. Variations in the assignment of governmental responsibility for public assistance, health, hospitals, public housing, and other functions to a lesser degree also have an important effect upon reported amounts of city expenditure, revenue, and debt. Therefore, any intercity comparisons based upon these figures should be made with caution, and with due recognition of variations that exist among urban areas in the relative role of the municipal corporation.

Employment and payrolts.—These data are based mainly on mail canvassing of State and local governments. Payroll includes all salaries, wages, and individual fee payments for the month specified, and employment relates to all persons on governmental payrolls during a pay period of the month covered—including paid officials, temporary help, and (unless otherwise specified) part-time as well as full-time personnel. Figures shown for individual governments cover major dependent agencies such as institutions of higher education, as well as the basic central departments and agencies of the government.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross- references, where applicable, to Historical Statistics of the United States, Colonial Times to 1970. See Appendix IV.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986*. For cross-references, see Appendix V.

No. 429. Number of Governmental Units, by Type of Government: 1942 to 1987
[See text, section 9]

TYPE OF GOVERNMENT	1942	1982 1	1967 1	1982	1967	1972	1977	1902	1967
Total	155,116	116,807	102,302	91,237	61,250	70,200	79,913	61,831	83,217
U.S. Government		1	1	1	1	1	1	1	1
State government	. 48	50	50	50	50	50	50	50	50
Local governments		166,756	102,341	91,166	81,246	78,216	79,862	61,790	83,160
County	3,050	3,052	3.060	3.043	3,049	3,044	3,042	3,041	3,042
Municipal		16,807	17.215	18,000	18,048	18,517	18,862	19,076	19,205
Township and town		17,202	17,196	17.142	17,105	16,991	16.822	16,734	16,691
School district		67,355	50.454	34,676	21,782	15,761	15,174	14,851	14,741
Special district		12,340	14,424	18.323	21.264	23.865	25,982	26.076	29,48

<sup>&</sup>lt;sup>3</sup> Adjusted to include units in Alaska and Hawaii which adopted statehood in 1959.

Source: U.S. Bureau of the Census, Census of Governments: 1987, vol. 1, No. 1, Governmental Organization, 1982, vol. 6, No. 4, Historical Statistics on Governmental Finances and Employment (GC82(6)-4), and Government Units in 1887, Preliminary Report, No. 1, 1987 Census of Government

#### . 430. ALL GOVERNMENTS-REVENUE, EXPENDITURE, AND DEBT: 1970 TO 1985

ears ending in year shown; see text, section 9. Local government amounts are estimates subject to sampling appendix III and source. See also Historical Statistics, Colonial Times to 1970, series Y 505-637 and Y 652-848

	All	FEDER	RAL I	STA	(bil. dol.	OCAL.	AN	CHANGE	ACENT	PE	(dollars)	
YEAR	govern- ments (bil. dol.)	Total (bil. dol.)	Per- cent of total	Total	State	Local	Fed- eral	State	Local	Total	Fed- eral	State and local
	\$ 334 \$ 932 \$ 1,307 \$ 1,418	206 565 754 807	61.7 60.6 57.7 56.9	\$ 150 \$ 452 \$ 652 \$ 720	89 277 397 439	89 258 366 402	7.5 10.6 7.5 7.0	10.4 12.0 9.4 10.6	9.2 11.2 9.1 9.8	1,642 4,116 5,537 5,941	1,011 2,497 3,193 3,379	739 1,994 2,761 3,014
tat: 1970	(x) (x) (x)	2 2 2	(X) (X) (X) (X)	\$ 22 \$ 83 \$ 97 \$ 106	20 64 81 90	30 102 127 138	(X) (X)	11.1 12.3 6.1 11.1	11.6 13.0 5.6 8.7	(x) (x) (x)	8 7 8	108 367 410 445
ources:	272 717 975 1,050	164 417 530 559	60.3 58.2 54.4 53.2	109 299 446 492	58 169 249 275	51 130 197 216	6.5 9.8 6.2 5.5	10.7 11.3 10.2 10.4	8.3 9.8 11.0 9.6	1,342 3,164 4,130 4,398	805 1,843 2,242 2,339	536 1,321 1,888 2,059
0	233 574 735 804	146 351 415 454	62.7 61.1 56.5 56.5	87 223 320 350	48 137 197 215	39 87 123 134	6.6 9.2 4.3 9.4	10.3 11.1 9.5 9.1	8.0 8.4 9.0 8.9	1,146 2,535 3,112 3,367	719 1,549 1,757 1,902	427 987 1,356 1,465
970	34 68 96 104	1	8888	34 68 96 104	1 3 4 4	33 66 93 100	2	11.6 7.5	7.5 7.2 9.0 7.5	168 302 408 435	133	168 302 408 435
ncome: 1970 .	101 286 361 401	90 244 296 331	89.1 85.3 82.0 82.5	11 42 65 70	9 37 59 64	2 5 6 6	8.2 10.5 4.9 11.8	16.2 15.2 12.4 8.5	7.2 9.6 4.7	498 1,263 1,527 1,680	1,078 1,253 1,386	53 186 273 294
income:	37 78 74 80	33 65 57 61	89.2 83.3 77.0 76.3	13 17 19	13 16 18	(*)	4.6 7.0 -3.2 7.0	14.9 12.5 5.3 12.5	(X) (Z) (Z)	180 344 313 337	162 285 241 257	18 59 73 80
gross re-	49 112 127 175	† 18 † 32 † 49 † 49	36.7 28.6 38.6 28.0	30 80 114 126	27 68 96 105	3 12 18 21	3.3 5.9 11.2	9.4 9.7 9.0 9.4	11.6 14.9 10.7 16.7	239 494 692 735	7 90 7 141 7 209 7 206	149 353 483 529
ges and mis- : 1970	39 142 240 246	17 67 114 104	43.6 47.2 47.5 42.3	22 75 126 141	9 33 53 61	13 44 73 82	5.4 14.7 14.2 -8.8	11.6 13.9 12.6 15.1	10.0 13.0 13.5 12.3	195 629 1,018 1,031	86 294 485 437	109 335 532 594
1970	* 333 * 959 * 1,428 * 1,581	208 617 928 1,032	62.5 64.3 65.0 65.3	* 148 * 434 * 601 * 658	85 258 352 391	93 261 359 391	7.9 11.5 10.7 11.2	10.3 11.7 8.1 11.1	8.8 10.9 8.3 8.9	1,638 4,232 6,047 6,622	1,024 2,725 3,930 4,323	728 1,916 2,543 2,756
ntal: 1970	(x) (x) (x) (x)	23 91 99 107	8888	*2 *2 *2	29 85 108 122	1 2 4 4	12.6 14.7 2.1 8.1	12.4 11.4 6.2 13.0	7.2 18.9	SSSS	114 401 419 449	8 7 8
	333 959 1,428 1,581	185 526 829 925	55.6 54.8 58.1 58.5	148 432 599 656	56 173 243 269	92 259 356 387	7.5 11.0 12.0 11.6	9.8 11.9 8.9 10.7	9.0 10.9 8.3 8.7	1,638 4,232 6,047 6,622	910 2,324 3,511 3,874	728 1,909 2,536 2,748
ation: 1970	197 517 759 833	99 209 325 360	50.3 40.4 42.8 43.2	98 308 434 472	31 108 157 172	67 200 277 300	8.2 7.8 11.7 10.8	12.0 13.3 9.8 9.6	9.5 11.6 8.5 8.3	969 2,283 3,212 3,488	488 924 1,376 1,509	1,359 1,836 1,979
y: 1970	48 99 143 157	18 36 72 77	37.5 36.4 50.3 49.0	30 63 71 80	13 23 25 31	16 40 45 49	.6 7.2 18.9 6.9	6.4 5.9 2.1 24.0	7.2 9.6 3.0 8.9	234 439 606 657	88 161 307 323	146 278 299 335
ig: * 1970	514 1,250 2,083 2,396	371 914 1,577 1,827	72.2 73.1 75.7 76.3	144 336 506 569	42 122 186 212	102 214 320 357	2.6 9.4 14.6 15.9	8.3 11.3 11.1 14.0	7.2 7.7 10.6 11.6	2,531 5,518 8,821 10,036	1,825 4,037 6,677 7,655	706 1,482 2,144 2,381

i zero. X Not applicable. Z Rounds to zero. ¹ Data adjusted to system for reporting State and local ore differ from figures in section 10 tables. ² Represents average for period of intervals shown; for 1970, 800. For explanation, see Guide to Tabular Presentation. Minus sign (\_\_\_\_) indicates decrease. ² Based on resident population enumerated as of April 1, 1970, and 1980 nt population enumerated as of April 1, 1970, and 1980 nt population enumerated as of April 1, 1970, and 1980 nt population enumerated as of April 1, 1980. Excludes intergovernmental amounts. ¹ Includes other amounts, rately. ² Duplicative intergovernmental transactions are excluded. ⁴ Minor amounts included in individual ¹ Includes customs. ² End of fiscal year.

Sureau of the Census, Census of Governments: 1977 and 1982, Historical Statistics on Governmental Finances (GC 77(6)-4 and 82(6)-4); and Governmental Finances, series GF No. 5, annual.

No. 431. ALL GOVERNMENTS-REVENUE AND EXPENDITURE, BY LEVEL OF GOVERNMENT: 1986

[For flecal year ending in year shown, see text, section 9. Local government amounts are estimates subject to sampling variation; see source and Appendix III. See also Historical Statistics, Colonial Times to 1970, series Y 505-637 and Y 652-848]

SOURCE OF REVENUE AND TYPE OF	All govern-	Federal	State	Local	PERC	ENT	PER CA	APITA I
EXPENDITURE	ments (mil. dol.)	(mil. dol.)	(mil. dol.)	(mil. dol.)	Fed- eral	State and local	Fed- eral	State and local
Revenue	2 1,418,328	806,808	438,963	2 402,479	100.0	100.0	3,379	3,014
Intergovernment revenue	(2)	1,931	89,887	138,104 264,374	.2	14.8	8	445
Revenue from own sources	1,418,328	804,877	349,077	264,374	99.8	85.2	3,371	2,570
Percent of total revenue	1,050,000	558,518 69.2	275,468 62.8	216,014	69.2	68.3	2,339	2,059
Taxes 3	803.830	454,037	215 320	194 479	56.3	(x) 48.6	1,902	1,46
Property	103,757	(x)	3,984	99,772	41.0	14.4	1,386	43
Individual income	401,015 80,489	330,918 61,331	63,644 17,637	6,453 1,521	41.0 7.6	9.7	1,386	29
Sales and gross receipts	175,440	49,159	105,325	20,956	6.1	17.5	206	52
Customs duties	12.176	12,176	(x) 69,629	(x)	1.5	(x)	51	(X
General sales and gross receipts	84,292	36,983	69,629	14,663	(x) 4.6	11.7	(x) 155	35: 17
Selective sales and gross receipts 3	78,972 25,252		35,695 13,352	6,293 286		5.8	155	170
Motor fuel	8,662	11,614 5,376	3,031	255	1.4	1.9	23	5
Tobacco products	8.926	4.483	4,247	195	.6	.6	19	15
Public utilities Motor vehicle and operators' licenses	14,945	4,898	6,203	3,845	.6	1.4	21	4
Death and gift	8,177 8,750	6,422	7,659 2,328	518	(x) .8	1.1	(x) 27	42 34 10
Charges and misc. general revenue 3	246,170	104,481	60,148	81,541	12.9	19.7	438	593
Current charges 3	135,407	60,992	27,590	46,825	7.6	10.3	255	312
relations	6,600	6,600	(4)	(x)	.8	(41	28	
Postal service	26,805	26,805	(x) (x) 15,664	(x)	3.3	(x) (x) 3.0	112	(x 92
Education	21.936	-	15,664	6,272		3.0		9
School lunch sales Higher education	2,616	(x)	15,444	2,607	(x)	2.4	(x)	73
Natural resources	14,652	13,612	771	269	1.7	2.4	57	1
Hospitals	21,720	109	5,956	15,654	(Z)	3.0	(z)	91
Sewerage and sanitation Parks and recreation	. 9,573	(x) 62	3	9,571	(x)	1.3	(X)	40
Housing and community development	2,159 4,140	2,068	497 218	1,600	(x)	.3	(Z)	1
Air transportation	3,179	61	299	2,818	(z)	4		1
Air transportation	1,664	522	335	807	7	.4	(z) 2	1
Special assessments	2,111	(x) 1,932	89	2,022	(x)	.3	(x)	
Sale of property	2,782 48,867	1,932 15,563	175 16,218	17,085	1.9	4.6	65	139
Utility revenue	41,564	15,563	2,948	38,616	1.9	5.8	(4)	174
Liquor stores	3,235	(X) (X) 246,359	2,753 67,907	482	(x) (x) 30.5	.4	(x) (x) 1,032	14
Insurance trust revenue	323,529	246,359	67,907	9,262	30.5	10.7	1,032	323
Expenditure	2 1,580,997	1,032,131	390,828	1 390,880	100.0	100.0	4,323	2,756
Intergovernment expenditure	(2)	107,242	121,571	4,030	10.4	.3	449	. 6
General revenue sharing	1,580,997	4,584 924,889	269,257	386,851	89.6	(x) 99.7	3,874	2,748
General expenditure	1,192,375	640,256	223,562	328,558	62.0	83.9	2,682	2,313
General expenditure Percent of total expenditure	75.4	62.0	57.2	84.1	(x) 1.3	(x) 29.3	(x) 55	80°
Education <sup>3</sup> Elementary and secondary education	205,894	13,208	53,667	139,019 130,967	1.3	29.3	55	55
Higher education	131,987 52,316	-	1,020	8,052		7.9		219
Public welfare	94,811	25,234	52,688	16,888	2.4	10.6	106	29
Health and hospitals	63,698	14,020	23,211	26,467	1.4	7.5	59	208
Highways Police protection	45,856 24,386	3,430	27,167 3,114	17,854 17,843	.1	6.8 3.2	14	189
Fire protection	8,917	(x)	(x)	8,917	(x)	1.4	(x)	88
Correction	12 550	720	8,370	4,469	(x)	2.0	(x)	54
Natural resources 1	. 71,152	53,635	7,968	9,549	5.2	2.7	225	73
Housing and community development	17,398	8,214	328 1,034	17,070 9,344	(x)	2.6 1.6	(x) 34	73
Sewerage and sanitation Housing and community development Governmental administration	37,200	8,309	10.920	17,971	.8	44	35	12
Interest on general debt	172,708	140,281	14,982	17,445	13.6	4.9	588	136
Other.	418,206	372,371	20,112	25,722	36.1	7.0	1,560	192
Utility expenditure	56,975 2,823	(x)	5,364 2,391	51,611	(x) (x) 27.6	8.7	(x) (x) 1,192	239
Insurance trust expenditure	328,824	284,633	37,940	6,251	27.6	6.7	1,192	185
Insurance trust expenditure	The second		6.55	100000	1 - W	200	profession 1	
Current operation	832,773	360,281	172,210 30,657	300,281	34.9 7.5	71.8	1,509	1,979
Construction	156,915 71,188	77,014 10,532	23,877	49,245 36,779	1.0	12.1	44	254
Equip., land and existing structures	85,727	66,482	6,780	12,465	6.4	2.9	278	81
	83 387	62,680	12.842	7.865	6.1	3.1	263	87
Assistance and subsidies	00,007							
Assistance and subsidies	179,098 328,824	140,281 284,633	15,608 37,940	23,209 6,251	13.6 27.6	5.9 6.7	588 1,192	163

Represents or rounds to zero. X Not applicable, Z Less than .05 percent or 8.50.

1 Based on estimated reside population as of July 1, \*Aggregates exclude duplicative transactions between levels of government; st notudes amounts not shown separately. \*Includes pertie and recreation.

#### NO. 432. ALL GOVERNMENTS-EXPENDITURE FOR CAPITAL OUTLAY, BY LEVEL OF GOVERNMENT AND BY FUNCTION: 1970 TO 1985

In millions of dollars, except percent. For flocal year ending in year shown; see text, section 9. Except for 1962, local government data are estimates subject to sampling variation; see Appendix III. See also Historical Statistics, Colonial Times to 1970, series Y 523-524, Y 673-674, Y 740,741, and Y 787-786]

LEVEL AND FUNCTION	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985
Total	47,519	66,622	81,058	93,156	99,386	116,499	129,637	148,728	143,107	156,915
ederal Government:	0.00	1.7	1	301	100	Port !	Lully I		7.7	7.60
Total	17,869	21,798	36,289	39,960	36,492	48,903	62,835	80,744	72,456	77.014
Annual percent change 1	-6.0	4.1	20.9	10.1	-8.7	34.0	28.5	28.5	-10.3	6.3
As percent of direct expenditure	9.7	7.5	9.1	8.8	6.9	7.8	8.8	10.3	8.7	8.3
By function:	1	100		J. 53	1		177 775	5510	1000	
National defense *	14,027	14,507	26,361	29,502	28,161	39,441	52.958	69,697	60,382	64,154
Education		2	58	63	97	1	19	26	58	39
Highways	9	70	85	126	132	115	84	153	187	12
Health and hospitals	166	311	627	579	673	606	827	1,146	1.016	916
Natural resources		3,416	5,601	5,986	4.046	5.097	4,963	4,500	4,435	4.092
Housing 9		1.059	365	345	317	376	613	1.080	1.471	1.935
Air transportation		363	146	238	151	285	115	283	249	785
Water transportation *		251	341	557	1.003	858	780	634	482	583
All other		1.819	2.705	2.564	1,912	2,124	2.476	3,225	4,176	4.389
tate and local governments:	300	1,010	24,00	2,001	1,012	2,12	2,410	0,22,0	4,110	4,500
Total	29,650	44,824	44,769	53,196	62.894	67,596	66,802	67,981	70.651	79,901
Annual percent change 1	5.0	8.6	9	18.8	18.2	7.5	-1.2	1.8	3.9	13.1
As percent of direct expenditure	20.0	16.7	13.0	14.0	14.5	13.9	12.8	12.0	11.8	12.2
By function:	20.0	10.7	10.0	14.0	14.3	13.5	12.0	12.0	11.0	12.4
Education a	7,621	9,861	8.674	9,505	10,737	11,327	10,855	10,880	11,596	13,477
Higher education	2,705	2.834	2,593	2,781	2.972	3,474	3,696	3.403	3.855	4.629
Elementary and secondary		6,532	5,709	6.370	7,362	7,441	6.864	7,200	7,258	8.358
		13,646	12.898	15.567	19,133	19,334	18,178	18,627	20,269	
Health and hospitals		1.781	1,878	1,984	2,443	2,559	2,503	2,707	2.380	23,900
		1,113	643	720	1.052	1,017	1.072	1,311	1,414	2,712
Natural resources						2,689				1,736
Housing 3	1,319	1,821	1,439	1,685 966	1,391	1,438	3,259	2,921	3,104	3,217
Air transportation	258	419	317				1,374	716	1,814	1,875
Water transportation 4				559	623	878	698		585	717
Sewerage	1,385	3,569	4,366	5,619	6,272	6,911	5,922	5,806	5,664	5,926
Parks and recreation 6		1,261	1,552	1,791	2,023	2,072	2,029	2,100	1,962	2.196
Utilities *	2,437	4,846	6,597	8,357	9,933	11,562	12,484	12,870	12,599	13,435
Water	1,201	2,111	2,141	2,701	3,335	3,784	3,689	3,821	3,438	4,160
Electric	820	1,485	3,001	3,943	4,572	4,980	5,603	5,292	5,153	5,247
Transit	366	1,203	1,407	1,618	1,921	2,617	3,072	3,615	3,873	3,830
Gas	50	48	47	96	105	181	120	143	135	198
Other	2,915	5,656	5,628	6,443	7,039	7,809	8,427	8,634	9,265	10,711

Source: U.S. Bureau of the Ceneus, Ceneus of Governments: 1977 and 1982, Vol. 6, No. 4, Historical Statistics on Bovernmental Finances and Employment; and Governmental Finances, series GF No. 5, annual.

#### No. 433. STATE AND LOCAL GOVERNMENT RECEIPTS AND EXPENDITURES IN THE NATIONAL INCOME AND PRODUCT ACCOUNTS: 1970 TO 1986

fin billions of deliars, includes trust accounts transactions. For explanation of national income, see text, p. 4031

ПЕМ	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
Receipts	135.8	239.6	355.3	390.0	425.6	449.4	487.7	540.5	579.6	618.8
laneral, own source		168.2	247.4	271.6	305.2	329.7	363.0	406.7	437.8	467.4
Personal tax and nontax receipts 1		44.7	73.7	82.6	94.5	104.9	116.1	129,8	139,3	149.3
Income taxes		22.5	38.2	42.6	47.9	51.9	58.3	67.6	71.9	76.3
Nontaxes	8.3	16.3	27.6	31.5	37.5	43.2 14.0	47.4	51.3	55.6 20.6	60.3
Corporate profits tax accruals		116.2	13.6	174.5	15.4	210.8	15.9	18.7 258.2	277.9	296.8
Sales taxes		51.7	77.3	82.9	90.7	96.2	106.6	120.8	130.9	139.8
Property taxes		53.4	64.4	68.8	77.1	85.3	91.9	99.7	107.1	114.6
Contributions for social insurance.		16.8	27.4	29.7	32.5	35.8	38.5	40.2	42.1	44.5
ederal grants-in-aid		54.6	80.5	88.7	87.9	83.9	86.2	93.6	99.7	106.9
Expenditures 2	134.0	235.2	327.7	363.2	391.4	414.3	440.2	475.9	516.5	561.9
urchases of goods and services	119.4	205.9	289.9	322.2	345.9	369.0	391.5	425.3	464.7	503.5
Compensation of employees		121.1	173.5	192.2	209.3	226.9	241.7	258.5	278.3	299.9
ransfer payments to persons		38.9	57.2	65.7	73.6	79.9	86.5	93.7	101.5	110.1
let interest paid 3	-1.8	-4.2	-11.8	-17.0	-20.1	-24.4	-26.2	-28.4	-30.4	-31.5
.ess: Dividends received		.9	2.0	1.9	2.3	2.9	2.8	3.5	5.0	5.6
lubsidies *	-3.6	-4.5	-5.7	-5.8	-5.6	-7.3	-8.8	-11.3	-14.2	-14.6
Surplus	1.8	4.5	27.6	26.8	34.1	35.1	47.5	64.6	63.1	56.8
Social insurance funds	6.9	13.1	23.8	27.1	30.0	36.9	43.1	44.8	47.1	49.4
Other	-5.1	-8.6	3.8	-3	4.1	-1.7	4.4	19.8	16.0	7.4

<sup>&</sup>lt;sup>1</sup> Includes other items not shown separately.

<sup>2</sup> includes wage accruais less disbursements of —\$135 million in 1979 and

Parameters accruais less disbursements of —\$135 million in 1979 and

Parameters accruais less disbursements of —\$135 million in 1979 and

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Change from immediate prior year.
 Includes international relations and U.S. service schools.
 Includes terminals.
 Includes other education.
 Beginning 1978, includes outges by State governments.

Source: U.S. Bureau of Economic Analysis, The National Income and Product Accounts of the United States, 1929 to 1982; and Range of Current Business, July 1967.

#### No. 434. FEDERAL GRANTS-IN-AID-SUMMARY: 1965 TO 1986

[For flocal year ending in year shown; see text, section 9. Minus sign (-) indicates decrease]

			CURF	RENT DOLLAR	48				(1000)
		10.20		ents to viduals	Grants as	s perce	nt of—		NT (1982) LLARS
YEAR	Total grants (bil, dol.)	Annual percent change <sup>1</sup>	Total (bil. dol.)	Percent of total grants	State- local govt. outlays <sup>2</sup>	Fed- eral out- lays	Gross na- tional prod- uct	Total grants (bil. dol.)	Average annual percent change <sup>1</sup>
1965	10.9	7.9	3.7	33.9	15.1	9.2	1.6	35.4	7.5
1970	24.0	18.2	8.6	35.8	19.0	12.3	2.4	61.2	11.6
1975	49.8	14.7	16.4	33.0	22.6	15.0	3.3	87,1	7.3
1977	68.4	15.7	22.2	32.4	25.5	16.7	3.6	103.6	9.1 5.9
1978	77.9	13.9	24.2	31.0	26.5	17.0	3.6	109,7	5.9
1979	82.9	6.4	26.9	32.4	25.8	16.5	3.4	106.7	-2.7
1980	91.5	10.4	31.9	34.9	25.8	15.5	3.4	105.9	7
1981	94.8	3.6	36.9	39.0	24.7	14.0	3.2	100.7	-4.9
1982	88.2	-7.0	37.9	42.9	21.6	11.8	2.8	88.2	-12.4
1983	92.5	4.9	41.6	45.0	21.3	11.4	2.8	88.8	.7
1984	97.6	5.5	44.3	45.4	21.0	11.5	2.6	90.2	1.6
1985	105.9	8.5	48.1	45.4	21.0	11.2	2.7	93.7	3.9
1986	112.4	6.1	51.4	45.7	20.6	11.4	2.7	95.0	1.4
1987, est	109.9	-2.2	54.2	49.3	19.1	10.8	2.5	90.2	-5.1
1988, est	106.3	-3.3	52.9	49.8	17.1	10.4	2.3	84.1	-6.6

<sup>&</sup>lt;sup>1</sup> Average annual percent change from prior year shown. For explanation, see Guide to Tabular Presentation. 1965, change from 1960.
<sup>3</sup> Outleys as defined in the national income and product accounts.

Source: Advisory Commission on Intergovernmental Relations, Washington, DC, Significant Features of Fiscal Federalism, 1987 Edition, based on Budget of the United States Government, FY 66, Special Analysis H.

#### No. 435. FEDERAL AID TO STATE AND LOCAL GOVERNMENTS: 1970 TO 1987

[In millions of delians. For flecal year ending in year shown; see text, section 9. includes trust funds. Minus eign (—) indicates previously disbursed funds returned to the Federal Government. See *Historical Statistics, Colonial Times to 1970*, series Y 638-651, for related data).

TYPE OF AID, FUNCTION, AND MAJOR PROGRAM	1970	1975	1980	1982	1983	1984	1985	1986	1987, est.
Grant-in-aid shared revenue	1 24,065	49,791	91,451	88,195	92,495	97,577	105,897	112,357	109,879
National defense	37	74	93	68	86	95	157	177	174
Natural resources and environment	411	2.437	5.363	4.872	4.018	3.779	4.069	4.255	3.757
Environmental Protection Agency	194	2.025		4.079	3,266	2,922	3,197	3,419	2.960
Energy		43		509	482	534	529	538	431
Agriculture		404		986	1,822	1,832	2,420	1,932	2.044
Transportation 2	4,599	5.864			13,248	15,013	17.055	18,366	17.544
Airports		292	590	339	453	694	789	853	889
Highways		4,702	9,209	7,903	8.896	10,522	12.841		12.603
								14,109	
Railroads	400	(Z)	54	80	182	34	35	22	45
Urban mass transit		689			3,655	3,483	2,797	2,666	3,009
Commerce and housing credit	4	2	3	3	62	2	2	2	1
Community and regional development a	1,780				4,962	5,157	5,221	4,861	4,881
Appalachian development	184	306	335	304	262	209	198	154	135
Community development block grants	(x)	38			3,554	3,819	3,817	3,326	3,293
Urban renewal	1,054	1,374		101	38	24	28	13	1000
Education, employment, training, social services *	6,417	12,133	21,862	16,589	16,125	16,669	17,817	18,953	18,573
Elementary and secondary education 3	1,470	2,184	3,370		(x)	(x)	(x)	(x)	(x)
Compensatory education for the disadvantaged a	(x)	(x)	(x)	2,939	2,629	3.067	4,194	3,392	3,097
Special programs and populations 3	(x) (x) (x) 622	l òxi	(x)	636	509	570	479	576	615
Bilingual education 5	l (x)	(x)	(X)	110	108	112	96	52	112
Federally affected areas impact aid	622	577	622	546	548	567	629	678	760
Vocational and adult education	285	653		802	705	719	633	1,008	1.035
Library and learning resources	105	210		101	124	80	79	98	186
Work incentives	81	304	383	222	281	259	274	227	110
Social services—block grants to States	574	2.047			2,508	2,789	2.743	2,671	2.661
Human development	390	803			1.685	1,717	1,807	1,831	1,912
Employment and training assistance	954	2.504		3,295	3,187	2,555	2,775	3.019	2.885
Temporary employment assistance	(x)	372		38	46	- 15	-18	3,019	2,000
Health 2	2 240		15,758		20.224			20 000	20 000
Alcohol, drug abuse, and mental health *	3,849				506		24,451	26,823	28,693
		590		656		501		494	640
Medicaid 4	2,727	6,840		17,391	18,985		22,655	24,996	26,700
Income security *	5,795			21,930	24,758		27,153	29,070	30,986
Assistance payment program 4	4,142		6,888		7,844	8,311	8,592	9,877	10,606
Food stamps—administration	559	136			629	732	886	968	1,128
Child nutrition and special milk programs 4				2,875	3,115	3,361	3,480	3,678	3,982
Housing assistance 4	436				5,695	5,750	6,407	7,418	8,192
Veterans benefits and services					66	66	91	90	103
Administration of justice	42		529	187	101	69	95	133	299
General government	. 49	101	138	252	211	171	182	171	162
General purpose fiscal assistance	430	6,971	8,478	6,347	6,330	6,677	6.656	6,988	2.231
General revenue sharing	(x)				4.614	4,567	4,584		76

<sup>-</sup> Represents zero. X Not applicable. Z Less than \$500,000. ¹ includes \$5 million for international affairs subsequently provided to a private institution. ² includes items not shown separately. ¹ The 1963 Budget proposed diamentils ment of the Dept. of Education (DED). Budget data for elementary and secondary education previously performed by DED as included in the Foundation for Education Assistance under compensatory education for the disadvantaged, special programs are populations, and billingual education. ¹ includes grants for preyments to individuals.

Source: U.S. Office of Management and Budget, Historical Tables, Budget of the United States Government, 1988.

## 436. FEDERAL AID TO STATE AND LOCAL GOVERNMENTS-SELECTED PROGRAMS, BY STATE: 1986

[In millions of dollars, except per capita. For fiscal year ending Sept. 30]

	FEDERA	L AID 1		EPA *	HHS		HU	D.*		DEPARTME	NT OF-
AND	Total	Per cap- ita <sup>2</sup> (dol.)	OE s compen- satory edu- cation s	waste treat- ment facilities con- struction	SSA T	Med- icaid	Lower income housing assist- ance *	Commu- nity develop- ment	ETA 10 employ- ment/ training	Trans- portation, highway trust fund	Treas- ury, general reve- nue sharing
1	112,596	460	3,390	2,960	12,419	24,903	7,517	3,326	3,019	13,968	5,113
	6,563 672 404 334 3,082 570 1,501	515 573 394 617 528 585 471	156 15 8 7 76 13 37	187 17 29 15 86 12 28	770 90 31 41 370 64 174	1,693 190 75 69 869 151 339	623 59 31 22 263 61 187	181 25 12 5 83 14 42	136 13 8 7 65 12 31	819 65 59 60 165 80 190	281 31 15 13 140 22 60
	21,452 12,380 3,354 5,718	575 697 440 481	841 360 114 167	659 459 103 97	2,660 1,570 409 681	6,370 4,384 700 1,286	1,896 1,054 396 446	726 384 117 225	452 211 89 152	1,770 673 295 802	917 509 163 245
	18,437 4,764 2,000 5,010 4,353 2,310	442 443 363 434 476 483	526 122 52 162 138 52	619 223 82 126 121 67	2,707 614 158 620 878 437	4,438 1,263 571 922 1,059 623	1,222 372 122 437 175 116	577 152 61 184 122 58	623 159 81 161 163 59	1,868 498 186 579 397 208	890 214 102 235 221 118
	7,685 2,110 1,158 1,982 433 457 661 884	437 501 434 391 638 646 413 359	189 42 31 56 8 10 18 24	241 52 37 84 16 15 14 23	820 293 145 192 29 28 60 73	1,585 580 235 356 74 75 120 145	458 132 44 124 30 48 37 43	214 53 42 60 7 11 17 24	181 44 30 57 9 10 12 19	1,302 297 176 340 80 80 132 197	360 101 63 88 15 16 33 44
	16,333 314 1,959 1,423 1,995 1,063 2,281 1,322 2,732 3,244	399 495 439 2,273 345 554 360 391 448 278	548 10 59 15 66 31 81 53 91	428 16 80 1 45 40 45 44 59 98	1,276 23 191 62 173 99 188 102 193 245	3,200 42 379 187 354 170 547 317 592 612	1,166 35 167 91 169 53 173 77 186 215	448 7 46 18 53 26 64 33 65 136	432 7 49 17 51 28 77 41 57	2,225 49 285 48 358 234 264 141 397 449	803 14 97 20 110 52 132 75 117 186
	7,015 1,784 2,128 1,759 1,344	461 479 443 434 512	267 61 72 70 64	139 44 31 34 30	416 141 112 81 82	1,546 405 552 317 272	124 159 140 71	190 42 59 52 37	228 57 65 69 37	998 230 300 288 180	326 82 90 86 68
juntament in the second	9,787 1,123 2,039 1,400 5,225	364 474 453 423 313	388 41 83 39 225	221 33 29 27 132	536 55 143 96 242	2,051 320 527 303 901	641 61 125 126 329	313 22 48 42 201	261 32 57 32 140	1,562 157 298 176 931	478 52 95 63 268
	8,006 592 435 471 1,220 857 1,206 807 418	461 723 434 929 374 579 367 485 434	137 11 10 4 32 27 35 12 6	131 18 10 14 21 15 14 17 22	387 40 30 15 101 52 71 61 17	720 86 61 18 177 123 70 140 45	381 49 13 7 66 67 117 21 41	129 8 3 4 31 20 37 18 8	154 13 13 7 28 19 49 14	1,223 132 96 96 231 116 246 189 117	287 22 22 19 62 37 65 44 16
areas	15,673 1,905 1,340 11,291 664 473 2,784	439 427 497 419 1,244 446 753	415 45 30 322 6 12	312 17 26 232 21 16 25	2,763 279 131 2,267 40 46 85	3,223 355 189 2,553 49 77 82	808 85 51 567 75 30 234	452 41 28 344 7 32	451 62 40 325 12 12	1,566 351 179 855 128 53	772 85 61 581 21 24

sents zero. \*Includes other amounts not shown separately. \*Based on Bureau of the Census estimated putation as of July 1. \*Office of Education. \*For the disadvantaged. \*Environmental Protection Agency. sent of Health and Human Services. \*Social Security Administration. Includes Aid to Families With Dependent FDC), child support enforcement, low income home energy assistance, refugee assistance, State and local training and all security income. \*Department of Housing and Urban Development. \*Includes public housing, housing section 8) to public agencies, and college housing, and operating assistance for low rent housing. \*Demployment padministration, Job Training Partnership Act. \*Includes \$859 million undistributed by State (programs shown here ffected are compensatory education (\$ -1 million), lower income housing assistance (\$ -408 million), and highway trust million).

r. U.S. Bureau of the Census, Federal Expenditures by State for Flocal Year 1986.

No. 437. STATE AND LOCAL GOVERNMENTS-SUMMARY OF FINANCES; 1980 TO 1985

[For flacal year ending in year shown, see text, section 9. Local government amounts included here are estimates subject to sampling variations; see Appendix III and source. See also Historical Statistics, Colonial Times to 1970, series Y 652-709]

SOURCE OF REVENUE AND TYPE OF EXPENDITURE		(mil. dol.	)		(dol.)	rA		PERCENT STRIBUTION	
TYPE OF EXPENDITURE	1980	1984	1985	1980	1984	1985	1980	1984	1985
Revenue *	451,537	651,997	719,609	1,993	2,761	3,014	100.0	100.0	100.0
From Federal Government	83.029	96,935	106,158	366	410	445	18.4	14.9	14.8
Public welfare	24 921	35.845	39.081	110	152	164	5.5	5.5	5.4
Highways Education Employment security administration Revenue sharing	8,980	10,614	12,993 16,758	40	45	54 70	2.0	1.6	1.8
Education	14,435	15,351 2,616	16,758	64	65		3.2	2.4	2.3
Revenue sharing	6,844	4,541	4,556	30	11	11	1.5	7	1
Other and unallocable	25,793	27,969	30,164	114	118	126	5.7	4.3	4.2
		555,062	613,451	1,627	2,350	2,570	81.6	85.1	85.2
From State and local sources	299,293	445,794	491,482	1,321	1,888	2.059	66.3	68.4	68.3
laxes	223 463	320,194	491,482 349,793	986	1,356	1,465	49.5	49.1	48.6
Property Sales and gross receipts	68,499	96,457	103,757	302	408	435	15.2	14.8	14.4
lodividual locome	79,927 42,080	114,097 64,529	126,281 70,097	353 186	483 273	529 294	9.3	17.5	17.5
Corporation income	13,321	17,141	19,158	59	73	80	3.0	2.6	2.7
Other	19,636	27,970	30,501	87	118	128	4.3	4.3	4.2
Charges and miscellaneous	75,830	125,600	141,689	335	532	593	16.8	19.3	19.7
Utility and liquor stores	25,560	40,614	44,800	113	172	188	5.7	6.2	6.2
Water supply system Electric power system Transit system Gas supply system.	6,766	10,467	11,980	30	44	50	1.5	1.6	1.7
Electric power system	11,387	19,614	21,767	50	83	91	2.5	3.0	3.0
Gas supply system	2,397 1,809	3,792	4,244 3,573	11	16	18	.5	.6	.6
Liquor stores	3,201	3,240	3,235	14	14	14	.7	.5	1
Liquor stores	43,656	68,654	77,170	193	291	323	9.7	10.5	10.7
Employee retirement	25,441	46,180	53,212	112	196	223	5.6	7.1	7.4
Unemployment compensation		16,759	17,640	60	71	74	3.0	2.6	2.5
Direct expenditure	432,328	598,945	656,108	1,908	2,536	2,748	100.0	100.0	100.0
By function:	007.040	F00 076							
Direct general expenditure a	367,340	503,375 176,108	552,119 192,686	1,621	2,132 746	2,313	85.0 30.8	84.0 29.4	84.2
Higher education	33,919	47,613	52,316	150	202	219	7.8	7.9	8.0
Local schools	92,930	120,896	131,987	410	512	553	21.5	20.2	20.1
Highways	33,311	39,419 64,709	45,022	147	167	189	7.7	6.6	6.9
Public welfare	45,552	64,709	69,577	201	274	291	10.5	10.8	10.6
Health	8,387 23,787	12,277	13,711 35,967	105	52 145	151	1.9 5.5	2.0 5.7	2.1 5.5
Police protection	13.494	19,262	20,956	60	82	88	3.1	3.2	3.2
Fire protection	5,718	8,202	8,917	25	35	37	1.3	1.4	1.4
Natural resources	5 509	7,421 16,225	8,357	24	31	35	1.3	1.2	1.3
Sanitation and sewerage	13,214	9,283	17,398	58 27	69	73 43	3.1	2.7	1.6
Parks and recreation	6,520	8 343	10,378	29	35	38	1.4	1.5	12
Financial administration	6.719	8,343 9,502	9,160	30	40	44	1.6	1.6	1.6
Interest on general debt 4	8,697	12,994	14,314	38	55	60	2.0	2.2	2.2
Interest on general debt *	14,747	28,696	32,427	65	122	136	3.4	4.8	4.5
Utility and liquor stores *	36,191	55,062	59,798	160	233	250	8.4	9.2	9.1
Water supply system	9,228	12,580	14,298	41	53	60	2.1	2.1	2.2
Transit system	15,016 7,641	23,206	25,341 13,868	66 34	98 56	106 58	3.5 1.8	3.9	3.9
Gas supply system	1,715	3,344	3,468	A	14	15	4	.6	-
Gas supply system	2,591	2,741	2,823	11	12	12	.6	.5	1 2
Insurance trust expenditure *	28,797	40,508	44,191	127	172	185	6.7	6.8	6.7
Employee retirement	14,008	22,271	24,414	62	94 60	102	3.2	3.7	3.7
Unemployment compensation	12,070	14,060	14,995	53	60	63	2.8	2.3	2.3
By character and object:	The same	- Sound	1000	1000	100	- T	1	100	130
Current operation	307,811	433,653	472,492	1,359	1,836	1,979	71.2	72.4	72.0
Construction	62,894	70,651 53,833	79,901	278 227	299 228	335 254	14.5	11.8	12.2
Equipment, land and existing structures	51,492	16,818	19,245	50	71	81	2.6	2.8	2.9
Assistance and subsidies	15,222	19,694	20,707	67	83	87	3.5	3.3	3.2
Interest on debt (general and utility) Insurance benefits and repayments	17.604	34,439 40,508	38,817	127	146	163	6.7	5.7 6.8	5.9 6.7
Expenditure for salaries and wages		219,266	44,191 236,877	723	928	992	37.9	36.6	36.
Debt outstanding, end of year		506,330	568,501	1,481	2,144	2.381	100.0	100.0	100.0
Long-term.	322,456	486,369	548,918	1,423	2,060	2,299	96.1	96.1	96.6
Short-term	13,147	19,960	19,583	1,423	85	82	3.9	3.9	3.4
Long-term debt:	1000	1000	10000	100		100	1966	-	
Issued	42,364	71,621	101,164	187	303	424	12.6	14.1	17.8
IssuedRetired	42,364 17,404	71,621 33,941	101,164 43,521	187 77	303 144	424 182	12.6 5.2	14.1 6.7	1

Based on estimated resident population as of July 1; except 1980 based on resident population enumered as of April 1, 1980. Excludes duplicative transactions between State and local governments. Includes amounts not shown separately. Interest on utility debt included in "utility expenditure." For total interest on debt, see "interest on debt (general and utility), below.

Source: U.S. Bureau of the Census, Historical Statistics on Governmental Finances and Employment (GC 82(6)-4) and Governmental Finances, series GF No. 5, annual.

NO. 438. New ISSUES OF LONG-TERM STATE AND LOCAL GOVERNMENT SECURITIES: 1970 TO 1986 [In billions of dollars, Beginning 1982, includes outlying areas]

ITEM	1970	1975	1975	1980	1561	1982	1803	1984	1986	1986
il iteues, new capital and refunding General obligations	18.2	30.8	43.5	48.5	47.7	79.0	85.1	108.0	222.2	150.3
General obligations	11.9	18.0	12.1	14.1	12.4	21.1	21.5	26.7	54.1	43.0
Revenue	6.1	14.5	31.3	34.3	35.3	58.0	83.6	81.3	166.1	107.3
Type of leaver:										
State	4.2	7.4	4.3	5.3	5.3	10.3	9.2	9.1	13.1	13.9
Special district and statutory authority Municipalities, counties, townships <sup>1</sup>	5.6	12.4	23.4	27.0	27.5	43.3	48.8	64.5	138.6	85.4
Municipalities, counties, townships 1	8.4	10.7	15.6	16.1	14.9	25.4	27.3	34.3	70.5	51.3
BUSS for new capital, total	16.1	29.5	41.5	48.7	48.5	74.8	71.1	95.2	160.0	81.3
Use of proceeds:									100.0	""
Education	5.0	4.7	5.2	4.8	4.6	6.5	6.2	7.9	16.6	11.
Transcortation	3.2	2.2	2.4	2.8	3.4	8.3	4.4	7.8	12.1	7.9
Roeds, bridges	1.5	1.3	1.1	1.1	افت ا	1.7	1.3	2.0	4.7	43
Utilities and conservation	3.5	5.5	8.5	8.0	10.2	14.3	13.5	16.0	27.0	13.
Electric and gas	.0	1.9	3.5	3.4	6.3	7.1	6.3	6.8	10.9	5.1
Social wellers	1.2	3.9	15.7	19.4	12.1	25.6	25.4	29.4	66.3	12:
Public housing	.5	1,2	12.1	15.5	5.9	14.9	17.4	19.3	37.2	8.
Industrial aid	.1	7.7	1.7	1.7	3.4	2.9	3.6	15.7	14.1	4.
Other	5.1	12.8	8.0	10.4	12.8	19.2	16.0	16.8	26.9	31.

<sup>&</sup>lt;sup>1</sup> Includes school districts.

Bouros: Public Securities Association, New York, NY, Statistical Yearbook of Municipal Finances, periodic, and IDD/PSA ritiopal Databases.

#### No. 436. STATE AND LOCAL GOVERNMENTS-INDEBTEDNESS AND DEBT TRANSACTIONS: 1970 to 1985

billions of dollars, except per capita. As of and of fiscal year; see text, section 9. Local government amounts are estimates sibject to sampling variation; see source and Appendix III. See Historical Statistics, Colonial Times to 1970, series Y 680, Y 747, nd Y 794, for debt outstanding)

			DEBT OUT	STANDING				LONG-TERM	
(TEM		Per		Long-term		~	Net	D-14	D-14
	Total	capita 1 (dol.)	Local <sup>a</sup> schools	Utilities <sup>3</sup>	All other	Short- term	long- term	Debt	Debt
979: Total	143.8 42.0	704 208	31.5 3.0	19.6 (NA)	60.3 35.9	12.2 3.1	121.7 34.5	12.8 3.9	7.0 1.9
State	101.6 335.6 122.0	498 1,482 540	26.6 32.3 3.6	19.6 55.2 4.6	235.0 111.5	9.1 13.1 2.1	87.3 262.9 79.8	8.9 42.4 18.4	5.1 17.4 5.7
State	213.8 506.3 196.4	942 2,144 791	28.5 43.2 6.5	50.6 82.6 7.4	123.5 360.6 169.3	11.0 20.0 3.2	183.1 386.8 101.7	25.9 71.6 29.0	11.7 33.9 12.6
Cool	320.0 568.5 211.9 366.6	1,355 2,381 890 1,494	36.7 43.8 6.7 37.1	75.2 90.8 8.6 82.2	191.2 414.3 193.8 220.5	16.8 19.6 2.8 16.8	297.1 430.4 110.3 320.0	42.6 101.2 41.7 59.5	21.4 43.5 16.4 27.2

<sup>4</sup>A. Not evallable. 

1970 and 1980 based on enumerated resident population as of April 1; 1983 and 1984 based on insated resident population as of July 1.

Includes debt for education activities other than higher education.

Beginning 10, data for State governments classified as "utility," rather than in "All other."

Vo. 440. STATE AND LOCAL GOVERNMENT REVENUES FROM ALCOHOLIC BEVERAGES: 1984 AND 1985 [In millions of dollars, except per capita. For fiscal year; see text, section 9]

	REVI	ENUE	Reve-		REV	ENUE	Reve-		REV	ENUE	Reve-
STATE	Total	Taxes 1	capita s (dol.)	STATE	Total	Taxes 1	nue per capita <sup>s</sup> (dol.)	STATE	Total	Taxes 1	capita <sup>a</sup> (dol.)
'otal, 1984	6.702.3	5.770.2	28							ŀ	
Tatal, 1985	6,002.5	6.029.5	29	KY	84.2	59.9	17	ND	16.8	14.7	24
	137.1	114.8	34	<b>LA</b>	143.2	139.3	32	OH	307.8	200.8	21
<b>K</b>	15.5	13.8	30	ME		23.3	39	OK		63.7	20
7	113.3	108.7	38	MD	96.1	81.0	22	OR	67.3	10.9	20 21 21 21
8	41.3	36.8	18	MA		101.4	19	PA	291.6	215.7	2
A	534.4	504.7	20	MI	249.7	181.2	28	RI	27.3	25.9	2
20	97.0	94.3	30	MN		156.5	41	SC		138.1	4
Ť	111.	105.1	36	MS		67.1	34	SO	20.7	18.4	Ž
Ē	5.7	5.2	1 %	MO	87.6	83.2	17	TN		171.0	3
<u>~</u>	39.1	38.7	83	MT	19.9	13.9	24	TX	497.9	485.2	3
3	579.7	580.8	51	AIF	30.1	27.3	19	ÚŤ	49.1	29.6	≨
<u> </u>	274.9	249.9	48	NR/	68.7	84.2	71	ντ	19.1	16.8	≃
<u> </u>	22.1	18.7	21	NH	42.1	10.4	42	VA	186.8	138.7	30 30 30
T	27.3	21.2	27	NJ		141.0	21	WA	229.3	198.5	5
·	315.2	293.8	27	NM	36.2	36.2	26	<b>w</b>		34.6	34
<u></u>	107.9	100.6		ARV	498.7	447.0	26	WI	117.4	111.0	21
7			20				33			10.5	30
~	86.2	36.1	30	NC	207.4	163.0	33	<b>w</b>	15.0	10.5	34
·	49.1	47.5	20		l	ı	ľ		1	ı	ı

<sup>1</sup> Exclos and sales taxes. \* Based on estimated resident population as of July 1.

Source: Distilled Spirits Council of the United States, Inc., Washington, DC, unpublished data.

Source: U.S. Bureau of the Census, Governmental Finances, series GF No. 5, annual, and unpublished data.

## No. 441. STATE AND LOCAL GOVERNMENTS-REVENUE, EXPENDITURE, AND DEBT

[In millions of dollars, except as indicated. For fiscal years ending in year shown; see text, section 9. Except for 1982, local

	-				GENER	AL REVENU	E				_
YEAR, DIVISION, AND			An	nount from	n		P	er capita	2 (dol.)	1	Per
STATE	Total !	Federal		Taxes			Tot	al	Tax	es	\$1,00 persor
		Govern- ment	Total	Prop- erty	Other	Current	Amount	Rank	Total	Rank	al in- come (dol.)
1970	130,756	21,857	86,795	34,054	52,741	14,873	643	~	427	64	176
1970	228,171	47,034	141 465	51 491	89,974	25 588	1,071	888888	664	SSSSSS	198
980	382,322	83,029	141,465 223,463	51,491 68,499	154,964	25,588 44,373	1,688	123	987	133	198
1981	423,404	90,294	244,514	74,969	169,545	50,238	1,869	123	1,079	120	196
982	457,654	87,282	266,390	82,067	184,322	56,920	2.020	123	1,176	120	190
983	486,753	90,007	284,436	89,105	195,332	62,625	2,080	120	1,216	120	178
984	542,730	96,935	320,194	96,457	223,737	69,022	2,298	126	1,356	(xi	175
U.S., 1985	597,640	106,158	349,793	103,757	246,037	74,415	2,503	(x)	1,465	(x)	181
New England:	12572	100		- 1	100000	23.5	100	1	0.50	100	100
Maine	2,648	651	1,545	549	997	242	2,275	32	1,328	29	191
New Hampshire	1.921	385	1,124	691	433	186	1,925	45	1,126	42	129
Vermont	1,351	333	745	284	460	146	2,525	24	1,392	21	208
Massachusetts	15,502	2,957	9,987	3,305	6,682	1,492	2,663	16	1,715	8	163
Rhode Island	2,569	530	1,431 5,765	569	862	242	2,654	17	1,479	15	191
Connecticut	8,599	1,252	5,765	2,231	3,533	659	2,709	12	1,816	5	150
Middle Atlantic: New York	04.500	** ***			00.000						1000
New Jane	64,568	11,457	41,500 13,223	12,238	29,262	5,850	3,631	4	2,334	4	226
New Jersey	20,700	3,112	13,223	5,423	7,800	2,050	2,737	11	1,749	7	159
Pennsylvania	27,163	5,096	16,414	4,350	12,064	2,491	2,292	30	1,385	22	171
New Jersey Pennsylvania East North Central:							1000		1, 227	11.00	100
Unio	24,229	4,203	14,296	4,017	10,279	3,254	2,255	33	1,331	28	170
Indiana	11,256	1,941	6,493	2,077	4,417	1,869	2,047	41	1,181	40	164
Illinois	27,399 24,491	4,970	17,007	6,064	10,943	2,542	2,375	27	1,474	16	161
Micrigan	12,463	4,270 2,229	14,619	5,625	8,994	3,393	2,695	13	1,609	13	198
Wisconsin West North Central:	12,463	2,229	7,692	2,715	4,978	1,677	2,610	18	1,611	12	198
Minnesota	13,023	2,088	7,407	2.083	5,324	1,797	3,106	5	1,767	6	220
lowa		1,144	3,839	1,501	2,338	1,078	2,290	31	1,331	27	182
Missouri	9,593	1,857	5,485	1,200	4,284	1,331	1,908	47	1,091	43	144
North Dakota	1,949	409	930	231	699	348	2,846	8	1,357	25	236
South Dakota	1,535	375	738	322	416	161	2,168	37	1,043	45	194
Nebraska	3,721	638	2.010	869	1,140	646	2,317	28	1,251	35	174
Kansas	5,872	869	3,324	1,227	2,097	795	2,397	26	1,357	26	174
South Atlantic:	100000		5,02	1,122	2,00.	,			1,007	20	
Delaware	1,907 11,308	293	969	127	842	296	3,067	6	1,558	14	215
Maryland	11,308	1,848	7,153	1,786	5,367	1,110	2,575	21	1,629	11	162
District of Columbia	3,238	1,348 1,909	1,574	455	1,119	147	5 172	3	2515	3	285
Virginia	12,101	1,909	7,460	2,087	5,374	1,788	5,172 2,121	38	2,515 1,307	30	146
West Virginia	4,006	851	2,328	385	1,943	463	2.069	40	1,203	37	203
West Virginia North Carolina	12,205	2.332	7,158	1,543	5,616	1,588	1,951	44	1,144	41	168
South Carolina	6,425	1,257 2,716	3,601	801	2.800	1,065	1,920	46	1,076	44	181
Georgia	13,455	2,716	7,061	1,761	5,299	2,530	2,251	34	1,181	38	179
Florida	23,940	3,805	13,428	4,295	9,133	4,080	2,106	39	1,181	39	153
east South Central:	100,000		1	322	747.53	3,525	20,23	13.5	0.1.2.	1	1.00
Kentucky	7,295	1,643	3,850	679	3,171	808	1,958	43	1,033	46	181
Tennessee	8,799	1,932	4,742	1,038	3,704	1,470	1,848	50	996	48	164
Alabama	8,068	1,768	3,981	465	3,516	1,476	2,006	42	990	49	188
Mississippi	4,929	1,183	2,398	550	1,849	982	1,886	49	918	51	205
West South Central:	11.50	100	100		and bearing	100	7 602	126		120	1000
Arkansas	4,219	944	2,282	409	1,873	558	1,789	51	967	50	171
Louisiana	10,882	1,877	5,818	791	5,027	1,501	2,428	25	1,298	31	215
Oklahoma Texas	7,409	1,151	4,255	745	3,511	1,135	2,244	35	1,289	32	183
Texas	35,579	4,889	20,741	7,626	13,115	4,636	2,173	36	1,267	33	161
Aountain:			COUR	1.45	1000	1002.2	Sant.	7			100
Montana	2,282	524	1,142	521	621	218	2,763	10	1,383	23	252
Idaho	1,915	419	1,027	282	745	288	1,906	48	1,022	47	171
Wyoming	2,684	470	1,313	561	752	252	5,274	2	2,580	2	399
Novige Name	8,200	1,198	4,680	1,607	3,073	1,189	2,538	23	1,448	17	171
Colorado	4,168	687	1,810	217	1,593	395	2,875	7	1,249	36	263
Litab	7,324 4,240	939	4,386	1,170	3,216	851	2,298	29	1,376	24	180
Utah	2,436	865 339	1,351	569 295	1,501	486 424	2,578 2,602	20 19	1,258	34 18	246 180
N10-	10,000	7.7	1000	200	1,000	464	2,002	,,,	100	10	100
Washington Oregon	11,219	2,246	6,328	1,613	4,515	1,550	2,545	22	1,435	19	183
Oregon	7,165	1,407	3,816	1,659	2,157	930	2,667	15	1,420	20	211
California	73,542	13,526	43,365	11,083	32,282	9,170	2,789	9	1,645	10	174
Alaska	6,726	525	2,389	558	1,830	421	12,910	1	4,585	1	710
Hawaii	2,818	500	1,741	309	1,432	338	2,673	14	1,652	9	194

X. Not applicable.

1 Includes miscellaneous revenue, not shown separately.

2 Data for 1975 based on selfmeted resident population as of July 1; 1970 and 1980-1982 based on enumerated resident population as of April 1, 1970 and 1980, respectively 1983-1985 based on selfmeted resident population as of July 1.

## 1970 TO 1985 AND BY STATE, 1985

government amounts included here are estimates subject to sampling variation; see source and Appendix III]

DEBT O	UTSTAN	DING			DIREC	T GENER	AL EXPE	NDITUR	E		OUT		
Total	Per cap- ita <sup>II</sup> (dol.)	Rank	Total	Per cap- ita <sup>1</sup> (dol.)	Rank	Educa- tion	High- ways	Public wel- fare	Health, hospi- tals	All other	Total	Per cap- ita <sup>2</sup> (dol.)	YEAR, DIVISION AND STAT
143,570 221,224 335,603 363,892 104,579 154,501 506,330	706 1,038 1,482 1,606 1,786 1,942 2,144	(X) (X) (X) (X) (X) (X) (X) (X) (X) (X)	435,103 464,999 503,375	1,790 1,921 1,987 2,132	SSSSSSS	52,718 87,858 133,211 145,784 154,283 163,876 176,108	39,419	64,709	46,419	37,840 73,324 123,092 136,840 149,202 161,314 176,720	70,651	146 211 278 295 296 291 299	1970 1975 1980 1981 1982 1983 1984
68,501	2,381	(x)	552,119	2,313	(x)	192,686	45,022	69,577	49,678	195,157	79,901	335	U.S., 1985
1,963 2,485 1,226 15,439 3,443 8,735	1,687 2,490 2,291 2,652 3,557 2,752	41 24 27 22 10 20	14,134	2,104 1,816 2,396 2,428 2,541 2,368	33 44 21 19 11 22	837 605 482 4,233 763 2,346	752 155	433 209 164 2,396 423 1,005	121 105 60 1,334 181 503	792 667 415 5,420 937 3,046	237 226 157 1,822 238 831	204 227 293 313 245 262	New England: Maine New Hampshire Vermont Massachusetts Rhode Island Connecticut Middle Atlantic:
62,454 22,629 25,197	3,512 2,993 2,126	11 15 32		3,343 2,482 2,028	16 35	16,926 6,345 8,349		10,596 2,237 3,890	6,016 1,126 1,542	22,662 7,693 8,128	7,236 1,837 2,492	407 243 210	New York New Jersey Pennsylvania
16,642 7,146 21,709 15,214 8,822	1,549 1,300 1,882 1,674 1,847	44 49 38 42 39	10,179 25,067	2,120 1,851 2,173 2,498 2,547	32 43 31 15 10	8,492 4,113 8,371 8,180 4,533	851 2,403 1,417	3,491 1,157 3,614 3,948 1,927	1,942 1,069 1,621 2,275 989	7,137 2,990 9,058 6,884 3,643	2,560 1,241 3,430 1,889 1,403	238 226 297 208 294	East North Central: Ohio Indiana Illinois Michigan Wisconsin
13,959 3,958 7,249 1,299 1,584 5,958 5,994	3,329 1,372 1,442 1,897 2,238 3,710 2,447	13 48 46 36 31 7 25	11,918 6,664 8,927 1,847 1,567 3,621 5,439	1,775 2,696 2,214 2,255	5 25 49 6 30 28 29	3,926 2,581 3,268 683 525 1,425 2,144	936 922	1,807 779 948 183 131 336 468	974 660 1,004 97 76 362 436	3,990 1,709 2,784 613 573 1,009 1,688	1,731 1,062 1,271 296 405 707 815	413 368 253 432 573 441 333	Weat North Central: Minnesota Iowa Missouri North Dakota South Dakota Nebraska Kansas
2,582 12,307 3,437 8,760 4,402 10,012 6,748 11,251 26,071	4,151 2,802 5,490 1,535 2,274 1,601 2,016 1,883 2,294	5 17 2 45 29 43 33 37 26	1,672 10,332 2,718 11,369 3,840 11,168 5,966 11,771 22,228	4,342 1,993 1,983 1,785 1,782 1,970	7 23 2 37 38 46 48 39 41	636 3,578 473 4,554 1,554 4,780 2,453 4,062 7,807	156 939 90 1,153 460 937 422 1,143 1,681	117 1,216 486 1,035 356 1,004 517 1,033 1,674	81 418 266 952 279 1,115 839 2,055 2,429	680 4,181 1,403 3,676 1,191 3,331 1,734 3,478 8,836	216 1,555 519 1,439 505 1,697 838 2,496 4,669	347 354 829 252 261 271 250 418 411	South Attantic: Delaware Maryland District of Columbia Virginia West Virginia North Carolina South Carolina Georgia Florida
10,365 8,267 7,740 3,248	2,782 1,736 1,925 1,243	18 40 34 50	6,698 8,300 7,879 4,662	1,798 1,743 1,959 1,784	45 50 40 47	2,413 2,915 2,929 1,646	720 861 815 554	879 893 669 495	456 1,051 1,141 766	2,230 2,579 2,326 1,200	909 1,329 1,278 585	244 279 318 224	East South Central: Kentucky Tennessee Alabama Mississippi
3,283 15,313 7,411 42,388	1,392 3,417 2,245 2,589	47 12 30 23	3,998 10,344 6,713 32,803	1,695 2,308 2,034 2,004	51 26 34 36	1,704 3,280 2,638 14,107	413 1,026 638 2,652	467 1,124 693 2,226	398 1,261 688 3,088	1,016 3,653 2,056 10,729	599 1,439 1,219 6,358	254 321 369 388	West South Central: Arkansas Louisiana Oklahoma Texas
1,884 1,147 2,291 8,959 3,954 11,819 7,924 2,802	2,281 1,141 4,501 2,773 2,727 3,709 4,817 2,993	28 51 4 19 21 8 3 14	2,121 7,784 3,678 7,345 3,827	1,868 4,166 2,409 2,536 2,305	8 42 3 20 12 27 24 13	798 712 801 2,866 1,445 2,779 1,585 606	304 242 344 706 407 774 462 260	196 147 91 700 260 576 312 131	114 178 203 637 291 346 243 243	747 599 681 2,876 1,275 2,870 1,225 1,116	401 315 551 1,490 691 1,835 1,740 447	486 314 1,082 461 476 576 1,058 477	Mountain: Montana Idaho Wyoming Colorado New Mexico Arizona Utah Nevada
17,873 9,863 50,361 9,881 3,055	4,054 3,671 1,910 18,965 2,898	6 9 35 1 16	6,640	2,471	14 17 9 1 18	3,934 2,469 .22,271 1,234 730	1,159 554 3,271 550 134	1,180 519 9,938 210 269	856 410 6,004 191 185	3,963 2,688 26,945 2,769 1,263	2,352 882 7,831 1,462 369	533 328 297 2,807 350	Pacific: Washington Oregon California Alaska Hawaii

<sup>9 1970</sup> to 1982, based on personal income for the previous calendar year; beginning 1983 based on income for calendar year.
4 Includes general functions, liquor stores, and utilities.

Source: U.S. Bureau of the Census, Governmental Finances, series GF, No. 5, annual.

## State and Local Government Finances and Employment

#### No. 442. STATE GOVERNMENTS—SUMMARY OF FINANCES: 1980 TO 1985

[For flecal years; see text section 9. See also Historical Statistics, Colonial Times to 1970, series Y 710-782]

ITEM		TAL (mil. c			CAPITA 1			T DISTRIB	- 11-2-1-
	1980	1984	1985	1960	1984	1985	1980	1984	1965
Borrowing and revenue		424,698	476,511	\$1,299	\$1,803	\$2,001	100.0	100.0	100
Gorrowing Revenue General revenue Taxes Sales and gross receipts General Motor fuels Alcoholic beverages Tobacco products Other Licenses	16.394	27,611	37,547	73	117	158	5.6	6.5	7
Revenue	276,962	397,087 330,740	438,963	1.226	1,686	1,843	94.4	93.5	92
General revenue	233,592	330,740	438,963 365,354	1,034	1,404	1,843 1,534	79.6	93.5 77.9	76
Taxes	137,075	196,795	215,320	607	836	904	46.7	46.3	45
Sales and gross receipts	67,855	95,801	105,325	300	407	442	23.1	22.6	22
General	43,168	12,396	69,629 13,352	191	266	292 56	14.7	14.7	14
Alcoholic houseages	9,722	2,900	3,031	11	53 12	13	3.3	2.9	2
Tobacco products	3 738	4 149	4,247	17	18	18	1.3	1.0	
Other	8.750	4,149 13,793	15,065	39	59	63	3.0	3.2	3
Licenses	8,690	11,922	19 546	38	51	57	3.0	2.8	2
Motor vehicles Corporations in general Other	4,936	6,354	7,045	22	27	30	1.7	1.5	1
Corporations in general	1,388	2,104	2,767	6	9	12	.5	.5	
Other	2,366	3,464	3,734	10	15	16	.8	.8	
Individual income Corporation net income Property	37,089	58,942	63,644	164	250	267	12.6	13.9	13
Corporation net income	13,321	15,511	17,637	59	66	74	4.5	3.7	- 3
Property	2,892	3,862	3,984	13	16	17	1.0	.9	2
Other	7,227	10,757	11,184	32 142	46 223	47 253	11.0	2.5	12
Charges and miscellaneous	64,326	52,495	60,148 89,887	285	346	377	21.9	12.4	16
From Federal Government	61,892	81,450 76,140	84,434	274	323	355	21.1	17.9	18
Public welfare	24,680	35,423	38,664	109	150	162	8.4	8.3	É
Education	12,765	13,975	15,307	57	59	64	4.4	3.3	200
Highways	8,860	10,380	12,702	39	44	64 53	3.0	2.4	3
Other	15,587	16,362	12,702	69	69	75	5.3	3.9	
From local governments	2,434	5,310	5,453	11	23	23	.8	1.3	1
Liquor stores revenue	2,765	2,759 60,950	5,453 2,753	12	12	12	.9	.6	
Insurance trust revenue 2	39,301	60,950	67,907	174	259	285	13.4	14.4	14
Employee retirement	21,146	38,564	43,993	94	164	185	7.2	9.1	
Public welfare. Education Highways. Other From local governments. Liquor stores revenue Insurance trust revenue * Employee retirement. Unemployment compensation Utility revenue.	13,468	16,671	17,596 2,948	60	71	74	4.6	3.9	3
Expenditure and debt redemption	100	361,901	402,888	1,166	1,537	1,692	100.0	100.0	100
		7	-	-	-	-			100
Debt redemption	5,682	10,364	12,060	25	44	51	2.2	2.9	
expenditure *	257,812	351,537	390,828	1,141	1,493	1,641	97.8	97.1	97
General expenditure	228,223	309,775	345,133	1,010	1,315	1,449 540	86.6	85.6	85
D. Alic wolfers	87,939	116,058	128,604	389 196	493		33.4	32.1	31
Public Wellare	25 044	62,749 28,840	67,317 33,186	111	266 122	283 139	16.8	17.3	16
Haalth and bossitals	17 955	24,982	27,595	79	106	116	6.8	6.9	
State hospitals	11,005	15,068	15,802	49	64	66	4.2	4.2	1
Other hospitals and health	6.840	9,914	11,793	30	42	50	2.6	2.7	1
Education. Public welfare Highways. Health and hospitals. State hospitals Other hospitals and health. Corrections.	4 449	7,732	9,171	20	33	39	1.7	2.1	- 3
Natural resources	4,346	5,945	6,758	19	25	28	1.6	1.6	
General control	3,232	4,654	5,231	14	20	28 22	1.2	1.3	100
Financial administration	3.031	4.517	5.019	13	19	21	1.2	1.2	1
Police protection Employment security	2,263	3,140	5,019 3,518	10	13	15	.9	.9	
Employment security	2,001	2,546	2.582	9	11	11	.8	.7	
Housing and community development Misc. and unallocable	601	1,306	1,540	3	6	6	.2	A	
Misc. and unallocable	33,242	47,308	54,611	147	201	229	12.6	13.1	13
Liquor stores expenditure	2,206	2,313	2,391	10	10	10	.8	.6	
Insurance trust expenditure *	24,961	34,632	37,940	111	147	159	9.5	9.6	
Employee retirement	10,256	16,467	18,230	45	70	77	3.9	4.6	1
Liquor stores expenditure Insurance trust expenditure  Employee retirement. Unemployment compensation. Utility expenditure.	12,006	13,987	14,928 5,364	53	59 20	63 23	4.6	3.9	1
by character and object: Intergovernmental expenditure	1.5		-,		- 25	37		100	
Intergovernmental expenditure	84.504	108,373	121,571	374	460	511	32.1	29.9	30
Direct expenditure	173.307	243,164	269,257	767	1,032	1,131	65.8	67.2	66
Current operation	108,131	156,922	172,210	479	666	723	41.0	43.4	43
Capital outlay	23,325	25,486	30,657	103	108	129	8.9	7.0	
Construction	19,736	19,507	23,877	87	83	100	7.5	5.4	
Land and existing structures	1,345	1,883	1,833	6	8	8	.5	.5	
Equipment	2,243		4.947	10	17	21	.9	1.1	1111
Assistance and subsidies	9,818	12,386	12,842	43	53	54	3.7	3.4	1
Interest on debt	7,052	13,738 34,632	15,608 37,940	111	58 147	159	2.7 9.5	3.8 9.6	1
	12.00	2.010-	12.00		131		212		III-
		186,377	211,904	540	791	890	100.0	100.0	100
Debt outstanding, yearend		1400 000	209,112	530	778	878	98.2	98.3	98
	119,821	183,208	209,112	000		22.7	72.2		
	119,821 49,364	57,349	60,432	219	243	254	40.5	30.8	
Long-term	119,821 49,364 70,457	57,349 125,859	60,432 148,680	219 312	243 534	254 624	40.5 57.8	30.8 67.5	70
Long-term		57,349	60,432	219	243	254 624 12 463	40.5	30.8	26 70 1 52

Besed on estimated resident population as of July 1; except 1930 based on resident population enumerated as of April 1, 1930.
 \*\*Includes other items not shown separately.\*\*

Intergovernmental and direct.

Source: U.S. Bureau of the Census, Historical Statistics on Governmental Finances and Employment (GC82(6)-4) and State Government Finances, series GF No. 3, annual.

#### No. 443. STATE GENERAL FUND RESOURCES AND EXPENDITURES: 1986 TO 1988

ns of dollars, except percent. Fiscal year data; see text, section 9. General funds exclude special funds earmarked for ar purposes, such as highway trust funds and federal funds; they support most on-going broad-based State services, and illable for appropriation to support any governmental activity. Minus sign (-) indicates deficit]

	GI	ENERAL FU	IND	EX	PENDITUR	ES '			BAL	ANCE 5		
TATE	1986	1987 2	1988 3	1986	1987 1	1988 3		Total			s percen xpenditu	
	0.00	1000	5.02	7.25	1177	26-7	1986	1987 =	1988 1	1986	1987 ²	1988
States	215,667	223,144	226,541	203,869	215,633	217,226	5,398	1,635	3,354	2.6	.8	1.5
	2,778	2,538	(NA)	2,770	2,537	(NA)	9	1	(NA)	.3	-	(NA
	2,593	1,506	1,937	2,789	2,381	1,885	-196	-875	52	-7.0	-36.7	2.8
		2,401 1,631	1,702	2,329 1,587	2,396 1,631	2,383 1,702	-16	5	19	7	.2	3.
		31,242	32,236	28,841	30,890	31,264	686	561	1,040	2.4	1.8	3.3
***************************************	1,997	2,163	2.513	1.867	1,971	2,140	4	130	323	.2	6.6	15.1
cuttuc	4.318	4,507	4,919	4,012	4,343	4,919	100	1.34	-	-	-	1000
	1,070	1,067	1,108	929	939	1,001	141	128	108	15.2	13.6	10.8
	7,028	7,745	8,870	6,842	7,785	8,445	186	-	-	2.7	-	
		5,410	5,772 1,943	5,029	5,410 1,725	5,772	94	112	113	1.9	45	6.2
	582	1,837	1,943	581	609	1,830	137	112	113	8.6	6.5	6.2
		11,452	12,496	10,014	10,398	11,403	288	219	219	2.9	2.1	1.9
I TOTAL TOTA	3,330	3,520	3,624	3,123	3,272	3,378	39	16	- 11	1.2	.5	.3
	2,152	2,181	2,444	2,144	2,175	2,435	1 2	100	1.4	-	-	
MIN BY THE REAL PROPERTY AND ADDRESS OF THE PA	1,763	1,785	2,014	1,743	1,732	1,860	20	52	129	1.1	3.0	6.9
-		3,117	3,344	2,655	2,955	3,293	209	137	1	7.9	4.6	(2
Innanananananananananananananananananan		3,971 1,047	(NA) 1,131	4,313 951	3,963 1,044	(NA)	-202	В	(NA)	-4,7 1.1	,2	(NA
	150	100	11.00	2.50	No. Car	11.41204	100			10.00		
usetts		4,544 7,172	4,925 7,659	4,160 6,183	4,452 6,829	4,916 7,368	333	42 39	4	1.3	.9	-1
usons		6,311	6,495	5,970	6,280	6,457	153	31	39	2.6	.5	1 2
8		5,546	5,616	4,855	5,238	5,431	370	179	40	7.6	3.4	
pl		1,542	1,547	1,517	1,512	1,547	52	31	-	3.4	2.1	
	3,167	3,341	3,655	3,057	3,341	3,655	110		1.6	3.6		
MINISTER OF STREET		400	415	367	382	402	16	27	13	4.4	7.1	3.2
Insperse contra		865	888	830	875	862	18	-10	26	2.2	-1.1	3.0
Andrews Signature Co. Labor.	561	612	600	474	569	556	85	44	44	17.9	7.7	7.5
npshire	502	535	551	469	484	526	32	26	24	6.8	5.4	4.6
iey	9,251	9,566	10,064	8,730	9,119	9,869	521	448	195	6.0	4.9	2.0
ico		1,560	1,620 26,444	1,414	1,459	1,516 25,194	124	93 169	106 185	8.8	6.4	7.0
rolina		5,528	5,821	4,972	5,350	5,641	319	178	180	6.4	3.3	3.2
kota		557	542	525	556	546	109	1	-4	20.8	2	7
****************	10,032	10,605	10,725	9,567	10,573	10,678	458	32	47	4.8	.3	1
aanatatatata		1.683	1,768	2,040	1,641	1,681	-	15	87	23.5	.9	5.2
***************************************	1,794	1,940	1,831	1,604	1,737	1,720	191	203	112	11.9	11.7	6.5
ania	9,555	9,961	10,315	9,292	9,649	10,243	213	262	2	2.3	2.7	(z
land	100	1,174	1,225	1,048	1,117	1,193	52	45	19	5.0	4.0	1.6
irolina	2,570	2,671	2,829	2,592	2,671	2,804	15	-6	-	.6	2	
ikota	2,950	391	3,133	346 2,598	364 2.966	365	144	27 75	8 75	9.0	7.4	2.5
Participani o con		10,552	9,028	8,287	8,564	6,282	-231	-1,030	15	-2.8	-12.0	2.5
****************		1,258	1,372	1,277	1,284	1,372	2	1,000	12	2	-12.0	1
-	398	442	464	389	427	457	3	11	7	.8	2.6	1.5
-		4,766	4,942	4,021	4,766	4,937	206	11	5	5.1	-	1 3
lonnoi	4,521	4,834	5,291	4,520	4,728	5,261	1	107	29	-	2.3	
ginia		1,705	1,617	1,597	1,686	1,617	112		-	7.0	100	1 3
n		5,156	5,354	4,872	5,054	5,299	237	102	55	4.9	2.0	1.0
	530	434	313	424	402	304	106	-	35	25.0	-	11.5

presents zero. NA Not available: Z Less then .05 percent. Includes funds budgeted, adjustments, and from previous year. Estimates, urces, less expenditures and transfers.

National Governors' Association and National Association of State Budget Officers, Washington, DC, Fiscal Survey of Its, semi-annual (copyright).

No. 444. STATE GOVERNMENTS-REVENUE,

(In millions of dollars, except as indicated.

					GENER	AL REVENU	E			DEBT
YEAR.	Total	Total	al	cap		Intergove	rnmental nue		Charges	STAND ING
DIVISION, AND STATE	eune 1	Amount	Rank	Total (dol.)	Rank	From Federal Govern- ment	From local governments	Taxes	and miscel- laneous	Total
970 1975 1980	88,939 157,033	77,755 134,611	(%)	384 634	(%)	12,252 36,148	995 1,680	47,962 80,155	9,545 16,629	42,000 72,12
1980	276,962	134,611 233,592	SSSSS	1,034	88888	61.892	2,434 3,139	137,075	32 190	121.95
982	330,899 357,661	275,111	(x)	1,218	(x)	66,026 68,985	3,139	162,607	43,338 46,312	147,470
1984	397,087	290,480 330,740	(x)	1,404	(x)	76,140	5,310	171,440 196,795	52,495	186,37
U.S., 1985	438,963	365,354	(x)	1,534	(x)	84,434	5,453	215,320	60,148	211,90
lew England:	9100	100	10.3		1.3	707		1.5	100	1132
Maine New Hampshire	2,137 1,361	1,848	41 48	1,587	20 49	564 307	27	1,005	274 299	1,22
Vermont	1.109	984	49	1.840	10	302	5	459	219	88
Massachusetts	11,485 2,129	10,417	10	1,/09	12	2,186	206	6,621	1,405	10,10
Connecticut	6,268	1,860 5,698	40 21	1,921 1,795	11	1,066	22	862 3,498	1,132	2,81 6,38
Middle Atlantic:	0.455	15000	6	E.			(0,0)		1	NO.
New York	46,762	37,432	2	2,105	7	9,161	2,921	20,702	4,649	32,35
New Jersey Pennsylvania	15,905 20,337	37,432 13,245 16,662	8	1,751	13	2,671 4,051	124	7,719 10,162	2,732	13,36 7,28
East North Central:	20,007	10,002	1	1,400	20	4,051	"	10,102	2,372	1,20
Ohio	21,242	14,776	7	1,375	31	3,276	136	8,652	2,712	8,20
Indiana	7,917 17,573	7,102	17	1,292	39	1,617	19 66	4,336	1,130	1,73 9,78
Illinois Michigan	17,262	15,377 15,165 8,185	6	1,333 1,669	18	3,770 3,573	448	9,228 8,684 5,066	2,314 2,460	5 90
Wisconsin	9,740	8,185	13	1,714	15	1,927	70	5,066	1,122	4,47
West North Central: Minnesota			1.0				5		500	
lowa	9,378 4,697	8,261 4,004	12 31	1,970	8 29	1,709 952	94	5,228	1,230 699	3,50 1,32
Missouri	6.682	5,786	20	1,150	46	1.479	22	3.352	933	3,31
North Dakota	1,651	1,472	44	2,149	5	341	23	692	416	58
South Dakota	1,082 2,144	929 2,003	50 39	1,313	37	306 525	8 29	355 1,040	260 409	1,08
Kansas	3,714	3,142	34	1,282	40	725	14	1,915	488	31
South Atlantic:		1.54	-		1				200	22.
Delaware	1,682 8,221	1,542 7,093	43 18	2,479 1,615	19	236 1,499	35	816 4,322	1,237	1,83 5,09
Virginia	9,030	7.687	14	1 347	33	1.536	94	4.469	1.587	3.31
	3,672	2,964 8,288	35	1,531	23 36	744	5	1,856	360 1,051	1,62
South Carolina	9,879 5,825	4.545	27	1,325	32	1,933 1,058	106	5,198 2,732	729	2,15
North Carolina	8,760 13,763	7,572 11,847	15	1,267	42	2,149 2,326	45	4,525	852	2,15 5,01
Florida	13,763	11,847	9	1,042	50	2,326	47	8,329	1,145	5,01
East South Central:	****					5.500				7.35
Kentucky	6,178 6,142	5,396 5,351	24 25	1,448	27 48	1,451	10 36	3,013 2,998	923 705	3,63
Alabama	5.601	5.535	22	1,377	30	1,515	31	2,924	1,066	3,24
Mississippi	3,923	3,303	32	1,264	43	1,022	14	1,812	456	1,00
West South Central:				1						
Arkansas	3,342 8,156	2,925 6,961	36 19	1,240	45 22	814	4	1,745 3,856	362 1,520	8,09
Oklahoma	5,672	4,933	26	1,495	25	1,573 942 3,847	12 23 12	2,982	986	3,58
Texas	21,346	18,796	3	1,148	47	3,847	12	11,541	3,397	5,19
Mountain: Montana	1,738	1,386	46	1,680	16	422	12	641	314	74
Idaho	1,610 1,946	1,299	47	1,292	38	353	15	734	197	62
Wyoming	1,946 5,298	1,704 4,133	42 29	3,348	41	423 987	10	806 2,284	469 852	1,52
Colorado	3.624	3,169 4,293	33	2,186	4	527	37	1,439	1,167	1,27
Arizona	5,330		28	2,186 1,347	34	695	81	1,439 2,945	572	1,33
Utah Nevada	3,133 1,909	2,583 1,398	37 45	1,570	21 26	736 269	20	1,324	503 180	1,33
neether.			150	1	0.001		1	, lot	1 25	1
Washington Oregon California	9,781	7,407	16	1,680	17	1,775	139	4,586	908 1,040	3,03
California	5,337 57,894	4,079 46,047	30	1,518	24	1,007	50 208	1,983	1,040 5,665	3,03 6,60 16,05
Alaska	5,918	5,453 2,245	23	10,467	1	397	200	1,886	3,169	5,69 2,71
Hawaii	2,677	9.945	38	2,130	6	404	9	1,363	476	9 71

X. Not applicable. Includes liquor stores, utilities, and insurance trust activities, not shown separately. Includes liquor stores, utilities, and insurance trust activities, not shown separately. In 1970 and 1980 assertion as of April 1, 1970, and 1980 based on provisional 1980 estimate at of April 1, 1975, 1983, 1984, and 1985 based on estimated resident population as of July 1.

## DEBT, AND EXPENDITURE 1970 TO 1985, AND BY STATE: 1985

For flocal year ending in year shows; see text, section 9)

DEE					G	ENERAL EX	PENDITURE	s			
STANDI	NG-	Total		Total *			Sele	ected func	tions		
Per ca		expendi-		Per ca	pita *	2.50	5.5	5.5	Health	Natural	YEAR, DIVISION, AN
Total (dol.)	Rank	85,055 158,882 257,812 310,358 333,917 351,537 390,828	Amount	Total (dol.)	Rank	Educa- tion	Public welfare	High- ways	and hospi- tals	re- sources	annie.
207 340 540 653 717 791	88888	158,882 257,812 310,358 333,917	77,642 138,303 228,223 269,490 284,939 309,775	383 651 1,010 1,193 1,221 1,315	XXXXXX	30,865 54,012 87,939 102,984 107,703 116,058	13,206 25,559 44,220 55,257 57,544 62,749	13,463 17,483 25,044 25,131 26,431 28,840	5,355 10,158 17,855 22,264 23,805 24,982	2,223 3,554 4,346 5,485 5,834 5,945	1970 1975 1980 1982 1983 1984
890	(X)	390,828	345,133	1,449	(x)	128,604	67,317	33,186	27,595	6,758	U.S., 1985.
1,052 1,983 1,659 1,735 2,907 2,013	18 7 12 11 3 6	1,948 1,195 1,034 11,028 2,010 5,429	1,705 1,012 954 10,171 1,787 4,871	1,465 1,014 1,783 1,747 1,846 1,535	22 50 10 11 8 19	547 201 314 2,546 489 1,280	436 185 172 2,460 432 953	185 163 120 469 117 443	91 99 58 977 180 479	50 15 30 71 12 39	N. Eng.: ME. NH. VT. MA. RI. CT.
1,819 1,767 615	8 10 36	40,106 14,080 18,067	33,359 11,858 15,088	1,876 1,568 1,273	7 16 37	9,449 3,472 4,841	9,621 2,128 3,927	1,514 952 1,770	3,256 785 1,224	182 108 235	Mid. Alt.: NY. NJ. PA.
764 315 848 650 937	30 48 25 33 21	17,568 7,084 16,491 15,634 8,718	14,071 6,624 14,781 14,063 7,994	1,310 1,205 1,281 1,547 1,674	34 43 36 18	5,431 2,908 4,917 4,185 2,716	3,134 1,009 3,489 3,885 1,795	1,425 769 1,851 1,114 590	1,127 446 925 1,621 545	181 119 168 185 152	E. No. Cent OH. IN. IL. MI. WI.
835 460 660 855 1,535 640 130	27 40 32 24 13 34 50	8,121 4,630 5,817 1,541 1,005 2,137 3,248	7,492 4,229 5,442 1,440 964 2,067 3,002	1,787 1,466 1,082 2,103 1,362 1,287 1,225	9 21 46 3 28 35 42	2,696 1,790 2,201 541 255 693 1,353	1,480 735 937 177 120 329 457	714 694 696 212 181 369 461	512 323 473 94 59 177 241	197 75 123 50 51 79 82	W. No. Cen MN. IA. MO. ND. SD. NE. KS.
2,945 1,159 581 841 345 1,017 361 441	2 16 38 26 46 19 44 41	1,335 7,365 7,833 3,343 8,492 5,254 7,618 12,854	1,251 6,381 7,234 2,780 7,828 4,400 7,067 12,148	2,011 1,453 1,268 1,436 1,252 1,315 1,186 1,069	4 24 38 25 39 33 44 48	481 1,965 3,027 1,192 3,827 2,077 3,035 4,977	117 1,199 953 355 945 505 1,135 1,547	124 809 997 426 805 382 940 1,210	81 507 745 142 676 487 604 950	23 133 78 73 184 101 182 420	So. Atl.: DE MD. VA. WV. NC. SC. GA. FL.
975 402 806 385	20 42 29 43	5,447 5,439 6,082 3,561	4,982 5,025 5,544 3,204	1,337 1,055 1,379 1,226	29 49 27 41	2,016 2,003 2,427 1,265	863 853 660 482	629 701 670 410	288 444 556 266	150 87 113 105	E. So. Cent. KY. TN. AL. MS.
350 1,806 1,085 317	45 9 17 47	3,018 7,581 5,077 19,074	2,797 6,562 4,367 17,536	1,186 1,464 1,323 1,071	45 23 31 47	1,233 2,361 1,950 9,545	462 1,098 701 2,146	363 682 523 1,650	216 702 375 1,386	83 168 77 306	W. So. Cent AR. LA. OK. TX.
901 626 1,487 471 881 215 811 1,184	22 35 14 39 23 49 28 15	1,557 1,440 1,497 4,817 3,041 4,599 2,818 1,643	1,318 1,256 1,365 4,251 2,861 4,251 2,564 1,318	1,595 1,250 2,681 1,316 1,973 1,334 1,558 1,408	15 40 2 32 6 30 17 26	436 539 418 1,834 1,264 1,916 1,174 465	184 140 90 676 252 467 310 117	239 206 295 474 313 610 378 199	79 66 60 349 228 155 198 55	84 61 47 107 59 56 65 22	Mt.: MT.: ID.: WY.: CO.: NM.: AZ.: UT.: NV.:
687 2,458 609 10,925 2,571	31 5 37 1 4	9,012 4,812 51,840 4,950 2,539	7,402 3,986 45,775 4,606 2,081	1,679 1,483 1,736 8,840 1,974	13 20 12 1 5	3,292 1,264 17,904 1,144 730	1,209 502 11,001 200 287	863 481 2,297 611 85	489 289 3,109 216 179	206 123 1,204 186 47	Pac.: WA. OR. GA. AK. HI.

<sup>\*</sup> Includes amounts not shown separately.

Source: U.S. Bureau of the Consus, State Government Finances in 1985, series GF 85, No. 3, and Census of Governments: 1877 and 1982, Vol. 6, No. 4, Historical Statistics on Governmental Finances and Employment.

## No. 445. STATE GOVERNMENT TAX COLLECTIONS AND EXCISE TAXES, 1970 TO 1986, AND BY STATE, 1986

[Tex collections for flecal year; see text, section 9. Excise taxes as of September 1. Collections include local shares of Stateimposed taxes. 1995 tax collections preliminary. For composition of regions, see fig. I inside front cover]

			STATE TA	X COLLE	CTIONS (n	nil. dol.)			EXCI	E TAXES	
		Sale	es and gr	oss rece	ipts						
YEAR, REGION, DIVISION, AND STATE	Total <sup>1</sup>	Total 1	General sales or gross re- ceipts	Motor fuels	Alco- holic bever- ages and tobac- co prod- ucts	Indi- vidual income	Corporation net income	Motor vehicle and opera- tors' Ii- censes	General sales and gross receipts (percent) <sup>2</sup>	Ciga- rettes (cents per pack- age)	Gaso line (cent per gal.)
970 °	47,962	27,254 43,346	14,177	6,283	3,728	9,183	3,738	2,728 3,941	(x)	(x)	0
975 <sup>9</sup>	80,155	43,346	24,780	8,255	5,249	18,819	6,642 13,321	3,941 5,325	(x)	(x)	00000
980 <sup>3</sup>	137,075	67,855 105,325	43,168 69,629	9,722 13,352	6,216 7,279	37,089 63,644	17,637	7,659	1 2	120	1 6
985 <sup>3</sup>	215,320	112,343	74,821	14,087	7,511	67,469	18,363	8,374	8888	88888	
Region:		100	100	7 154		0.000	20000		1 58	197	1 6
Northeast	56,266	23,917	14,735	2,223	1,765	21,019	5,755	1,713	8888	(X) (X) (X) (X) (X) (X) (X) (X) (X) (X)	
Midwest	53,143 65,697	26,486 37,384	17,868 23,615	3,823 5,305	1,647	17,172	4,351 3,516	2,375 2,742	1 33	123	1 5
West	52 947	24,555	18,601	2,737	1,075	15,672	4,745	1,544	1 23	1	1 2
lew England	14,476	6,558	4,119	779	540	4,728	1,935	458	5 F&D	(x)	1
Maine New Hampshire	1,101	600	383	91	69	337	52	49	5 F&D	28	
New Hampshire	- 484 500	219 253	(x)	70 38	44 27	25 161	99	43 32	4 F&D	17	
Vermont Massachusetts	7,668	2,525	1,721	291	243	3,617	1,068	153	5 FAD	17 26	
Rhode Island	886	470	291	47	37	287	68	26	5 F&D 6 F&D	25	
Connecticut	3,837	2.491	1,625	242	120	301	617	155	7.5 F&D	26	- 3
liddle Atlantic	22,747	17,359	10,616	1,444	1,225	16,291	3,820	1,255	*4 F&D	(x)	
New York	8,360	7,479 4,566	4,761 2,614	469 339	583 273	11,582	1,902	483 333	4 F&D	25	
Pennsylvania	10,683	5,314	3,241	636	369	2,656	963	439	6 F&D 6 F&D	18	
Pennsylvania	38,127	19,050	12,923	2,635	1,109	12,236	3,380	1,557		(x)	1
Ohio	9.062	4,938	3,166	664	253	2,777	478	345	45 F&D	14	
Indiana	4,458 9,801	2,727 5,289	2,161 3,366	369	112	1,327	184 860	102 598	5 F&D	10.5	3
Illinois	9,801	3,763	2,687	619 593	264 313	2,645 3,248	1,450	344	45 F&D 4 F&D	20 21	
Wisconsin	5,492	2.333	1.543	390	167	2,239	408	168	15 FAD	25	17
Wisconsin West North Central Minnesota	15,016	7,436	4,945	1,188	538	4,936	971	818		(X)	(
Minnesota	4,898	2.209	1,359	336	153	1,949	367	255	*6 F&D	23	
lowa	2,459	1,160	769	231	87	864	139	181	4 F&D 4 4.225 D	26 13	
North Dakota	. 616	1,976	1,530	215	107	1,116	174 56	191	4 F&D	18	
South Dakota	. 404	319	199	57	24		24	27	44 D	23	1.0
Nebraska	1,119	605	350	147	45	(x) 352	55	52	4 3.5 F&D	23	1
Kansas	1,912	887	561	152	104	582	156	80	*4 D	24	
South Atlantic 3	34,753	18,641	12,183	2,611	1,475	10,036	2,275	1,229	(X)	(X)	
Maryland	4,670	2,100	1,190	309	95	1,930	250	106	5 F&D	13	12
Maryland District of Columbia <sup>9</sup>	1,717	527	361	24	16	445	151	19	6 F&D	13	15
VII QINIA		1,962	1,020	308	115	2,174	281	230	*3 D	2.5	0.5
West Virginia	1,849	1,145	811	152	43	479	89	65	5 F&D	17	10
North Carolina	5,580 2,887	2,312 1,628	1,384	424 253	144	2,207	512 149	224 72	*2 D	2 7	15
Georgia	4,917	2,339	1,640	393	207	1,945	418	85	43 D	12	
Florida	9.120	7 062	5,027	739	721	1,917	487	405	5 F&D	24	
East South Central	11,402	6,920	4,616	943	468	1,917	757	414	45 F&D	(x)	
Tennessee	3,216	1,434 2,517	1,866	195 369	143	820 67	234 269	103	15.5 F&D	13	1 3
Alabama	2 997	1,661	838	254	168	757	157	109	44 D	16.5	
Mississippi	1,917	1,308	1,031	125	90	273	97	65	6 D	18	
West South Central	19,542	11,823	6,816	1,751	1,082	1,656	484	1,099	* 4 D	(X)	13
Mississippi West South Central Arkansas Louisiana	1,827	1,045	697	198	87	510 458	113	76	*4 D	16	
Oklahoma	3,630	1,891 1,217	1,135	336 206	141	688 688	264 107	81 247	4 F&D	18	
Texas	11,125	7,670	4,328	1,011	727	(x)		695	4.125 F&D	20.5	
Mountain	11,572	6,280	4,335	948	322	2,641 172	(x) 528	481	(X)	(x) 16	13
Montana	617	141	250	79	27	172	59	32	(x)		
Idaho Wyoming	745	375 238	250 184	78 37	19	256	43	33	5 D	9.1	14
Wyoming	2.344	1,075	737	194	75	(x) 956	(X) 117	79	13 F&D	20	
Colorado	1,462	845	626	105	33	103	72	37	44.75	15	
Arizona	3,196	1,969	1,459	257	92	702	171	173	4.5 F&D	15	
Utah	1,365	740 897	559 520	118	30 40	452	66	35 49	4 4.594 D 4 5.75 F&D	12	11.
acific	41,375	18 275	14,266	1,789	753	13,031	4,217	1,063			11
Washington	5,219	18,275 3,967	3.113	394	204	(x)	(x)	141	6.5 F&D	(x)	
Oregon	1,931	13,023	10,406	134	85	1,194	(X) 162	169	4.75 F&D	27	
California	30,878	13,023	10,406	1,194	393	11,368	3,833	720	* 4.75 F&D	10	
AlaskaHawaii	1,856	945	(X) 747	23	21 50	468	178	18	(X)	16	
I IOWON COMPANY OF THE PROPERT	1,491	845	747	44	50	408	44	15	4.0	(*)	1 1

X Not applicable. Includes amounts for types of taxes not shown separately. F-food exampt from sales tax;
D=prescription drugs exempt from sales tax. PDC excluded from total. \*Local sales tax rates are additional.
\*An additional tax is levied at the rate of 3 percent of the retail sales price, less the current 7.5 cents per gallon tax. Tax is 40 percent of wholesale price. Combined State and county rates are: Hawaii 16 cents; Honolulu 18.5 cents; Kauel 15 cents;

#### Individual Income Taxes

#### No. 443. STATE GOVERNMENT INDIVIDUAL INCOME TAXES: 1987

August 1967. Only basic rates, brackets and exemptions are shown. Local income tax rates, even those mandated by the s, are not included. Toxable income rates and brackets listed below apply to single individuals and married taxpayers filing blined separate" returns (in States where this is permitted). Alaska, Florida, Nevada, South Dakota, Texas, Washington, and ring have no State income tax)

	Taxable		E INCOME CKETS	PERS	ONAL EXEMP	TONS	ا ا	BIZE OF STA DEDUCTION		Federa
TE	income rates (range in percent)	Lowest: amount under	Highest: emount over	Single	Married— joint return	Depend- ents	Per- cent	Single	Merried— joint return	tax deducti ble <sup>3</sup>
	2.0-5.0	4 \$500	4 \$3,000	\$1,500	\$3,000	\$300	20	\$2,000	\$4,000	Yes
**********	2.0-8.0	1,155	6,930	1.995	3,992	1,198	19.4	996	1,995	Yes "
	1.0-7.0	2,909	25,000	1,20	7.40	20	10	1,000	1.000	No
•••••	1.0-11.0	1,710	28,790	1 43	7 86	7 14	l ix	1,710	3.420	No
	1.0-11.0	1,710	20,750		teral income		ı (^ <i>)</i>	1,710	3,420	1140
					nited income					
	1.0-8.8	1,000	40,000	1.000	2.000	1.000	1 10	1.000	1.000	Yes *
	2.0-11.0	1,000	25,000	750	1,500	750	(x)	1,000	1,000	No
	1.0-8.0	750	7,000	1,500	3.000	700	10 15	10 2,300	10 3,000	No
	2.25-10	1,000	20,000	1,900	3,900	1,900	(x)	1,000	1,700	No
	2.0-8.2	1,000	20,000	1,500		as federa		1,000	1,700	No.
•••••				1.000	San 1 2,000	1.000		6-1		No
•	2.5		t rate	1,000	2,000	1,000	(x)	(x)	(X)	No.
	3.4	Fle	t rate		7.40		(x)	(x)	(x)	Yes
	.5–13.0	18 1,023	18 78,725	1 20		7 15	15	10 1,200	10 3,000	
••••••	2.0-9.0	2,000	25,000	1,000	2,000	1,000	16	10 2,400	10 2,800	Yes 13
	2.0-8.0	3,000	6,000	7 20	7 40	7 20	(x)	650	850	Yes
	2.0-8.0	10,000	50,000	14 4,500	14 9,000	14 1,000	(14)	(14)	(14)	Yes
	1.0-10.0	2,000	25,000	1,000	2,000	1,000	10 16	10 2,500	10 3,100	No
	1 2.0-5.0	1,000	3,000	1,000	2,000	1,000	10 13	10 2,000	10 4,000	No
	5.0		rate	2,250	4,400	1,000	(x)	(x)	(×)	No
	4.8		rate	1,500	3,000	1,500	(x)	(x)	(x)	No
•••••	1.0 <del>-9</del> .9	310	16,800	773	7 148	7 73	10	2,500	2,500	Yes 16
	3.0-5.0	5,000	10,000	6,000	9,500	1,500	5	2,300	3,400	No
	1.5-6.0	17 1,000	17 9,000	1,200	1,200	400	(x)		federal 11	Yes
	2.0-11.0	1,300	46,400	1,060	2,120	1,060	20	1,980	3,980	Yas
	2.0-5.9	1,600	27,000	1,100	2,200	1,100	(X)	2,530	3,740	No
				Very limit	ed income te	K 10				
	1 2.0-3.5	20,000	50,000	1,000	2,000	1,000	(x)	(x)	(x)	No
	1.8-8.5	5,200	41,800	2,000	4,000	2,000	(x)	Same a	s federal 11	No
	2.0-8.5	1,000	14,000	900	1,800	900	(x)	3,900	5,300	No
**********	3.0-7.0	2,800	10,000	1,100	2° 2,200	800	10	550	(29)	No
	21 2.67-12	*1 3.000	*1 50,000	1		Same as fe	rderal 1	i		Yes 21
	.751-6.9	5,000	100,000	850	1,300	850	(x)	(x)	(x)	No
	33 .5-6.0	** 1.000	22 7.500	1.000	2.000	1.000	15	2.000	2.000	Yes 11
	5.0-9.0	2,080	5,000	185	7 170	7 85	10 13	10 1,900	10 3,000	Yan 38
	2.1	Flet	rate	(x)	(x)	(x)	(x)	(x)	(x)	No
					al income tax		,	1 4.9	1 44	No
	3.0-7.0	4,000			~	Same as to	rieral 1			No
	3.0 7.0	, ,,,,,,,	.0,000		ed income te	, 34 <b></b>				
	2.75-7.75	750	3.750		1.500		10 15	2.000	2,000	l Yas
	2				income tax I		,	,000	. 2,500	No
•••••	2.0-5.75	3.000	14.000	700	1.400	700	1 15	2,000	4.000	No
**********	3.0-8.5	10,000	80,000	2.000	4,000	2,000		No deduction		No
	5.0-7.9	7,500	30,000	7 20	7,000	7 20	(x)	5,200	7.200	No

Not applicable. 

The lesser of either (a) the percentage indicated, multiplied by adjusted gross income or (b) the dollar listed. 

A State provision that allows the tappayer to deduct fully the Federal income tax payment reduces the effective real tax rates for persons in the highest State and Federal tax brackets by approximately one-half the nominal tax rate—the ston is of a lesser benefit to other taxpayers. 

States in which one or more local governments levy a local income tax rate—the ston is of a lesser benefit to other taxpayers. 

States in which one or more local governments levy a local income tax rate—the ston is of a lesser benefit to other taxpayers. 

States in which one or more local governments levy a local income tax rate—the ston in the state of the tax ranges from 1% of interest and dividend income or taxpayers with an AGI or 00 to \$57,990 to 12% of such income of taxpayers with an AGI over \$100,000 capital gains are taxed at 7% offer an ption of \$100 is applied. 

Federal income tax deduction limited to \$300 (8800 married). 

Federal income tax deduction limited to \$300 (8800 married). 

A minimum standard ston exists. In instances where the percentage standard deduction is less than the minimum, the minimum deduction amount about the state of the s

ircs: Advisory Commission on Intergovernmental Relations, Washington, DC, Significant Features of Flacal Federalism, 1988

## No. 447. Gross Revenue of Selected States From Parimutuel and Amusement Taxes and Lotteries, 1980 to 1985, and by State, 1985

[For fiscal years; see text, section 9]

	Gross	Pari-	Amuse-	LOTT REVI	TERY ENUE		Gross	Pari-	Amuse-	LOTT	
YEAR AND STATE	reve- nue (mil. dol.)	mutuel texes (mil. dol.)	ment taxes (mil. dol.) <sup>1</sup>	Total (mil. dol.) <sup>2</sup>	Per- cent for prizes	STATE	reve- nue (mil. dol.)	mutuel taxes (mil. dol.)	ment taxes (mil. dol.) <sup>1</sup>	Total (mil. dol.) *	Per- cent for prizes
1980	3,724.5 4,588.3 5,859.3 7,360.1 9,243.5 64.7 20.6 122.8 107.5 404.2 35.8 105.5 122.1 1,191.6	731.5 751.8 730.5 729.3 739.4 111.4 20.6 8.1 64.0 (x) 119.6 60.0 111.4 25.2	234.1 259.6 309.8 386.0 383.7 411.8 (x) .5 14.1 (x) (x) 2.5 8.2 2 (x)	2,188.1 2,713.1 3,548.0 4,784.0 6,237.0 8,121.5 72.9 (x) 96.9 326.9 35.5 105.5 (x) 1,123.4 (x) 1,42 653.7	52.3 52.4 52.2 52.1 52.1 45.9 (X) 57.7 54.6 54.8 54.8 55.8 55.8	<b>₹</b> \$<#\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$	848.2 17.3 196.2 25.5 1,041.8 2.6 1,270.3 819.1 2.1 45.2 1,221.2 1,221.2 8.5 2.2 8.5 5.6 165.6	36.0 22.8 (x) 10.3 6.9 2.5 100.7 11.8 2.1 5.1 12.9 6.1 (x) 2.2 7 7.0	11.1 (X) 4.8 196.2 (1) 180.6 .1 1.1 (X) (Z) (X) (X) (X) (X) (X) (X) (X) (X) (X)	648.5 825.4 (x) 15.1 874.3 (x) 1,168.5 807.4 (x) 40.1 1,208.0 (x) 4.9 156.6 (x)	57.8 51.7 (x) (x) 48.5 51.6 (x) 48.0 52.7 (x) 53.6 50.0 55.3 (x) 53.0 (x) 53.0 (x) 53.0 (x) 55.9

X Not applicable. Z Less than \$50,000. <sup>1</sup> Represents nonlicense taxes. <sup>8</sup> Excludes commissions. <sup>8</sup> Includes States whose gross revenues were less than \$1,000,000 not shown separately. Excludes DC whose lottery began in 1984. Source: U.S. Bureau of the Census, State Government Finances in 1985, series GF85, No. 3, and earlier issues.

#### No. 448. STATE GOVERNMENT REVENUE FROM SEVERANCE TAXES, BY STATE: 1983 TO 1986

[in millions of dollars. For fiscal years; see text, section 9. Severance taxes are taxes imposed distinctively on the removal of natural products, such as oil, gas, other minerals, timber, and fish; from land or water and measured by value and/or quantity of products removed or sold. See source for information on perficuler taxes (including changes in tax rates) and additional analytical detail. For composition of regions, see fig. 1, inside front cover)

REGION AND STATE	1996	1984	1996	1986	STATE	1982	1364	1995	1803
Total	7,465	7,286	7,211	8,129	Mississippi	114.6	103.0	92.9	72.9
Region:					Missouri	(z) 137.6	(Z) 144.8	(z) 150.7	(Z) 129.9
Northeast	.1	.1	.1	.5	Nebraska	5.2	4.5	4.6	4.0
Midwest	370.4	486.4	483.7	333.0	Nevada	(x)	.1	.1	(2)
South	4.487.2	4,338.7	4,244.9	3.319.5	New Hampehire	1.1	.1	.1	.5
West	2,547.7	2,441.0	2,502.5	2,472.4	New Mexico	351.3	367.4	390.8	367.2
Aleberne	77.1	119.5	89.6	75.1	North Carolina	1.2	1.3	1.5	1.4
Alaska	1,494.0	1,393.0	1,399.3	1,432.9	North Dakota	184.5	199.6	176.3	147.0
Arkaneas	28.4	27.1	26.0	22.2	Ohio		6.6	8.2	9.9
California	28.7	17.5	19.1	19.2	Oldehome	777.7	703.7	708.8	571.A
Colorado	36.9	30.0	30.4	22.6	Oregon	49.7	29.2	31.8	32.4
Florida	137.9	157.8	173.2	171.0	South Dakota	5.7	8.9	4.5	5.6
daho	8.	1.2	7,32	.5	Tennesses	3.4	3.3	2.8	23
Indiana	1.6	1.5	1.5	1.3	Texas	2,254.7	2,218.8	2,175.3	1,562.1
Kanees	2.3	117.0	111.9	102.1	Utah	19.7	36.4	49.4	43.9
Kentucky		210.7	228.0	229.3	Virginia	1.3	1.4	1.6	1.8 37.0
Louisiana	869.5	792.1	745.2	619.7	Washington	41.1	31.1	36.2	3/.0
Michigan	81.4	73.3	75.7	52.8	Wisconein	1.0	.9 388.3	1.0 404.0	367.3
Minneeota	84.7	74.1	60.0	9.5	Wyoming	366.9	300.3	707.0	301.3

X Not applicable. Z Less than \$50,000.

Source: U.S. Bureau of the Census, State Government Tax Collections in 1986, series GF86, No. 1, and earlier leaves.

## No. 448. MINIMUM DRINKING AGES—STATES: 1970 TO 1987

[As of June. Includes District of Columbia]

		NL	MBER C	F STAT	ES	-		NUMBER OF STATES							
BEVERAGE AND AGE	1970	1975	1980	1985	1986	1987	BEVERAGE AND AGE	1970	1975	1980	1985	1986	1987		
Distilled spirits:	3	**					Fortified wine: 1	5	20	7	3	,			
18 years	1	19	13	11	7	1	19 years	1	7	14	11	7	1		
20 years	4	1	5	1	3	1.2	20 years	4	_1	5	35	2	1 2		
21 years	43	24	25	36	41	50	21 years	41	23	25	35	40	50		
Table wine:	1.19	100	100		100	1000	Beer. 2 18 years	10	24	13					
18 years	7	24	11	5	4	1961	19 years	10	7	13	14	0	1 3		
19 years	1	7	14	12	8	1 1	20 years	4	1	5	1 2	2	1 :		
20 years	4	1	5	32	2	-	21 years	37	18	20	31	36	49		
21 years	39	19	21	32	37	50	E. Joe Gunnaman		,,,		0.	40	1		

Represents zero.
 1 A wine having an alcohol content of 14% to 21%.
 Bixcludes 3.2% beer. Purchases of over 3.2% beer lilegal in West Virginia in 1975.
 Source: Distilled Spirits Council of the United States, Inc., Washington, DC, unpublished data.

# . **450.** STATE GOVERNMENT INTERGOVERNMENTAL EXPENDITURES, 1980 TO 1985, AND BY STATE, 1985

[For flecal year, see text, section 9]

IVISION, AND STATE	Total (mil. dol.)	Per capita 1 (dol.)	Rank	As percent of general expenditure	DIVISION AND STATE	Total (mil. dol.)	Per capita 1 (dol.)	Rank	As percent of general expenditure
	84.504	374	00	37.0	So. Att.—Con:		100	100	
	98,743	427	(x)	36.6	VA	2,162	379	32	29.9
	100 007	432	(x)	35.4	W	799	413	24	28.8
	100 272	460	(x)	35.0	NC	3,024	483	17	38.6
, U.S		511	(x)	35.2	SC	1,373	410	25	31.2
ME	377	324	44	22.1	GA	2,254	377	33	31.6
Andreas and the Control of the Contr	100	165	49	16.3	FL	5,211	458	19	42.5
*****************************	140	276	46	15.5	E. So. Cent.: KY	1,297	348	40	26.0
************************	2,978	511	13	29.3	TN	1,276	268	47	25.4
ADDRESS AND DESCRIPTION OF THE PARTY OF THE	200	308	45	16.7	AL	1,493	371	38	26.9
Manager in column 2 and 2	1,067	336	43	21.9	MS	1,147	439	22	35.8
NY		753	4	40.2	W. So. Cent.: AR	901	382	31	32.
***************************************	4 407	585	8	37.3	M	1,590	355	39	24,
***************************************	4 074	419	23	32.9	OK	1,332	404	27	30.5
ent.: OH		476	18	36.3	TX	6,111	373	36	34.9
und Official	2.475	450	20	37.4	Mt.: MT	308	372	37	23.
***************************************	4,321	375	35	29.2	ID	390	388	29	31.
	4,429	487	15	31.5	WY	550 1,563	1,080	2	40.3
Management of the second	3,126	655	7	39.1	NM	1,088	484	16	36.0
ent: MN	2,928	696	6	39.1	4.7	1,793	750 563	10	42.
THE PERSON NAMED IN	1,412	490	14	33.4	UT.	729	443	21	28.
	1,704	339	42	31.3	An /	503	538	12	38.
(10000000000000000000000000000000000000	394	576	9	27.4	Pac.: WA		554	11	33.0
THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE   THE	188	265	48	19.5	OR	1,100	409	26	27.
	547	341	41	26.5	GA		841	3	48.
	923	377	34	30.8	AK		3,021	1	34.
DE	239	384	30	19.1	Hì	25	23	50	1.3
	1,732	394	28	27.1	7.0 (00000000000000000000000000000000000	-	20	- 00	1.0

applicable. Besed on estimated resident population as of July 1.

## 451. LOCAL GOVERNMENT GENERAL REVENUE, BY SOURCE, 1980 TO 1985, AND BY STATE, 1985

liens of dollars, for flocal year, see text, section 9. Except for 1982, data are estimates based on sample and subject to sampling variability; see source and Appendix III]

ASION.	Total 1	INTERGOVERN- MENTAL FROM-		FROM OWN SOURCES		DIVISION AND	Total I		FROM-	FROM	
ATE	Total -	Fed- eral	State	Total	Taxes	STATE	Total 1	Fed- eral	State	Total	Taxes
	232,453	21,136	81,289	130.027	86,387	So. Att.—Con.:	DEC.	1.5		1.55 yr	53
	281,045	21,256	95,363	164,426	103,783	MD	5,953	349	1,702	3,902	2,831
	298,394	21,021	98,378	178,994	112,996	DC	3,238	1,348	(x)	1,889	1,574
	323,118	20,795	105,820	196,504	123,399	VA	6,588	373	2,080	4,135	2,991
. U.S.	354,119	21,724	116,380	216,014	134,473	WV	1,875	107	829	939	473
,	15,665	1,226	4,685	9.754	7,719	NC	6,647	399	2,624	3,624	1,960
-	1 150	87	349	717	540	SC		199	1,150	1,706	869
	ODE	77	115	803	690	GA	8,030	566	2,102	5,361	2,536
(SECONDO IN	407	31	116	340	286	FL	16,998	1,479	4,857	10,661	5,099
Mindalah Britis	0 400	771	2.897	4.520	3,366	E. So. Cent		927	5,087	8,668	4,224
inmonveni	000	74	267	658	569	KY		192	1,289	1,716	1,743
	0.040	187	940	2,716	2.267	TN		321 254	1,262	3,164 2,310	1,743
Section and Co. As place						AL	3,980 2,758	161	1,119	1,478	587
-		3,783	23,061	44,431	32,553	W. So. Cent		1.686	9.952	22,838	12,973
		2,297	14,472	27,760	20,797	AR		130	825	1,169	537
inexesses and the		442	3,948	7,137	5,504	LA		304	1,764	3,628	1,962
-		1,045	4,640	9,533	6,252	OK		209	1.246	2.289	1,273
ent		3,450	18,543	36,520	24,142	TX	22,913	1,043	6,118	15,753	9,201
		928	4,910	8,662	5,644	Mt	19,985	1,030	6,513	12,443	6,666
Moneyman	6,699	324	2,526	3,849	2,157	MT		102	277	804	501
	16,147	1,200	4,059	10,888	7,779	ID		65	392	567	294
	13,690	697	3,916	9,077	5,935	WY		47	448	938	507
CHICAGO CONTRACTOR	7,480	302	3,133	4,045	2,626	00	5,392	211	1,315	3,866	2,395
ent	24,355	1,343	7,422	15,590	8,841	NM	2.041	160	1,006	875	371
DESCRIPTION OF THE PARTY OF THE	7,875	380	3.019	4,477	2,179	AZ	4,970	244	1,858	2,867	1,441
	3,985	192	1,341	2,452	1.531	UT	2,367	129	689	1,549	746
immeniorie	5,120	378	1,291	3,451	2,132	NV	1,576	70	529	977	410
Part of the last	940	68	340	432	237	Pac	62,135	3,401	25,495	33,239	18,870
	220	68	159	545	383	WA	6,603	471	2,652	3,480	1,743
- Christman	2,193	113	446	1,634	970	OR		400	972	2,735	1,833
	2 570	144	826	2,600	1,409	CA		2,305	20,900	25,398	14,413
	53,029	4.878	15,621	32,530	18,486	AK		129	930	1,146	503
-	040	57	277	312	153	HI	616	96	41	480	378

t applicable. 

1 Excludes duplicative intergovernmental transactions.

<sup>:</sup> U.S. Bureau of the Census, Census of Governments: 1982, Vol. 6, No. 4, Historical Statistics on Governmental Finances bymant (GC82(6)-4), and State Governmental Finances, series GF No. 3, annual.

t: U.S. Bureau of the Census, Consus of Governments: 1962, Vol. 6, No. 4, Historical Statistics on Governmental Finances, agrees (GC10)-9, and Governmental Finances, series GF No. 5, annual.

#### No. 452. NUMBER OF LOCAL GOVERNMENTS, BY TYPE-STATES: 1982 AND 1987

[Governments in existence in January. Limited to governments actually in existence. Excludes, therefore, a few counties and numerous townships and "incorporated places" existing as areas for which statistics can be presented as to population and other subjects, but lacking any separate organized county, township, or municipal government]

		1982					190	87				
'									Spec	el district	govern	ments
STATE	All local govern- mental units <sup>1</sup>	School district govern- ments	Special district govern- ments	All local govern- mental units	County govern- ments	Munici- pel govern- ments	Township govern- ments <sup>2</sup>	School district govern- ments	Total 1	Natural re- sources	Fire pro- tection	Hous- ing and com- munity devel- opment
U.S	81,758	14,851	28,078	83,166	3,042	19,206	16,001	14,741	29,467	6,400	5,065	3,467
ALAKAXAZAZARCA	1,018 156 452 1,424 4,102	127 232 372 1,111	390 6 130 505 2,506	1,053 172 576 1,401 4,330	67 9 15 75 57	436 149 81 483 443		129 227 339 1,006	421 14 253 504 2,732	68 82 244 523	116 33 367	156 13 130 93
CO CT DE DC	217 2	186 16 19 -	1,030 281 139 1 417	1,591 478 281 2 995	62 3 66	288 31 57 1 391	149	181 16 19 - 95	1,082 200 202 1 414	187 197 133	213 56 - - 48	56 91 3
GA HI ID IL	18 1,018	187 - 117 1,049 305	390 14 659 2,802 897	1,265 18 1,064 6,626 2,800	156 3 44 102 91	532 1 198 1,279 567	1,434 1,006	186 118 1,029 304	409 14 704 2,782 833	28 14 168 913 129	119 800	207 13 114 46
KSKYLA	1,871 3,796 1,241 468 806	456 326 180 68 96	361 1,370 517 39 195	1,876 3,803 1,300 452 799	99 105 119 61 16	955 627 437 301 22	1,300 - 471	451 324 178 66 68	371 1,387 588 24 202	233 269 125 2	85	15 101 24 25
MD MA MI MIN	2,643 3,529	81 509 436 169	264 354 184 356 315	396 835 2,699 3,565 654	23 12 83 67 82	155 39 534 855 293	312 1,242 1,798	81 580 441 172	220 391 250 374 307	162 16 85 120 225	20 1 -	20 24 160 50
MO MT NE NV	3,117 1,029 3,324 184 517	557 399 1,059 17 160	1,195 450 1,157 134 113	3,145 1,248 3,158 197 523	114 54 93 16 10	930 128 534 18 13	325 454 221	561 552 966 17 160	1,215 514 1,119 148 119	154 117 111 29	144 1 <b>26</b> 428 15	177 10 13- 14 22
NJ NM NY NC ND	1,591 319 3,249 905 2,795	548 89 726 - 325	454 101 923 321 692	1,625 334 3,306 915 2,764	21 33 57 100 53	320 96 621 495 366	247 929 1,355	551 91 722 - 309	466 112 977 320 701	16 73 3 141 63	-	107
OH OK OR PA RI	1,702 1,454 5,198	869 638 352 514 3	377 408 825 2,060 80	3,378 1,800 1,501 4,955 125	86 77 35 86	940 591 240 1,022 8	1,318 - - 1,548 31	821 634 351 517 3	409 498 874 1,802 83	100 109 213 8 3	270 1	50 110 20 50 20
SC SD TN TX	1,767 913 4,180	92 198 15 1,124 40	242 199 469 1,681 211	708 1,761 904 4,412 529	46 64 94 254 29	269 309 334 1,156 225	984	92 193 14 1,111 40	211 462 1,691	48 102 123 524 71	31	36 30 1
VT VA WA WV WI	407	273 300 55 409 56	63 83 1,130 292 263 225	673 430 1,778 830 2,714 424	14 95 39 55 72 23	55 228 266 230 580 96	237 - - 1,268	272  297 55 434 56	107 1,176 290 360	21 43 161 17 142 113	410	44 34 20

Represents zero. Includes other types of governments not shown separately.
 Includes "town" governments in the 6 New England States and in Minnesota, New York, and Wisconsin.

Source: U.S. Bureau of the Census, Census of Governments: 1982, vol. 1, No. 1, Governmental Organization; and Census of Governments, 1987, Government Units in 1987, Preliminary Report No. 1.

# NO. 463. COUNTY, MUNICIPAL, AND TOWNSHIP GOVERNMENTS, 1987, AND THEIR POPULATION, 1986, BY POPULATION-SIZE GROUP

(Number of governments as of January 1997; population estimated as of July 1995. Township governments include "towns" in the 6 New England States, Minnesota, New York, and Waconsing

	COUNT	GOVERNM	ENT8	MUNICIPA	L GOVERNM	ENTS	TOWNSHIP GOVERNMENTS			
POPULATION-BIZE GROUP		Population	n, 1986		Population	1, 1986		Populatio	n, 1986	
	Number, 1967	Number (1,000)	Per- cent	Number, 1987	Number (1,000)	Per- cent	Number, 1967	Number (1,000)	Per- cent	
Total	3,042	217,387 100.0		16,200	140,805	100.0	16,601	52,005	100.0	
250,000 or more	167 231 387 618 943 699	113,164 36,559 27,279 21,907 15,580 4,007	52.1 16.4 12.6 10.0 7.2 1.8	61 122 296 562 1,308 16,872	44,059 17,862 19,522 19,413 20,425 28,584	29.4 11.9 13.0 13.0 13.6 19.1	4 29 74 233 766 15,645	1,744 4,015 4,888 7,832 10,899 22,587	3.4 7.7 9.6 15.0 20.9 43.4	

Source: U.S. Bureau of the Census, Census of Governments: 1987, Vol. 1, No. 1, Governmental Organization, forthcoming.

## No. 454. COUNTY GOVERNMENTS—SUMMARY OF FINANCES, 1980 TO 1985, AND PER CAPITA, BY POPULATION-SIZE GROUP, 1985

[Covers flecal years ending between July 1 of preceding year and June 39 of year stated. Represents all counties and their dependent againcies (including dependent achiev) expendent expendent population as of July 1984]

		ALL COU	NTIES (M	l. dol.) 1			PER	CAPITA (do	llars), 19	85	
						All		Countie	s with 19 (1,000)	964 popul	ulation
ІТЕМ	1980	1982	1983	1984	1985	Total (3,041) <sup>2</sup>	Per- cent dis- tribu- tion	Less than 100 <sup>3</sup> (2,651) <sup>2</sup>	100- 199.9 (184) *	200- 299.9 (77) <sup>2</sup>	300 or more (129) <sup>2</sup>
General revenue Intergovernmental revenue * From State government From Federal government General revenue sharing. Tax revenue * Property Charges and miscellaneous General expenditure Capital outlay Other	54,573 24,746 18,969 4,948 1,746 18,813 14,300 11,014 54,291 6,505 47,786	66,655 28,002 22,731 4,315 1,720 22,970 17,744 15,682 64,576 6,391 58,185	70,577 27,773 22,756 4,048 1,736 25,218 19,609 17,587 69,133 6,562 62,571	77,182 29,779 24,690 4,047 1,723 27,901 21,343 19,502 74,247 6,912 67,335	85,500 32,614 26,716 4,708 1,749 30,898 23,193 21,988 80,948 7,603 73,345	401.67 153.22 125.51 22.12 8.22 145.16 108.96 103.30 380.29 35.72 344.57	100.0 38.1 31.2 5.5 2.0 36.1 27.1 25.7 100.0 9.4 90.6	385.80 144.83 114.33 26.81 9.90 125.45 95.23 115.52 354.21 33.69 320.52	124.52	347.09 128.20 106.10 17.64 6.80 117.15 87.50 101.74 336.89 29.33 307.56	439.00 171.02 142.06 21.41 7.61 169.27 126.40 98.71 420.19 39.17 381.02
Public welfare	8,591 8,412 5,227 5,975 3,374 2,661 1,521	10,339 9,596 5,813 7,577 4,231 3,489 1,879	10,442 10,083 6,142 8,101 4,826 3,736 2,018	11,276 10,744 6,460 8,647 5,119 4,015 2,191	12,237 11,683 7,008 9,005 5,566 4,392 2,410	57.49 54.89 32.92 42.30 26.15 20.63 11.32	15.1 14.4 8.7 11.2 6.9 5.4 3.0	31.09 71.74 53.48 46.93 21.80 17.96 11.76	42.64 67.09 29.46 21.54 22.28 19.17 10.37	65.14 34.06 25.08 37.77 23.91 16.42 10.20	78.04 44.08 21.09 45.57 30.55 23.65 11.47
General public buildings Health Correction Natural resources Parks and recreation Interest or general debt. Other and unallocable Debt outstanding, end of year.	1,759 687 1,094 1,542 9,570	1,145 3,735 2,305 666 1,242 2,456 10,103	1,237 4,096 2,766 789 1,351 3,235 10,309 55,277	1,347 4,341 3,118 854 1,390 4,004 10,741 63,081	1,489 4,794 3,466 1,033 1,506 4,652 11,709 72,260	7.00 22.52 16.28 4.85 7.08 21.85 55.01	1,8 5,9 4,3 1,3 1,9 5,7 14,5	6.92 19.64 (*) 4.21 3.28 19.21 46.23 297.29	6.90 22.56 (*) 2.88 4.93 17.95 59.87	8.02 23.64 (°) 3.29 5.79 18.54 64.96	6.87 24.29 (*) 6.09 10.48 25.30 92.69
Long-term Short-term		42,090 2,581	52,304 2,973	60,442	69,192 3,068	325.06 14.41	95.8 4.2	292.53 4.76	290.09 5.60	271.97 14.72	366.41

<sup>&</sup>lt;sup>1</sup>Except for 1982, data for counties under 100,000 population are estimates subject to sampling variation; see Appendix III and source. 
<sup>9</sup> Figures in parentheses represent number of counties in each size group. 
<sup>9</sup> Estimated. 
<sup>4</sup> Includes other revenues not shown separately. 
<sup>8</sup> Included in other and unallocable.

Source: U.S. Bureau of the Census, County Government Finances, series GF, No. 8, annual.

## State and Local Government Finances and Employment

#### No. 455. CITY GOVERNMENTS—SUMMARY OF FINANCES: 1980 TO 1985

[For flecal years ending in year shown; see text, section 9. Data revised since originally published and may not agree, therefore, with table 458. Represents all municipalities and their dependent agencies (including dependent school systems where applicable); excludes other local governments overlying city areas. Includes sample-based estimates for cities of less than 50,000; thus subject to sampling variation. See Appendix III and source)

ITEM	T	OTAL (mil.	dol.)	PER C	APITA	(dol.)		PERCEN	
	1980	1984	1985	1980	1984	1985	1980	1984	198
Revenue	94,862	134,376	147,672	672	931	1,007	100.0	100.0	100.
General revenue	76,056	104,698	114,649	539	725	781	00.0	77.9	77
Intergovernmental revenue	28,270	32.899	35,859	200	228	244	80.2 29.8	24.5	24
From State governments only	15,939	20,532	23,103	113	142	157	16.8	15.3	15
Taxes	31,256	43,719	47,647	222	303	325	32.9	32.5	32
Property	16,859	22,061	23,459	119	153	160	17.B	16.4	15
Percent of total taxes	53.9	50.5	49.2	(x)	(x)	(x)	(x)		1
Sales and gross receipts	8,208	12,460	13,877	58	86	95	8.7	9.3	9
General	5,096	7,637	8,569	36	53	58	5.4	5.7	5
Selective		4,824	5,307	22	33	36	3,3	3.6	3
Income, licenses and other	6,189	9,198	10,312	44	64	70	6.5	6.8	7
Charges and miscellaneous.  Current charges only.	16,530	28,081 15,355	31,142 16,514	117 70	195 106	212 113	17.4	20.9	21
Utility and liquor store revenue	15,719	24,330	26,471	111	169	180	16.6	18.1	17
Water system	4,989	7,508	8,504	35	52	58	5.3	5.6	5
Electric power system	8,007	12,451	13,363	57	86	91	8.4	9.3	9
Gas supply system	1,444	2.754	2,796	10	19	19	1.5	2.0	1
Transit system	1,032	1,362	1,548	7	9	11	1.1	1.0	1
Liquor stores Insurance trust revenue	247	256	260	2	2	2	.3	2	1.0
nsurance trust revenue	3,088	5,348	6,552	22	37	45	3.3	4.0	4
Expenditure	93,699	128,672	140,000	664	892	954	100.0	100.0	100.
General expenditure	72,433	96,964	105,652	513	672	720	77.3	75.4	75
Police protection	8,200	11,642	12,574	58	81	86	8.8	9.0	9
Fire protection	4,535	6,291	6,798	32	44	46	4.8	4.9	4
Highways	5,977 7,907	7,837 10,541	8,709 11,446	42 56	54 73	59 78	6.4	6.1 8.2	6
Public welfare	3,801	5,311	5,762	27	37	39	8.4 4.1	4.1	8
Education	9,284	10,542	11,433	66	73	78	9.9	8.2	8
Libraries		1,177	1,304	6	8	9	9	9	
Health and hospitals	4,457	6,262	6,575	32	43	45	4.8	4.9	4
Parks and recreation	3,433	4,586	4,993	24	32	34	3.7	3.6	3
Housing and community development	3,459	4,488	5,105	25	31	35	3.7	3.5	3
Airports Financial administration	1,100	1,540	1,694	13	17	12	1.2	1.2	3
General control		2,484	2,703 3,401	14	21	23	2.2	2.4	1 2
General public buildings		1,422	1,483	8	10	10	1.2	1.1	1
Interest on general debt	3.054	6.141	6.859	22	43	47	3.3	4.8	4
Other and unallocable	11,395	13,612	14,814	81	94	101	12.2	10.6	10
Utility and liquor store expenditure	18,274	27,097	29,534	130	188	201	19.5	21.1	21
Water system Electric power system	5,933	8,485	9,601	42	59	65	6.3	6.6	6.
Electric power system	8,596	12,421	13,588	61	86	93	9.2	9.7	9
Gas supply system	1,334	2,625	2,724	9	18	19	1.4	2.0	1 1
Transit system Liquor stores	2,189	3,332	3,381	16	23	23	2.3	2.6	2
nsurance trust expenditure	2,993	4,611	4,814	21	32	33	3.2	3.6	3
By character and object:		opt.	100					1	
Direct expenditure	91,692	125,690	136,601	650	871	931	97.9	97.7	97
Current operation	66.687	92,215	99,301	473	639	677	71.2	71.7	70
Capital outlay	16,285	18,811	21,374	115	130	146	17.4	14.6	15
Construction Land and existing structures <sup>2</sup> Assistance payments	13,341	14,756	16,638	95	102	113	14.2	11.5	11
Land and existing structures a	2,944	4,056	4,736	21	28	32	3.1	3.2	3
Interest on debt	1,546	1,955	2,060	11	14	62	1.6	6.3	6
Insurance benefits, repayments	4,182	8,097 4,611	9,052 4,814	30	56 32	33	3.2	3.6	3
Intergovernmental expenditure	2,007	2,982	3,399	14	21	23	2.1	2.3	2
Total salaries and wages 1	34,709	45,260	48,050	246	314	328	37.0	35.2	34
Debt outstanding, year end	86,019	124,970	141,020	610	866	961	100.0	100.0	100
ong-term	82,346	119,673	135,793	584	829	926	95.7	95.8	96
Full faith and credit	39,570	43,141	46,253	280	299	315	46.0	34.5	32
Nonguaranteed	42,776	76,532 5,296	89,540 5,227	303 26	530 37	610	49.7	61.2	63
	4,013	5,200	J,EE!	20	100	1	1.3	10.5	
Not less from debt extending	70 500	100 040	101.000				0.40		
Net long-term debt outstanding	72,528	109,949	124,398 25,683	514 89	762 127	848 175	84.3 (x)	88.0 (x)	88

X Not applicable. 1980 based on total population enumerated as of April 1, 1980; 1984 and 1985 based on estimated population as of July 1, 1982 and 1984 respectively. 2 includes equipment. 3 included in items shown above.

Source: U.S. Bureau of the Census, City Government Finances, senes GF No. 4, annual.

# 10. 468. CITY GOVERNMENTS—TOTAL AND PER CAPITA AMOUNTS FOR SELECTED ITEMS FOR LARGEST CITIES: 1985

set year closed in the 12 months ending June 38, 1995. Ottos ranked by size of population estimated as of July 1, 1994, it Honolulu and Baton Rouge ranked by county population. Data reflect inclusion of faces activity of dependent school ma, where applicable. Intercity comparisons should be made with caution due to variations in responsibilities among urban ; for details see text, section 9 and source)

	GENE		INTERGO		TAX	ŒS	GROSS		GENE	
RANKED BY POPULATION SIZE, 1984	Total (mil. dol.)	Per cap- ita 1 (dol.)	Total (mil. dol.)	Per cap- ita 1 (dol.)	Total (mil. dol.)	Per cap- ita <sup>1</sup> (dol.)	Total (mil. dol.)	Per cap- ita 1 (dol.)	Total (mil. dol.)	Per cap- ita 1 (dol.)
ork, NY speles, CA.  jules, CA.  j. L.  j. T.  johia, PA s  MI.  TX.  100, CA.  j. CA.	23,048 2,334 2,166 1,175 1,983 1,393 670 626 690 392	3,217 754 724 689 1,204 1,279 688 652 808 465	9,321 459 647 113 467 682 108 147 256 64	1,301 148 216 66 284 626 111 153 300 75	10,634 1,155 1,160 598 1,141 485 376 212 197 133	1,484 373 388 350 693 445 386 220 231 157	12,937 3,671 1,901 2,338 2,381 936 900 1,088 1,312 2,258	1,806 1,185 635 1,371 1,446 859 924 1,132 1,537 2,680	20,590 1,940 1,992 1,024 1,839 1,145 585 504 669 407	2,874 627 666 600 1,117 1,057 607 524 784
u, HI *	450 1,335 1,747 540 459 643 2,877 471 529 1,090	559 1,749 2,451 760 669 991 4,620 759 915 1,910	91 694 645 187 84 384 1,022 229 118 560	113 909 904 263 123 592 1,642 369 203 981	279 458 564 198 214 140 1,574 118 137 373	347 600 791 279 311 216 2,528 190 237 652	234 1,037 1,389 432 511 674 2,391 512 2,714 616	291 1,359 1,949 608 744 1,040 3,638 825 4,695 1,078	381 1,178 1,353 511 416 560 2,835 429 380 938	47: 1,54: 1,89: 72: 60: 86: 4,55: 69: 65: 1,64:
us, OH. seans, LA * nd, OH. OO * WA , , TX. se-Davidson, TN * City, MO. ma City, OK. is, MO *	355 582 424 740 444 208 577 443 318 465	627 1,041 776 1,468 910 449 1,249 1,000 717 1,082	78 149 131 142 93 42 143 70 45	138 266 240 282 191 90 310 158 102 249	169 257 209 280 214 71 271 242 130 235	298 460 382 555 437 152 586 547 292 548	753 796 390 670 637 345 1,177 430 390 406	1,330 1,424 714 1,328 1,304 743 2,545 970 879 946	334 568 392 675 380 181 561 381 291 461	581 1,011 711 1,33 777 399 1,214 856 655 1,071
GA prih, TX ph, PA TX each, CA PFL ati, OH Rouge, LA.* J, OR	501 270 308 357 437	1,175 651 765 900 1,153 905 642 964 737 753	102 52 77 34 94 38 57 108 55 66	239 126 190 87 248 101 152 290 148 182	167 120 188 120 118 139 138 150 120	392 290 467 301 312 370 371 405 327 324	1,019 515 378 1,515 423 848 237 200 629 506	2,392 1,243 940 3,816 1,117 2,265 635 541 1,707 1,383	418 246 306 362 365 299 226 334 262 256	98 59 76 91: 96 79 60 90 71 70
, AZ polis, MN d, CA sirque, NM OH NY NE Le, NG Le, NG NS Beach, VA*	275 524 374 346 218 495 184 225 286 358	753 1,463 1,062 988 635 1,460 552 680 909 1,159	99 152 59 122 49 320 44 50 174 131	270 424 167 348 142 943 132 152 552 426	94 118 136 85 104 108 102 103 73 176	256 329 385 244 302 318 305 311 233 570	627 1,574 717 618 189 254 173 297 157 324	1,715 4,392 2,038 2,334 549 749 518 897 498 1,049	249 415 337 314 196 530 176 190 258 326	68 1,15 95 89 56 1,56 52 57 82 1,05
ento, CA	179 182 266 362 208 229 141 272	588 628 937 1,296 745 831 529 1,023	26 40 39 142 39 51 34 90	87 140 138 508 138 164 128 337	90 93 63 145 105 76 65 68	295 321 221 519 375 277 244 256	126 564 1,182 363 436 572 160 838	414 1,947 4,168 1,297 1,558 2,075 599 3,152	165 165 246 363 200 250 145 264	54 56 86 1,29 71 90 54 99
Christi, TX	130 220 395	502 887 1,630 577 664 660 3,187	24 35 225 38 22 34 388	94 142 928 157 93 152 1,710	57 63 126 45 67 68 124	220 253 519 185 285 299 547	290 328 238 186 486 131 752	1,124 1,324 981 769 2,060 580 3,320	131 162 363 120 157 154 684	507 653 1,49 49 677 677 3,010

sed on estimated population as of July 1, 1984. \*\* Represents, in effect, city-county consolidated government. se: U.S. Bureau of the Census, City Government Finances, series GF85, No. 4, annual.

## No. 457. CITY GOVERNMENTS-FINAN

(In millions of dollars. For fiscal year o

				REVE	NUE				
				General	revenue				
CITIES RANKED BY POPULATION SIZE, 1984			Intergove	ernmental enue		Taxes		Utility	Gr di outs
POPULATION SIZE, 1904	Total *	Total #	From State and local govt's.	From Federal Govern- ment	Total #	Property	Sales and gross receipts	revenue	i
New York, NY 3  Los Angeles, CA  Chicago, IL  Houston, TX  Philadelphia, PA 3  Detroit, MI  Dallas, TX  San Diego, CA  Phoenix, AZ  San Antonio, TX	2,581 1,434 2,692 1,763 859 766 782 1,202	23,048 2,334 2,166 1,175 1,983 1,393 670 626 690 392	7,780.7 247.3 329.5 40.6 315.1 512.9 54.6 94.9 179.4 22.4	1,539.9 211.7 317.3 72.4 152.3 169.3 53.6 52.3 76.7 41.1	10,634.4 1,155.5 1,160.4 597.7 1,141.4 484.6 376.4 211.7 197.2 133.6	4,273.0 374.6 396.2 337.9 227.8 177.1 197.4 72.8 67.0 65.0	2,681.0 554.6 644.5 245.1 16.2 51.5 166.6 120.1 116.7 61.8	1,488.2 1,466.2 163.2 150.5 577.5 134.7 106.9 82.7 68.7 797.5	12 3 1 2 2 2 1 1 2 2
Honolulu, HI <sup>a</sup>	506 1,464 2,079 557 518 1,439 3,116 592 1,003 1,179	450 1,335 1,747 540 459 643 2,877 471 529 1,090	20.1 610.8 450.6 134.8 55.4 336.6 26.3 194.1 67.3 487.5	70.8 83.3 194.0 51.8 28.7 47.4 996.1 34.9 50.3 72.3	279.4 457.8 563.5 197.9 213.5 140.2 1,574.4 117.8 136.9 372.6	226.1 300.9 287.1 180.2 70.3 101.6 455.1 110.5 96.7 350.7	32.3 35.2 142.0 11.4 100.0 26.5 494.2 2.1 31.5 8.2	55.6 38.4 144.1 7.8 4.9 734.3 40.6 32.8 443.3 27.7	2, 2,
Columbus, OH New Orleans, LA <sup>a</sup> Cleveland, OH Deriver, CO <sup>a</sup> Seattle, WA E Paso, TX Nashville-Davidson, TN <sup>a</sup>	420 645 531 808 721 253 1,027	355 582 424 740 444 208 577	34.2 64.0 46.7 106.0 61.5 7.7 109.9	43.8 84.8 84.4 36.4 31.7 34.1 33.5	168.7 256.9 206.7 280.1 213.6 70.6 271.4	13.6 73.9 42.3 85.7 63.8 39.3 129.2	2.8 171.3 1.8 170.4 99.4 28.5 117.2	64.6 41.5 106.3 64.9 231.4 26.5 420.4	1,
Kansas City, MO Oklahoma City, OK St. Louis, MO 3	503 352 532	443 318 465	22.5 6.0 40.8	47.4 39.4 66.0	242.2 129.5 235.2	31.2 23.7 31.0	115.4 100.7 105.4	33.3 27.3 16.9	
Atlanta, GA Fort Worth, TX Pittsburgh, PA Austin, TX Long Beach, CA Tulsa, OK Miami, FL Cincinnati, OH Baton Rouge, LA Portland, OR	596 338 329 795 623 375 279 431 296 309	501 270 308 357 437 339 239 357 272 275	25.2 11.7 37.5 6.7 58.0 12.1 31.1 52.3 24.2 38.7	76.7 40.5 39.1 27.6 35.9 25.9 25.5 55.3 30.4 27.9	167.0 120.2 188.1 119.6 118.3 138.7 138.4 150.2 120.5 118.7	65.0 67.0 83.4 65.3 45.3 16.7 93.1 28.9 28.7 85.3	80.2 48.4 14.6 46.4 60.3 119.3 36.2 1.4 83.1 19.4	52.7 45.0 8.2 410.4 184.8 33.9 37.7 3.0 30.4	1,
Tucson, AZ. Minneapolis, MN Oakland, CA Albuquerque, MN Toledo, OH Buffalo, NY Omaha, NE Charlotte, NC Newark, NJ. Virginia Beach, VA*	327 636 396 382 235 510 197 250 313 378	275 524 374 346 218 495 184 225 286 358	70.8 103.7 26.2 81.6 20.0 250.9 22.9 27.5 146.9 112.6	28.0 48.4 32.5 40.2 27.0 68.9 21.2 22.8 26.7 18.8	93.5 117.7 135.6 85.4 103.7 107.7 101.7 102.7 73.2 175.8	12.3 97.8 58.6 35.7 10.8 95.6 48.9 80.4 51.6 104.0	76.1 12.6 50.5 45.6 .5 9.3 45.6 18.2 4.9 50.1	42.3 20.4 35.3 17.1 15.1 19.4 26.3 20.6	1,
Sacramento, CA	212 234 292 405 237	179 182 266 362 208 229 141 272	18.6 8.6 19.4 105.0 13.0 29.5 21.0 58.6	7.8 31.9 19.7 37.0 25.5 21.2 13.2 31.1	89.6 93.0 62.6 145.3 105.1 76.3 65.2 68.1	26.4 29.3 41.9 74.0 18.5 26.8 25.6 46.7	51.4 11.3 18.3 54.4 33.3 43.0 32.6 18.0	12.2 44.5 16.9 22.4 36.6 7.7 17.8	1.
Corpus Christi, TX Colorado Springs, CO Rochester, NY SI, Petersburg, FL Anaheim, CA Akron, OH Anchorage, AK	185 458 413 179 339 166 790	130 220 395 139 155 150 722	3.8 15.1 191.4 16.0 13.3 11.9 367.3	20.4 20.1 33.7 22.0 8.4 22.6 20.4	56.8 62.7 125.9 44.7 66.6 67.8 124.0	30.1 11.4 111.5 24.1 21.7 11.0 155.5	25.3 50.1 1.4 18.7 41.1 .1 3.3	55.0 236.8 17.9 31.1 183.7 16.0 55.1	

<sup>-</sup> Represents zero. Z Less than \$50,000. ¹ Based on 1904 estimated resident population. ² Includes other agriculture, not shown separately. ² Represents, in effect, olty-county consolidated government.

LARGEST CITIES: 1985

n the 12 months ending June 30, 1665. See headnote, table 455]

				EXPENDIT	URE					
			G	eneral expe	enditure					
Total <sup>2</sup>	Total *	Educa- tion	Housing and commu- nity develop- ment	Public welfare	Health and hospi- tals	Police protec- tion	Fire pro- tection	High- ways	Utility expendi- ture	CITIES RANKED BY POPULATION SIZE, 1964
24,968 3,630 2,334 1,246 2,581 1,516 778 638 773 1,463	20,590 1,940 1,992 1,024 1,839 1,145 585 504 669 407	4,329.9 3.4 27.2 21.0 6.8 - 4.6 3.3	1,308.1 154.2 90.3 10.3 112.3 105.3 13.6 53.3 30.2 14.1	4,246.7 56.3 102.7 (2) .8 3.3	2,169.7 5.1 50.8 28.3 154.3 68.5 7.9 2 .7 21.4	1,176.5 422.5 475.4 183.0 235.9 187.1 112.5 80.8 95.3 56.2	560.4 164.5 167.5 111.4 86.7 60.8 59.1 37.1 46.1 27.1	568.9 97.0 183.6 66.5 75.2 120.5 46.0 30.5 105.7 29.7	2,513.8 1,294.8 133.5 186.4 579.7 194.2 145.1 106.7 94.6 1,047.3	New York, NY s Los Angeles, CA Chicago, IL Houston, TX Philadelphia, PA s Detroit, MI Dallas, TX San Diego, CA Phoenix, AZ San Antonio, TX
491 1,256 1,853 564 437 1,338 3,134 492 1,091 1,097	381 1,178 1,353 511 416 560 2,835 429 380 938	363.0 33.2 1.7 268.3 473.1 (2) 286.8	19.1 30.2 49.2 17.7 35.4 10.3 164.4 31.1 42.8 68.6	163.8 53.2 2 486.2 6.2 2.3	5.1 39.7 263.5 106.7 5.5 11.9 265.9 16.3 22.9 110.8	64.9 112.5 115.9 47.7 57.9 53.5 181.9 82.7 45.5 80.6	28.3 57.7 62.3 22.3 33.7 43.1 67.7 40.5 28.5 61.7	31.2 150.5 10.3 30.9 86.5 16.0 89.8 46.1 25.9 31.7	110.2 41.8 350.4 34.4 6.6 738.4 64.6 26.3 690.0 25.6	Honolulu, HI <sup>3</sup> Baltimore, MD <sup>3</sup> San Francisco, CA <sup>3</sup> Indianapolis, IN <sup>3</sup> San Jose, CA Memphis, TN Washington, DC <sup>3</sup> Milwaukee, WI Jacksonville, FL <sup>3</sup> Boston, MA <sup>3</sup>
416 625 508 776 683 228 1,051	334 568 392 675 380 181 561	(z) 185.4	12.2 50.9 45.1 9.9 16.2 2.9 11.4	10.6 1.3 79.0 	14.0 13.0 12.0 105.4 3.9 6.8 44.8	59.7 58.1 93.4 77.8 55.4 26.9 39.7	34.4 32.7 41.5 38.3 39.3 16.4 19.4	28.5 51.3 28.4 28.1 14.7 19.8 18.1	82.5 37.3 115.3 92.1 261.1 38.9 461.3	Columbus, OH New Orleans, LA <sup>3</sup> Cleveland, OH Denver, CO <sup>2</sup> Seattle, WA El Paso, TX Nashville-Davidson, TN <sup>3</sup>
425 335 506	381 291 461	19.8	32.6 12.4 38.4	.1 2.0	25.7 45.6 60.9	59.5 30.0 72.6	25.1 21.4 21.7	36.7 19.3 30.0	30.8 40.6 16.5	Kansas City, MO Oklahoma City, OK St. Louis, MO <sup>5</sup>
506 316 337 899 559 357 245 397 277 318	418 246 306 362 365 299 226 334 262 256	14.9 .6 .5 .1 .3	15.4 14.8 17.6 7.7 30.3 9.1 14.3 48.8 7.6 9.7	3.3 (z) .6 1.4 1.0	2 4.5 5.8 88.6 6.0 3.5 2 23.6 16.4 11.3	38.4 30.6 47.5 37.6 61.4 30.0 51.3 45.4 24.0 48.2	26.2 21.8 32.1 20.1 38.8 25.0 34.4 34.9 14.1 33.7	19.5 28.4 35.5 11.0 22.3 36.2 14.0 21.9 39.7 17.7	40.1 59.6 6.2 528.1 194.1 56.4 35.5 4.9 41.6	Atlanta, GA Fort Worth, TX Pittsburgh, PA Austin, TX Long Beach, CA Tulsa, OK Miami, FL Cincinnati, OH Baton Rouge, LA * Portland, OR
316 486 372 363 213 545 182 232 279 351	249 415 337 314 196 530 176 190 258 326	1.3 217.4 .1 .8 147.3	15.9 62.6 23.7 11.1 16.1 63.6 12.6 2.8 18.3	2.1 	7.3 .4 3.4 3.7 1.2 1.7 1.2 5.8 7.5	33.2 36.7 43.0 33.5 38.5 31.8 24.3 23.7 41.0 21.2	18.7 22.7 25.5 17.6 25.1 27.3 18.2 17.5 30.8 12.2	34.3 39.6 18.1 17.7 18.5 30.9 25.1 23.6 1.2 26.9	63.3 18.2 49.7 16.7 15.1 39.8 15.0 24.5	Tucson, AZ Minneapolis, MN Oakland, CA Albuquerque, NM Toledo, OH Buffalo, NY Omaha, NE Charlotte, NC Newark, NJ Virginia Beach, VA <sup>3</sup>
190 211 275 393 210 287 179 290	165 165 246 363 200 250 145 264	119.6	3.4 8.2 4.6 39.8 9.8 6.1 2.7 14.0	6.3 20.1	6.1 4.2 19.1 1.5 (z)	37.0 28.3 16.1 21.5 21.5 34.3 29.7 23.3	24.1 18.3 11.0 15.7 19.0 17.0 14.2 16.9	21.8 6.7 23.4 16.9 17.6 14.3 16.2 20.1	12.2 39.3 20.1 22.3 21.3 18.7 16.3	Sacramento, CA Louisville, KY Wichita, KS Norfolk, VA * Birmingham, AL Tampa, FL Fresno, CA St. Paul, MN
188 439 374 173 368 174 859	131 162 363 120 157 154 684	174.0	2.7 .7 15.8 6.7 14.7 32.1	7.0	3.8 39.5 - - 3.3 13.6	14.7 17.6 24.8 22.9 27.0 18.8 37.8	9.2 11.5 19.7 9.3 13.3 16.2 22.8	13.0 12.7 18.5 11.8 8.6 13.5 34.5	57.4 277.2 11.1 45.6 210.7 19.8 171.7	Corpus Christi, TX Colorado Springs, Co Rochester, NY St. Petersburg, FL Anaheim, CA Akron, OH Anchorage, AK

Source: U.S. Bureau of the Ceneus, City Government Finances in 1984-85, series, GF85, No. 4.

No. 458. CITY GOVERNMENTS—FINANCES, BY POPULATION-SIZE GROUPS: 1985

[For flecal year closed in the 12 months ending June 30, 1986. Represents all municipalities and their dependent agencies, including dependent school systems where applicable]

	12.1		C	TIES HAVIN	G A 1984 P	OPULATION	OF-	
ІТЕМ	All cities 1	Less than 50,000 1	50,000 to 99,999	100,000 to 199,999	200,000 to 299,999	300,000 to 499,999	500,000 to 999,999	1,000,000 or more
Number of cities, 1985	19,185	18,751	258	103	22	27	18	1
Population, 1984 (1,000)	146,706	68,754	18,055	14,030	5,343	10,303	12,526	17,69
FINANCES, 1985 (mil. dol.)	100	100	125.73	100	1.6-4	1,467	49.00	100
General revenue 2	114,627	31,985	11,274	10,371	F 000	0.074	14,622	32,09
Taxes 2	47,647	11,954	4,896	4,244	5,002 1,764	9,274 3,729	5,886	15,17
Property	23,459	6,956	2,950	2,554	896	1,519	2,797	5,78
Percent of total toyon	40.2	58.2	60,3	60.2	50.8	40.7	47.5	38.
Sales and gross receipts	13,876 35,838	3,407	1,392	1,207	1,645	1,440	1,694	4,19
Intergovernmental 2 From State governments	23,082	8,869 5,332	3,001 1,896	3,138	1,045	1,240	5,088 2,662	11,68 8,92
From Federal Government	10 292	2,439	929	939	438	981	2,103	2,46
Revenue sharing	2,450 16,514	888	270	230	110	208	248	49
Current charges	16,514	5,697	1,837	1,654	825	1,541	1,848	3,11
Water supply and other utilities	20.00			1.1.	1		12000	1
revenue *	26,485	11,723	2,380	2,835	933	1,771	2,863	3,98
General expenditure 1	105,647	29,962	10,850	9,890	4,831	8,472	13,111	28,53
Police and fire protection	19,372	6,325	2,378	2.059	815	1,726	2,238	3,83
EducationSewerage and sanitation	11,433	1,568 4,530	1,124	1,454	875 478	590 1,005	1,434	1,87
Highways	8,709	3,858	1,056	862	313	642	866	1,11
Health and hospitals	6.575	1,597	525	380	193	380	1,023	2,47
Housing and community development	5,100	850	532	465	253	520	699	1,78
Public welfare	5,762 6,859	167 2,089	65 716	170 624	85 448	61 828	808 943	1,21
merest on general debt	0,009	2,069	/10	024	440	020	943	1,21
Water supply and other utilities expenditure 3	29,537	12,076	2,523	2,997	1,160	2,070	3,809	4,90
Gross debt outstanding	143,870	48,863	15,230	13,170	8.856	14,910	18,677	24,16
Long-term		47,534	14,677	12,775	8,560	14,537	17,928	22,63
Short-term	5,227	1,330	553	395	295	373	749	1,53
PERCENT DISTRIBUTION	127		100	1			14.00	
General revenue 1	100.0	27.9	9.8	9.0	4.4	8.1	12.8	28.
Taxes 2	100.0	25.1	10.3	8.9	3.7	7.8	12.4	31.
Property	100.0	29.7	12.6	10.9	3.8	6.5	11.9	24.
Sales and gross receipts	100.0	24.6 24.7	10.0	8.7 8.8	3.9 4.6	10.4 6.7	12.2	30.
Current charges	100.0	34.5	11.1	10.0	5.0	9.3	11.2	18.
General expenditure 1	100.0	28.4	10.3	9.4	4.6	8.0	12.4	27.
Police and fire protection	100.0	32.7	12.3	10.6	4.2	8.9	11.6	19.
Education	100.0	13.7	9,8	12.7	7.7	5.2	12.5	38.
Sewerage and sanitation	100.0	39.6 44.3	10.6	9.4	4.2 3.6	8.8 7.4	11.1	16.
Highways	100.0	24.3	8.0	5.8	2.9	5.8	15.6	37.
Housing and community development	100.0	16.7	10.4	9.1	5.0	10.2	13.7	34.
Public welfare	100.0	2.9	1.1	3.0	1.5	1.1	14.0	76.
Interest on general debt	100.0	30,5	10.4	9.1	6.5	12.1	13.7	17.
PER CAPITA 4 (dollars)	Part .		100		-	100	177	
General revenue 2	781	465	624	739	936	900	1,167	1,81
Taxes 2	325	174	271	302	330	362	470	85
PropertySales and gross receipts	160	101	163 77	182 86	168 102	147	223 135	32
Intergovernmental 2	244	129	166	224	308	234	406	66
From State governments	157	78	105	138	204	120	213	50
From Federal Government		35	52	67	82	95	168	13
Revenue sharing	113	13	15	16	21	20	148	17
Current charges	113	83	102	118	154	150	148	1/
Water supply and other utilities revenue	180	171	132	202	175	172	229	22
General expenditure *		436	601	705	904	822	1,047	1,61
Police and fire protection	132	92	132	147	153	168	179	21
Education	78	23	62	104	164	57	114	24
Sewerage and sanitation	78	66	67	77	69	98	101	10
Highways	59	56 23	58 29	61 27	59 36	62 37	69 82	14
Public welfare		3	4	12	16	6	65	24
Housing and community development	35	13 30	29 40	33 44	47 84	50 80	56 75	10
Water supply and other utilities expenditure s	-					/	-	-
expenditure	201	176	140	214	217	201	304	27
Gross debt outstanding	981 945	711 691	844 813	939	1,658	1,447	1,491	1,36
Long-term								

Data are estimates subject to sampling variation, see source and Appendix III. <sup>3</sup> includes items not shown separately.
 Source: U.S. Burseu of the Census, City Government Finances in 1984-85, series GF85, No. 4.

#### D. 466. ESTIMATED STATE AND LOCAL TAXES PAID BY A FAMILY OF FOUR IN SELECTED LARGE CITIES, BY INCOME LEVEL: 1986

Inary. Data based on average family of four (two wage earners and two school age children) owning their own home and i in a city where taxes apply. Comprises State and local sales, income, auto, and real estate taxes. For definition of median, duties to Tabular Presentation]

СПУ	TOTAL TA	AXES PAID E	(dol.)	AMILY INCO	ME LEVEL	PE	RCENT OF	NCOME BY	INCOME LE	VEL
	\$20,000	\$35,000	\$50,000	\$75,000	\$100,000	\$20,000	\$35,000	\$50,000	\$75,000	\$100,000
GA	1,912	3,387	4,961	7,473	9,763	9.6	9.7	9.9	10.0	9.6
ve, MD	1,992	3,698	5,309	7,981	10,579	10.0	10.6	10.6	10.6	10.6
port, CT		5,493	8,093	12,032	15,243	17.2	15.7	16.2	16.0	15.2
ton, VT	1,694	2,905	4,316	6,884	9,619	8.5	8.3	8.6	9.2	9.6
ston, WV	1,479	2,442	3,812	6,333	9,189	7.4	7.0	7.6	8.4	9.2
te, NC	1,538	2,672	4,058	6,224	8,360	7.7	7.6	8.1	8.3	8.4
o, IL	1,849	3,083	4,507	6,588	8,524	9.2	8.8	9.0	8.8	8.5
and, OH	1,752	3,154	4,624	7,243	9,982	8.8	9.0	9.2	9.7	10.0
oia, SC	1,610	2,868	4,267	6,444	8,492	8.1	8.2	8.5	8.6	8.5
, CO	2,086	3,581	5,237	8,154	10,656	10.4	10.2	10.5	10.9	10.7
oines, IA	1,932	3,437	5,097	7,810	10,380	9.7	9.8	10.2	10.4	10.4
MI	2,427	4,158	6,012	8,957	11,887	12.1	11.9	12.0	11.9	11.5
lu, Hl	1,849	3,280	4,793	7,383	10,071	9.2	9.4	9.6	9.8	10.1
polis, IN	2,220	3,588	5,140	7,621	9,700	11.1	10.3	10.3	10.2	9.7
geles, CA	1,762	3,097	5,433	7,987	11,366	8.8	8.8	10.9	10.6	11.4
lle, KY	1,811	2,943	4,233	6,226	8,042	9.1	8.4	8.5	8.3	8.0
is, TN	1,597	2,347	3,220	4,381	5,480	8.0	6.7	6.4	5.8	5.5
kee, WI	2,359	4,418	6,632	10,444	14,005	11.8	12.6	13.3	13.9	14.0
, NJ	3,522	5,890	8,513	12,755	16,543	17,6	16.8	17.0	17.0	16.5
ork City, NY	1,917	3,624	5,507	8,885	12,448	9,6	10,4	11.0	11.8	12.4
. VA	1,506	2,595	3,824	6,383	7,692	7.5	7.4	7.6	8.5	7.7
NE.	1,647	2,671	4,002	6,194	8,406	8.2	7.6	8.0	8.3	8.4
Iphia, PA	2,545	4,188	5,836	8,495	10,987	12.7	12.0	11.7	11.3	11.0
d, ME	2,090	3,773	5,743	9,345	12,682	10.5	10.8	11.5	12.5	12.7
d, OR	2,311	4,192	6,084	9,386	12,741	11.6	12.0	12.2	12.5	12.7
ince, RI	2,336	3,861	5,949	9,230	12,148	11.7	11.0	11.9	12.3	12.1
is, MO	1,519	2,520	3,657	5,351	6,935	7.6	7.2	7.3	7.1	6.9
ke City, UT	1,802	3,017	4,297	6,181	7,883	9,0	8,6	8.6	8.2	7.5
alls, SD	1,848	2,799	3,876	5,414	6,770	9.2	8.0	7.8	7.2	6.6
gton, DC	1,880	3,368	5,073	7,586	11,090	9.4	9.6	10.1	10.1	11.1
1,	1,597	2,714	4,058	6,226	8,406	8.0	7.8	8.1	8.3	8.4

clien of all 51 cities. For complete list of cities, see table 480.

tits: Government of the District of Columbia, Department of Finance and Revenue, Tax Burdens in Washington, DC wed With Those in The Largest City in Each of the 50 States, 1986.

No. 460. RESIDENTIAL PROPERTY TAX RATES IN SELECTED LARGE CITIES: 1986

сту	TAX PER	RATE	Assess- ment level	Nomi- nal rate	CITY	TAX	CTIVE RATE \$100	Assess- ment level	Nomi- nal rate
	Rank	Rate	(percent)	per \$100		Rank	Rate	(percent)	\$100
k, NJ	1	5.29	41.2	12.83	Fargo	26	1.49	4.5	33.16
	2	4.03	49.3	8.17	Boston		1.35	100.0	1.35
port		3.94	59.7	6.60	Louisville	28	1.29	92.0	1.40
ipolis		3.73	33.3	11.19	Billings	29	1.26	3.7	34.16
kee		3.41	99.3	3.43	Albuquerque		1.23	33.3	3.69
		2.94	75.7	3.88	New York City	31	1.22	13.1	9.33
oines					Jackson	32	1.21	10.0	12.06
id, OR		2.76	100.0	2.76	Oklahoma City	33	1.21	13.5	8.93
ore	8	2.70	43.5	6.21	St. Louis	34	1.16	19.0	6.11
ance	9	2.58	35.6	7.25	Washington, DC	35	1.15	94.0	1.22
Hphia	10	2.54	34.0	7.48	New Orleans		1.14	10.0	11.41
Fails	11	2.32	35.8	6.48	Salt Lake City		1.11	60.0	1.85
ester		2.23	26.0	8.57	Norfolk		1.10	88.0	1.25
		2.22	87.0	2.55	Wichita		1.08	8.2	13.15
ipolis		2.18	19.6	11.12	Charleston, WV	40	1.07	62.0	1.73
0	1 2 2	2.09	16.0	13.07	Seattle	41	1.07	93.0	1.15
T		2.02	21.0	9.60	Los Angeles		1.05	100.0	1.05
	17	1.97	40.0	4.93		1100	10.32	1/2226	11000
-	11/	1.87	40.0	4.93	Charlotte	43	1.01	75.0	1.34
incilla:	18	1.85	96.2	1.92	Columbia	44	.97	4.0	24.32
nville					Anchorage	45	.94	100.0	.94
id, ME	19	1.83	65.0	2.82	Little Rock	46	.92	20.0	4.61
and	20	1.82	35.0	5.20	Las Vegas	47	.88	34.4	2.57
ton	21	1.82	100.0	1.82	Casper	48	.78	11.0	7.08
his	22	1.78	25,0	7.11	Phoenix	49	.71	7.0	10.20
m		1.68	100.0	1.68	Birmingham	50	.70	10.0	6.95
City	24	1.57	99.2	1.58	Honolulu	51	.60	90.8	.66
gton, DE	25	1.50	100.0	1.50		7.			100

ios: Government of the District of Columbia, Department of Finance and Revenue, Tax Burdens in Washington, DC Compared Trais in The Largest City in Each of the 50 States, 1986.

#### No. 461. GOVERNMENTAL EMPLOYMENT AND PAYROLLS: 1970 TO 1985

[For October. Covers both full-time and part-time employees. Except for 1977 and 1982, local government data are estimates subject to sampling variation; see source, and Appendix III. See also Historical Statistics, Colonial Times to 1970, series Y 272-307]

TYPE OF GOVERNMENT	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985
EMPLOYEES (1,000)	1		1	10			70		100		
Total	13,028	14,973	15,459	15,628	15,971	16,213	15,968	15,841	16,034	16,436	16,690
Federal (civilian) 1	2,881	2.890	2.848	2.885	2.869	2.898	2,865	2.848	2.875	2.942	3.021
State and local	10 147	12,084	12,611	12,743	13,102	13,315	13,103	12,993	13,159	13,494	13,669
Percent of total		80.7	81.6	81.5	82.0	82.1	82.1	82.0	82.1	82.1	81.9
State		3,271	3.491	3,539	3.699	3.753	3.726	3,744	3.816	3.898	3,984
Local		8,813	9,120	9.204	9,403	9,562	9,377	9.249	9,344	9,595	9.685
Counties		1,563	1,761	1,768	1,804	1,853	1,808	1,824	1,811	1.872	1.891
Municipalities		2,506	2,469	2.509	2,553	2.561	2,469	2,397	2,424	2.434	2,467
School districts	3,316	3,969	4,127	4,113				4,194			
Terrestine	3,310		361		4,200	4,270	4,222		4,211	4,387	4,416
Townships	330	392		411	401	394	386	356	379	386	392
Special districts	275	383	402	403	445	484	492	478	519	516	519
OCTOBER PAYROLLS (mil. dol.)		100			100	V11			100	200	
Total	8,334	13,224	15,338	16,483	18,077	19,935	21,193	23,173	24,525	26,904	28,945
Federal (civilian) 1	2,428	3,584	3,918	4,344	4,728	5,205	5,239	5.959	6,301	7,137	7,580
State and local	5,906	9,640	11,420	12,139	13,349	14,730	15,954	17,214	18,224	19,767	21,365
Percent of total	70.9	72.9	74.5	73.7	73.8	73.9	75.3	74.2	74.3	73.5	73.8
State	1,612	2.653	3,195	3.483	3.869	4.285	4.668	5.022	5,346	5.815	6.329
Local		6.987	8,225	8.656	9,480	10.445	11,287	12,192	12.878	13.952	15.036
Counties		1.183	1,489	1,564	1,726	1,936	2.083	2.287	2,387	2.596	2,819
Municipalities		2.129	2,412	2,535		2,951	3,222	3,428			
School districts			3,707	3,897	2,729				3,640	3,872	4,191
School districts	2,032	3,160			4,272	4,683	5,021	5,442	5,729	6,283	6,746
Townships	122	215 300	250 367	269 392	291 463	330 546	349	370 665	398 724	421 780	834
AVERAGE ANNUAL PERCENT CHANGE 2	140	300	367	392	463	546	612	900	124	780	834
Cuteration Countries on Contraction of Street, Section 2011	1.712		200	2.	1 22	1	- 3-4	1	2.2	1 64	
Employees, total	4.2	2.8	2.1	1.1	2.2	1.5	-1.5	8	1.2	2.5	1.5
Federal (civilian) 1		.6	7	1.3	5	1.0	-1.2	6	.9	2.4	2.7
State		3.5	3.3	1.4	4.5	1.5	7	5	1.9	2.1	2.2
Local	4.4	3.6	1.7	.9	2.2	1.7	-1.9	-1.4	1.0	2.7	.9
Counties	4.7	4.9	6.2	.4	2.0	2.7	-2.4	.9	7	3.4	1.0
Municipalities	3.6	2.2	7	1.6	1.8	.3	-3.6	-2.9	1.1	.4	1.4
School districts	5.0	3.7	2.0	3	2.1	1.7	-1.1	7	.4	4.2	.7
Townships	3.2	3.5	-4.0	13.9	-2.4	-1.7	-2.0	8	6.5	1.8	1.6
Special districts	3.8	6.9	2.5	.2	10.4	8.8	1.7	-2.8	8.6	6	.6
Payrolls, total	11.3	9.4	7.7	7.5	9.7	10.3	6.3	9.3	5.8	9.7	7.6
Federal (civilian) 1	10.3	8.1	4.6	10.9	8.7	10.1	.6	13.7	5.7	13.3	6.2
State		10.5	9.7	9.0	11.1	10.8	8.9	7.6	6.5	8.8	8.8
Local		10.2	8.5	5.2	9.5	10.2	8.1	8.0	5.6	8.3	7.8
Counties		13.1	12.2	5.0	10.4	12.2	7.6	9.8	4.4	8.8	8.6
Municipalities	10.7	9.4	6.4	5.1	7.7	8.1	9.2	6.4	6.2	6.4	8.2
School districts	11.3	9.2	8.3	5.1	9.6	9.6	7.2	8.4	5.3	9.7	7.4
Townships	8.5	12.0	7.8	7.6	8.2	13.4	5.8	6.0	7.6	5.8	5.9
Conciet districts	10.0							8.7	8.9	7.7	6.9
Special districts	10.0	16.5	10.6	6.8	18.1	17.9	12.1	0.7	0.9	1.1	6.9

Includes employees outside U.S. Represents average for period of interval shown; for 1970, change from 1985. For explanation of average annual percent change, see Guide to Tabular Presentation. Minus sign (-) indicates decrease. Source: U.S. Bureau of the Census, 1982 Census of Governments, Vol. 6, No. 5, Historical Statistics on Governmental Finances and Employment, and Public Employment, series GE, No. 1, annual.

## No. 462. GOVERNMENTAL EMPLOYMENT AND PAYROLLS, BY LEVEL OF GOVERNMENT AND BY FUNCTION: 1985

[For October. Covers both full-time and part-time employees. Local government data are estimates subject to sampling variation; see source, and Appendix III]

		EMPLO	YEE8 (1,00	(0)			OCTOBER PA	YROLLS (n	nil. dol.)	
FUNCTION	Total	Federal	Start	e and lo		Total	Federal	Stat	e and lo	cel
	100	(civilian) 1	Total	State	Local	Total	Federal (civilian) 1	Total	State	Loos
Total	19,800	3,021	13,000	3,964	9,800	28,945	7,500	21,365	6,329	16,00
National defense 3	1,101 754	1,101 754	Ø	92	(X)	2,896 1,741	2,808 1,741	88	89	2
Education	7,119	15	(X) (X) 7,104	(X) (X) 1,784	5.340	10,722	38	10,684	88 2,444	0,30 0,30
Teachers	4,002 552	(%)	4,002 549	528 252	3,475 <b>296</b>	7,466 922	(x)	7,465 808	1,096	6,30
Health and hospitals	1,653	263	1,390	678	712	2,774	640	2,134	1,091	1,0
Public welfarePolice protection	430 780	12 66	418 694	1 <b>66</b>	232 613	652 1,516	31 188	621 1,328	307 175	1,15
Fire protection	317	00	317	(x)	317	554	(x)	554	(x)	55 35
Benitation and sewerage Parks and recreation	221 263	883	221 263	33	220 230	359 293	(X) (X) 598	359 293	44	24
Natural resources	443	241	202	163	39	906	596	308	258	2,50
Financial administration All other	436 2,636	118 447	320 2,191	131 895	190 1,496	744 4,867	253 1,181	491 3,693	229 1,321	.5

X Not applicable. I Includes employees outside United States. Includes International relations. Bouros: U.S. Bureau of the Census, Public Employment, series GE, No. 1, annual.

# NO. 463. STATE AND LOCAL GOVERNMENT—FULL-TIME EMPLOYMENT AND SALARY, BY SEX AND RACE/ETHNIC GROUP: 1973 TO 1965

As of June 38. Excludes school systems and educational institutions. Based on reports from State governments (44 in 1973, 48 in 1975, 47 in 1975, 45 in 1976, 48 in 1979, 42 in 1980, 49 in 1981, 47 in 1983, 50 in 1884 and 1985) and a semple of county, municipal, township, and special district jurisdictions employing 15 or more nonslected, nonappointed full-time employees. For definition of median, see Guide to Tabular Presentation)

YEAR AND OCCUPATION	EMPLOYMENT (1,000)								MEDIAN ANNUAL SALARY (\$1,000)						
	Total 1	Male	Fe- male	White 1	Minority					50.5	Minority				
					Total <sup>2</sup>	Black 1	His- panic	Male	Fe- male	White 1	Total *	Black <sup>1</sup>	His- panie		
1973	3,809 3,899 4,415 4,447 4,576 3,967 4,665 4,492 4,580	2,486 2,436 2,737 2,711 2,761 2,350 2,740 2,674 2,700	1,322 1,464 1,678 1,736 1,816 1,637 1,925 1,818 1,880	3,115 3,102 3,480 3,481 3,568 3,146 3,591 3,423 3,458	693 797 935 966 1,008 842 1,074 1,069 1,121	523 602 705 723 751 619 780 768 799	125 147 175 181 192 163 205 219 233	9.6 11.3 12.4 13.3 14.1 15.2 17.7 20.1 21.4	7.0 8.2 9.1 9.7 10.4 11.4 13.1 15.3 16.2	8.8 10.2 11.3 12.0 12.8 13.8 16.1 18.5 19.6	7.5 8.8 9.7 10.4 10.9 11.8 13.5 15.9 17.4	7.4 8.6 9.5 10.1 10.6 11.5 13.3 15.6 16.5	7.8.9.1 9.1 10.1 12.1 14.1 17.1 18.0		
1985, total	4,742	2,789	1,952	3,563	1,179	835	248	22.3	17.3	20.6	18.4	17.5	19.		
Officials/ administrators	252 955 472 724 368 874 397 700	181 507 285 655 108 107 382 563	71 448 186 69 260 767 15 137	221 779 375 585 233 640 313 416	31 176 97 139 135 234 84 284	21 108 64 98 113 159 53 219	7 33 21 35 17 55 24 56	33.4 28.8 23.0 23.4 17.3 17.1 20.7 16.8	26.4 23.3 17.9 18.9 15.0 15.1 15.0 13.3	31.7 26.1 21.1 23.2 15.6 15.3 20.5 16.3	29.6 24.7 19.5 22.1 15.3 15.6 20.7 15.9	29.0 23.4 18.5 21.1 15.1 15.1 19.5 15.3	30. 33. 21. 24. 17. 15. 21.		

<sup>&</sup>lt;sup>1</sup> Nonhiepenic. <sup>2</sup> Includes other minority groups, not shown separately.

Source: U.S. Equal Employment Opportunity Commission, State and Local Government Information Report, annual,

NO. 464. STATE AND LOCAL GOVERNMENT BARGAINING AGREEMENTS: 1984 TO 1986

[Agreements covering 1,000 or more workers. Averages presented are means; for definition of mean, see Guide to Tabular Presentation]

	TOTAL			UNITS WITH-					
пем	1984	1985	1986	1,000 to 4,999 workers			5,000 or more workers		
				1984	1985	1986	1984	1985	1986
Workers, total <sup>1</sup> (1,000): All settlements State government Local government	722 254 468	1,475 546 929	873 313 560	359 61 298	595 143 452	450 89 361	363 194 169	880 403 476	423 224 199
Average wage adjustment <sup>2</sup> (percent): First year of contract: All settlements. State government. Local government Over the life of contract: <sup>3</sup>	4.8 3.6 5.4	4.6 4.8 4.4	5.7 6.3 5.3	5.1 3.9 5.4	5.0 4.7 5.1	5.2 5.0 5.1	4.4 3.6 5.5	4.3 4.8 3.8	6.2 6.8 5.6
All settlements. State government. Local government	3.8	5.4 4.9 5.7	5.7 6.0 5.6	5.1 3.9 5.4	5,4 4,7 5,7	5.4 6.0 5.4	5.1 3.7 6.8	5.3 4.9 5.6	6.0 6.0
Total effective wage adjustments 4 (percent)	5.0	5.7	5.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA
Current settlements Prior settlements Cost-of-living adjustments. State government Local government		4,1 1,6 (Z) 4,5 6,5	2.4 3.0 (z) 5.6 5.4	(NA) (NA) (NA) (NA)	(NA) (NA) (NA) (NA)	(NA) (NA) (NA) (NA)	(NA) (NA) (NA) (NA)	(NA) (NA) (NA) (NA)	(NA (NA (NA (NA

NA Not available. Z Less than .05 percent. ¹ Number of workers covered by settlements reached in each calendar year. ¹ Data relate to settlements reached in each calendar year and exclude possible cost-of-living adjustments. ² Avarage annual rate of change. ¹ Data relate to all wage changes implemented in the year stemming from settlements reached in the year, deferred from prior year agreements, and cost-of-living clauses.

Source: U.S. Bureau of Labor Statistics, Monthly Labor Review, May 1985; Current Wage Developments, May 1986 and Merch 1987; and unpublished data.

# No. 465. STATE AND LOCAL GOVERNMENT EMPLOYMENT (FULL-TIME EQUIVALENT) BY SELECTED FUNCTION, 1970 TO 1984, AND BY STATE, 984

[in thousands, for October. Except 1982, local government data are estimates subject to sampling variation; see source and Appendix III. For composition of regions, see fig. inside front cover]

YEAR, REGION, DIVISION, AND STATE	EDUCATION				HEALTH AND		HIGHWAYS		POLICE AND FIRE		PUBLIC	
	Total		Higher education		HOSFITALS		HIGHWATS		PROTECTION		WELFAN	
	State	Local	State	Local	State	Local	State	Local	State 1	Local	State	L
1970	803.0	3.454.6	722.2	119.4	482.0	469.0	296.8	271.4	55.8	583.7	97.3	١,
975	952.1	4,000.0	849.2	191.2	568.4	562.3	271.5	298.1	68.6	690.1	157.1	b
1980	1.062.8	4,278.3	947.7	212.1	649.8	646.4	255.3	277.4	75.5	745.0	171.5	l á
981			947.7		049.0				75.5 73.1	740.0		1
	1,062.5	4,239.6	951.7	210.2	654.3	639.3	244.1	265.4	73.1	753.1	169.4	1.3
1982	1,052.5	4,177.8	944.5	213.2	652.6	661.6	241.4	268.0	75.3	760.4	169.9	2
1983	1,072.1	4,164.8	965.7	193.9	637.9	651.9	239.5	265,4	75.9	760.3	172.5	2
1984	1,091.0	4,303.7	981.2	197.6	644.1	642.9	243.9	274.5	78.7	774.4	174.5	2
Region:	100	Trans.		100		19.50	(2.3)	1000	1000	1000	7.00	Г
Northeast	145.6	875.4	128.7	29.1	172.7	107.6	52.3	65.2	19.2	186.2	37.6	1
Midwest	304.9	1,060.4	285.0	48.4	126.3	152.3	48.3	77.9	15.8	182.3	44.5	1
South	401.5	1,560.0	360.4	58.1	257.5	259.6	98.0	88.6	25.2	249.0	70.5	
West	239.0	808.0	207.1	62.0	87.7	123.4	45.2	42.8	18.4	156.7	21.9	
1. Eng	51.4	220.3	44.9	.2	41.4	14.0	15.4	14.1	4.7	48.7	15.4	1
ME	6.0	23.0	4.7	-	2.6	1.1	2.6	1.6	.5	2.9	1.7	F.
NH	5.9	16.8	5.6		2.3	.,	1.7	1.3	.3	3.1	1.1	1
VT	3.6			11.5	1.1					3.1		1
VT		10.4	3.4				1.1	.9	.4		.7	1
MA	16.9	97.6	15.5	.2	20.0	11.4	4.6	6,0	1.7	26.5	8.2	1
RI	6.3	15.2	5.4	-	4.0	1.4	1.1	.8	.2	4.2	1.5	1
CT	12.8	57.3	10.3	0.0	11.4		4.4	3.4	1.4	11.2	2.2	1
Aid Ati	94.1	655.1	83.8	28.9	131.3	93.6	36.9	51.1	14.5	137.5	22.2	
NY	46.4	310.4	41.2	16.7	80.7	74.3	14.5	30.6	5.3 4.3	77.3	6.8	1
MI	23.0	152.0	20.1	6.5	20.2	14.0	8.3	10.2	4.3	30.6	4.8	1
PA	24.8	192.7	22.6	5.8	30.4	5.2	14.1	10.3	4.9	29.6	10.6	
PA No. Cent	206.7	829.6	193.9	34.6	77.8	103.6	26.2	49.8	10.6	135.4	27.9	
OU. COM	50.7	182.6	48.4	2.8		26.1	8.5	13.0		32.0		
01	50.7			2.8	21.4			13.0	2.0		1.4	
IN	34.4	196.9	30.1		10.6	19.5	4.9	5.3	1.7	15.3	1.3	1
M	39.7	192.5	37.1	16.2	18.9	22.6	7.3	11.8	3.3	47.3	10.7	1
М	48.6	173.1	46.5	9.1	18.6	24.8	3.7	9.7	2.9	24.9	13.1	1
WI	33.2	84.5	31.7	6.5	8.3	10.7	1.8	10.0	.7	15.8	1.4	1
V. No. Cent	98.2	330.9	91.1	13.8	48.5	48.7	22.1	28.0	5.2	46.9	16.6	r
MN	24.2	68.7	22.8	-	9.9	13.1	4.7	6.4	.8	9.1	1.4	1
IA	18.8	58.6	17.6	4.4	9.5	8.3	3.2	5.6	.8	6.6	3.5	1
MO ND	17.2	88.5	15.2	3.5	14.6	16.6	6.0	5.2	1.8	16.5	5.3	1
ND	5.5	14.5	5.2	.2	2.7	.2	1.0	1.2	.3	1.4	.4	
SD	4.3	14.7	3.8		1.9	.7	1.1	1.5	.3	1.5	1.0	1
NE				1.9								1
	12.6	32.4	11.9		4.0	3,6	2.4	3.2	.5	4.1	2.5	1
KS	15.6	53.4	14.6	3.9	6.1	6.1	3.6	4.9	.7	7.6	2.5 26.7	1
io. Atl	177.8	750.0	159.9	33.5	128.2	131.2	51,3	35.5	14.1	128.1	26.7	ш
DE	4.9	10.1	4.6		3.2	1	1.2	.4	.6	1.2	.7	1
MD	23.1	79.4	20.9	6.1	17.4	2.5	4.8	5.0	2.2	15.8	5.6	1
DC	IVI	12.3	(v)	1.5	(v)	5.4	(4)	1.0	(4)	5.9	(4)	1
VA	35.1	112.3	(x) 32.3	1.0	(x) 23.6	4.5	(x) 10.1		(x) 2.0	16.6	(x)	1
WV		112.3		-	23.0			3.3	2.0		2.7	
MA.	10.9	42.1	9.4	1.00	5.8	4.6	5.5	1.1	.8	3.6		1
NC	27.9	127.9	24.9	10.0	17.5	23.0	11.0	3.0	2.5	15.5	1.1	1
SC	21.9	65.2	18.9	-	15.3	10.0	4.6	2.0	1.5	7.9	3.8	1
	27.1	112.7	24.1	.9	21.5	43.8	6.1	7.3	1.7	19.0	5.5	1
FL	27.0	188.0	24.8	14.9	24.0	37.3	7.9	12.4	2.8	42.5	6.4	L
So. Cent	86.4	261.2	75.2	3.9	44.5	54.7	18.6	20.8	4.7	40.0	16.2	L
KY	21.2	63.2	17.5		7.8	7.2	6.5	2.8	1.7	8.0	4.2	L
TN	24.9			3			6.0	6.6			5.0	1
	24.9	76.8	22.8		13.6	16.2	5.0		1.1	14.8	5.0	1
AL	25.9	67.4	22.0		13.8	17.4	4.1	6.6	.9	11.0	4.2 2.8	1
MS. V. So. Cent AR LA	14.4	53.7	13.0	3.9	9.8	13.9	3.0	4.8	1.0	6.2		1
v. so. Cent	137.4	548.9	125.1	20.7	84.7	73.6	28.2	32.4	6.5	80.9	27.7	1
AR	13.1	43.9	10.8	-	7.5	5.3	3.5	3.2	.8	5.4	2.3 5.2	1
LA	28.2	83.5	23.5	.1	24.0	11.7	6.8	6.1	1.2	14.7	5.2	L
OK	21.4	62.8	19.4	1	11.0	8.3	3.6	5.6	1.6	10.3	8.7	ſ.
TX	74.7	358.6	71.4	20.6	41.9	48.3	14.2	17.4	2.9	50.5	11.6	
	80.5	240.6	74.6		25.4	28.4	16.7	14.4	4.7	40.9	8.8	1
AAT				8.3	20.4	20.4			4.7		0.0	
MT	4.6	18.4	4.2	.2	1.5	1.3	1.8	1.4	3 3	2.0	1.0	1
ID	5.5	18.8	5.1	.6	2.0	2.8	1.7	1.4	.3	2.6	.6	1
WY	2.6	14.3	2.3	1.4	1.5	3.7	1.7	.9	.3	1.9	.6	1
CO	19.9	59.2	19.1	1.0	6.9	7.8	2.9	4.3	.9	11.1	.9	1
NM	12.5	28.4	11.9	4	5.8	2.5	2.6	1.6	.7	4.6	1.7	1
AZ	16.5	58.4	14.4	5.0	2.7	4.3	2.9	2.9	1.6	10.2	2.0	1
UT	14.8	29.7	13.8	3.0	4.0	1.3	1.8	1.4	.5	3.9	1.5	1
NV									.5			1
	4.1	13.5	3.9	44.7	1.1	4.6	1.3	7	.3	4.5	6	1
ac	158.5	567.4	132.4	53.8	62.2	94.9	28.5	28.4	13.7	115.8	13.0	П
WA	28.7	67.3	27.1	-	10.8	7.5	5.5	5.0	1.3	12.8	5.1	1
WA	12.4	54.9	11.6	5.3	6.4	3.7	3.2	3.1	1.1	8.3	3.2	1
CA	88.8	435.4	84.6	48.4	39.4	82.9	15.8	18.6	10.9	89.0	2.7	1
AK	6.9	9.8	3.5	40.4	.8		2.0	10.6	10.5	1.5		1
	0.9	3.0	3.5	-		.7	3.2		.5		1.1	1
HI	21.7		5.6		4.9	2	. 8	1.2		4.2	1.0	

Represents zero. X Not applicable. <sup>1</sup> For State government, represents police protection only.

Source: U.S. Bureau of the Census, 1982 Census of Governments, Vol. 6, No. 4, Historical Statistics on Governmental Finance and Employment, and Public Employment, series GE, No. 1, annual.

### 66. STATE AND LOCAL GOVERNMENT EMPLOYMENT AND AVERAGE EARNINGS—BY STATE: 1980 AND 985

[For October, For composition of regions, see fig. I, inside front cover]

	7	OTAL EM	PLOYMEN (00)	т	FULL-	OOO PO	PULATION	PER	,	VERAGE EARNIN	OCTOBER	()
VISION, AND ATE	Sta	ate	Loc	al 1	Sta	ite	Loc	al 1	Sta	ate	Loc	al 1
	1980	1985	1980	1985	1980	1985	1980	1985	1980	1985	1980	1985
Military desired and account of the state of	3,753	3,984	9,562	9,685	126	125	329	317	1,373	1,935	1,323	1,865
}#####################################	703 964 1,322	777 966 1,421	2,098 2,548 3,017	2,065 2,491 3,165	120 112 141	129 111 136	337 318 335	332 306 325	1,367 1,422 1,221	2,028 1,921 1,911 2,228	1,423 1,347 1,114	2,026 1,837 1,609
	762	818	1,897	1,964	127	120	323	303	1,627	1,914	1,535	1,875
	23	25	44	44	151	154	277	272	1,266	1,691	1,083	1,451
	19	21	34	38	140	138	273	254	1,230	1,618	1,083	1,549
	12	13	18	19	204	197	247	242	1,251	1,688	1,063	1,536
	89	94	250	216	130	132	343	301	1,214	1,941	1,453	1,954
	25	25	27	26	201	181	252	233	1,326	1,885	1,443	2,119
	53	62	109	107	143	155	277	273	1,320	2,096	1,454	1,971
	482	537	1,616	1,615	112	123	349	350	1,413	2,074	1,434	2,066
	231	288	865	906	119	144	391	411	1,432	2,195	1,493	2,182
	102	105	331	319	111	116	365	348	1,415	2,057	1,407	2,003
	149	144	420	390	102	96	276	261	1,379	1,814	1,333	1,848
	643	634	1,765	1,728	104	103	314	305	1,468	1,998	1,406	1,890
	153	151	445	428	98	95	310	307	1,321	1,848	1,299	1,273
	91	96	215	217	106	114	307	298	1,399	1,918	1,121	1,569
	155	155	483	472	99	95	315	306	1,451	2,026	1,485	1,951
	161	156	397	389	112	112	312	302	1,620	2,159	1,600	2,139
	83	76	225	222	111	111	328	315	1,580	2,012	1,402	1,900
	321	332	783	763	133	131	329	309	1,335	1,779	1,210	1,712
	73	75	199	183	119	113	332	299	1,577	2,273	1,401	1,976
	55	59	130	130	132	137	329	311	1,361	1,944	1,226	1,615
	77	74	194	185	121	116	312	292	1,231	1,540	1,112	1,651
	17	19	34	35	176	180	282	278	1,322	1,769	1,309	1,873
	16	17	31	33	164	158	295	296	1,244	1,576	994	1,361
	33	34	82	79	157	163	381	351	1,151	1,426	1,207	1,662
	50	54	113	118	146	146	351	344	1,309	1,854	1,092	1,607
	649 17 87 (x) 114 47 102 68 95 119	690 21 89 (x) 119 43 107 74 98 139	1,524 18 173 53 201 65 247 114 254 399	1,580 18 160 52 212 66 257 120 266 429	145 251 184 (x) 163 193 139 186 145	135 252 156 (x) 155 181 138 178 134 97	343 250 332 721 306 298 343 303 390 345	325 236 287 752 300 302 316 296 375 326	1,240 1,265 1,308 (x) 1,240 1,066 1,298 1,234 1,193 1,242	2,132 1,744 1,912 (x) 1,769 1,460 1,850 1,659 1,730 1,662	1,147 1,197 1,429 1,775 1,189 1,091 1,091 978 995 1,177	1,680 1,842 2,102 2,477 1,696 1,517 1,581 1,420 1,454 1,706
	266	280	548	538	145	147	310	297	1,183	1,667	1,036	1,438
	70	71	114	114	157	153	247	249	1,179	1,606	1,108	1,488
	74	79	180	171	129	131	337	305	1,172	1,666	1,084	1,499
	76	80	150	146	152	156	324	304	1,280	1,878	1,013	1,466
	46	50	104	107	145	154	332	342	1,052	1,426	903	1,236
	407	451	945	1,047	134	132	336	339	1,213	1,785	1,106	1,592
	45	44	80	82	153	149	286	262	1,097	1,656	927	1,292
	94	106	155	167	187	185	329	319	1,163	1,667	1,022	1,470
	68	72	118	124	165	161	319	316	1,190	1,724	1,029	1,485
	200	229	592	674	109	109	351	358	1,272	1,884	1,168	1,674
	242	263	486	529	153	140	328	314	1,418	1,954	1,306	1,858
	22	21	35	36	179	173	334	305	1,335	1,816	1,190	1,669
	19	19	39	42	146	128	301	298	1,353	1,777	1,106	1,487
	11	13	28	32	177	188	415	447	1,470	1,920	1,287	1,844
	59	62	129	140	126	113	339	329	1,588	2,320	1,320	1,900
	42	42	48	53	240	208	317	316	1,262	1,714	1,136	1,582
	42	53	120	130	129	109	347	318	1,405	2,034	1,461	2,058
	32	37	55	59	164	169	262	245	1,415	1,792	1,263	1,798
	15	16	32	37	138	135	336	320	1,498	1,965	1,401	2,053
	520	555	1,411	1,435	117	112	321	299	1,725	2,352	1,618	2,319
	94	97	156	162	156	148	302	288	1,526	1,981	1,555	2,073
	55	56	117	113	149	137	321	298	1,397	1,900	1,402	1,880
	310	328	1,107	1,124	92	89	332	307	1,867	2,556	1,642	2,386
	18	26	18	23	399	402	367	355	2,065	3,004	2,301	3,211
	43	48	13	13	354	342	123	111	1,403	1,782	1,395	1,920

plicable. <sup>1</sup> Estimates subject to sampling variation, see source and Appendix III. <sup>9</sup> 1900 based on enumerated dation as of April 1; 1985 estimated resident population as of July 1. <sup>8</sup> For full-time employees.

B. Bureau of the Ceneus, Public Employment, series GE, No. 1, annual.

#### No. 467, City Government Employment and Payrolls: 1960 to 1965

(For October, includes only those school systems operated as part of the city government. Represents everage for period of intervals shown; for 1900, change from 1955, 1972, 1977, and 1952 based on complete census of all cities; other years based on sample and subject to sampling veriation. For explanation of everage annual percent change, see Guide to Tabular Presentation. Minus sign (—) indicates decrease)

YEAR	EMPLO FULL-TI PART (1,0	YEES, ME AND TIME	PAYE	OBER ROLLS dol.)	AVERA ANNU PERCI CHAN	AL	8	FULL-TIME QUIVALEN MPLOYMEI (1,000)	T	EARNII OCTO FULL- EMPLO (dol	NGS IN OBER, -TIME DYEES
	Total	Excl. edu- cation	Total	Excl. edu- cation	All em- ployees	Oc- tober pay- roll	Total	Edu- cation	Other	Edu- cation	Other
1960 1965	1,692	1,439	583 818	471 649	3.3	7.1	1,447	225 282	1,222	502 603	387
1970	2,244	1,815	1,361	1,062	3.6	10.7	1,922	359	1,563	838	681
1971	2,273	1.838	1.482	1,167	1.3	8.9	1,960	366	1.594	876	735
1972		1,918	1,654	1,302	4.5	11.6	2,029	378	1.650	951	792
1973	2,471	1,992	1,855	1,441	4.0	12.2	2,109	402	1,707	1,045	846
974	2,491	2,009	1,985	1,560	.8	7.0	2,127	405	1,722	1,060	909
1975	2,506	2,074	2,129	1,725	.6	7.3	2,142	376	1,767	1,130	972
976	2,443	2,021	2,235	1,804	-2.5	5.0	2,107	360	1,747	1,207	1,035
977	2,511	2,084	2,415	1,959	2.8	8.0	2,168	358	1,812	1,280	1,087
978	2,511	2,086	2,537	2,059	(Z)	5.1	2,165	361	1,804	1,341	1,14
979	2,553	2,121	2,729	2,215	1.7	7.6	2,189	364	1,825	1,414	1,23
980	2,561	2,130	2,942	2,403	.3	7.8	2,166	360	1,806	1,501	1,33
981 982	2,469	2,056	3,222	2,640	-3.6 -2.9	9.5	2,111	346	1,765	1,791	1,50
983	2,423	2,015	3,640	3,059	1.1	6.2	2,060	300	1,760	1,962	1.73
984	2,434	2,070	3,872	3,268	4	6.4	2,090	300	1,790	2.033	1,83
1985	2,467	2,102	4,191	3,536	1.4	8.2	(NA)	(NA)	(NA)	2,117	1,95

NA Not available. Z Less than .05 percent.

Source: U.S. Bureau of the Census. Consus of Governments, 1972, 1977, and 1982, Vol. 3, No. 2, Compandium of Public Employment, and City Employment, series GE, No. 2, annual.

### No. 465. CITY GOVERNMENT EMPLOYMENT AND PAYROLLS—ALL CITIES AND CITIES WITH 50,000 POPULATION OR MORE, BY FUNCTION: 1960 TO 1984

[For October]

		E	MPLOYE	8 (1,000	)			OCTOR	ER PAYR	OLLS (mi	l. dol.)	
ITEM		All cities 1	ı		s with 50 silion or r		-	VII cities	ı		s with 50 stion or r	
	1983	1963	1694	1800	1983	1984	1983	1983	1694	1980	1963	7
Total	2,581	2,423	2,434	1,645	1,645	1,800	2,942	3,640	3,872	2,182	3,000	2,807
Full-time Part-time	2,071 469	1,973 450	2,007 427	1,437 208	1,350 196	1,376 182	2,826 116	3,494 146	3,731 141	2,111 71	2,5 <b>89</b> 90	2,780 60
Full-time equivalent	2,166	3,000	2,006	1,466	1,434	1,422	(x)	(x)	(x)	(x)	. (X)	8
Education *	360 17 265 94	300 15 219 60	300 14 222 78	304 20 224 80	255 18 186 66	251 18 186 64	539 18 438 102	581 16 473 108	694 16 492 112	463 21 376 87	511 19 418 95	18 18 47 80
Highways	121 41 131 35 386 190	116 43 129 34 369 189	121 44 123 34 373 191	60 38 87 32 224 130	59 39 85 31 226 128	61 40 84 31 229 130	141 47 143 47 550 300	176 89 192 57 713 394	196 71 189 59 761 421	77 45 102 44 399 218	102 84 138 53 479 290	112 67 148 54 512 307
Sewerage Sentation Parks and recreation Housing, urban renewal Correction Libraries Financial administration General control	60 104 103 44 18 34 89	61 92 96 43 21 34 67 106	64 91 97 43 24 38 66	32 83 72 38 17 25 38	32 55 65 36 20 27 36	36 55 67 38 23 27 37 64	74 118 116 57 27 38 85 147	96 134 139 72 42 47 106 186	106 137 149 78 50 53 113 207	44 81 84 51 26 26 51 95	55 93 99 65 41 37 82 115	96 100 70 40 30 121
Local utilities 4		215 95 48 87 142	219 95 48 86 141	139 50 24 82 127	145 52 26 84 101	149 52 28 65 100	306 116 87 115 206	408 150 93 150 232	431 181 106 156 246	225 70 41 110 159	303 91 61 145 174	325 91 70 160 180

X Not applicable. <sup>1</sup> Data are estimates subject to sampling variation; see source and Appendix III. <sup>2</sup> Based on 1980 population. <sup>2</sup> City-operated schools and colleges only. <sup>4</sup> Includes gas supply, not shown below.

Source: U.S. Bureau of the Census, City Employment, series GE, No. 2, annual.

IO. CITY GOVERNMENT EMPLOYMENT AND PAYROLL—SELECTED LARGE CITIES: 1980 TO 1985 abor. See text, section 9. See footnote 3, table 467, for those areas representing city/county consolidated governments]

		TOTAL			ULL-TIN	E EMPL	OYMEN	r		DBER	AVE	
ANKED BY POPULATION-SIZE, 1984	ЕМ	PLOYME (1,000)	ENT	To	tal (1,0	00)		0,000 ation <sup>1</sup>	PAYI (mil.	ROLL	OCTOBE TIME EM (de	R, FULL-
	1980	1984	1985	1980	1984	1985	1980	1985	1980	1985	1980	1985
i, NY 2 3 les, CA III. TX	364 42 47 18 33 22	374 42 445 20 33 18	393 43 445 21 33 20	302 40 44 17 31 21	322 41 443 19 32 18	339 42 443 21 31 19	427 136 148 107 186 172	474 136 145 121 189 177	504 73 71 26 51 40	835 118 * 89 41 70 43	1,587 1,806 1,569 1,499 1,611 1,852	2,341 2,798 1,919 2,213 2,192
C. S, CA. AZ.	14 *8 9 10	15 8 10 12	15 8 10 13	14 17 9 10	14 7 9 12	14 8 9 12	153 * 83 114 125	152 80 104 143	20 * 12 14 13	28 18 22 23	1,465 * 1,773 1,517 1,282	1,945 2,216 2,347 1,877
HI MD * 3	9 44 21 13 4 25 45 10 11 128	9 *34 24 11 5 *27 42 9 9	9 31 25 12 7 5 23 44 9 9	9 38 21 12 4 21 39 9	8 4 29 24 11 4 4 22 38 9 8	8 29 25 11 7 4 19 39 9 8 21	115 488 310 170 59 329 611 144 * 202 * 405	103 378 348 156 161 287 633 140 136 360	12 47 37 13 7 29 73 15 * 11 * 35	17 58 65 18 7 12 37 100 20 17 41	1,401 1,172 1,761 1,098 1,714 1,335 1,761 1,631 *1,031 *1,398	1,966 1,932 2,639 1,536 7 2,885 1,924 2,429 2,226 2,083 2,014
i, OH	10 13 10 13 10 5 11 18 7 5 13	7 11 9 11 10 5 17 7 5	7 11 9 12 10 5 18 8 75	7 10 12 9 12 9 4 11 17 6 4 12	6 11 8 11 8 4 16 7 4	6 11 8 11 8 4 16 7	118 20 221 158 236 177 104 11 370 144 102 274	110 197 155 216 171 95 350 163 7 104 181	10 10 11 13 18 77 3 11 22 9 6	13 18 18 26 23 7 31 15 18	1,498 10 919 1,460 1,540 1,830 942 11 1,295 1,368 1,323 1,279	1,967 1,602 2,050 2,326 2,605 1,529 1,856 1,964 1,896
iA h, TX PA ch, CA	85 106 85 84 47 94 5	8569544755	8 5 6 10 5 4 4 6 5 5 5 5	84 106 64 54 4 6	8569444654	7 5 6 9 5 4 4 6 5 7 4	185 122 16 126 178 125 124 115 168 102 111	172 115 140 239 120 124 105 149 128 7 113	10 *5 10 *7 *5 6 10 *7 *5 8	13 9 12 20 12 5 10 13 8 7 10	1,230 6 1,198 10 1,116 1,515 5 1,678 6 1,184 1,408 1,527 9 908 1,916	1,777 1,920 2,113 2,088 2,530 * 1,184 2,590 2,230 1,626 7 2,301
VZ.  Ilis, MN CA.  QA.  UE, NM.  HH.  Y 2 4  IE.  NC.  VJ 12  Seach, VA 2	4 6 4 4 14 3 4 12 10	4 6 4 6 3 12 3 4 5 10	55 4 6 3 12 3 4 5 11	4 5 4 4 5 12 5 4 12 9	4 4 4 5 3 10 3 4 5 8	4 4 5 3 10 3 4 5 10	123 129 104 128 95 338 88 124 372 338	119 121 102 144 91 285 80 116 150 315	6 9 7 *4 6 18 5 17	9 11 10 10 7 22 7 7 8 17	1,474 1,821 2,011 *1,135 1,758 1,475 1,684 1,290 1,387 1,204	2,027 2,468 2,700 1,949 2,334 2,155 2,409 1,818 1,698 1,710
nio, CA. KY. (S. (A.* (M.* (M.* (M.* (M.*)	3 6 3 11 4 5 3 4	3 5 3 11 4 4 3 3	3 5 3 11 4 4 3 3	3 5 3 10 4 4 2 3	3 4 3 9 3 4 2 3	35393423	113 179 106 373 128 157 106 118	93 158 95 331 119 139 87 108	6 7 4 12 5 5 4 8	8 7 5 17 6 7 6 8	1,762 1,358 1,327 1,222 1,333 1,178 1,607 1,734	2,499 1,534 1,87 1,685 1,785 1,856 2,365 2,496
hristi, TX	*3 4 11 10 3 2 3	3 4 8 3 3	3 5 1*9 3 3	*3 3 11 8 3 2	3 4 7 3 2 3	3 4 13 7 3 2 3	* 121 152 11 340 132 87 121	118 169 19 307 111 78 121	*3 5 11 14 4 3 4	5 9 18 18 5 6 5	942 1,445 111,630 1,173 1,616 1,509	1,726 2,156 1,904 2,786 1,890

d on 1980 enumerated population as of April 1 and 1984 estimated population as of July 1. 

Includes city-operated university or college. 

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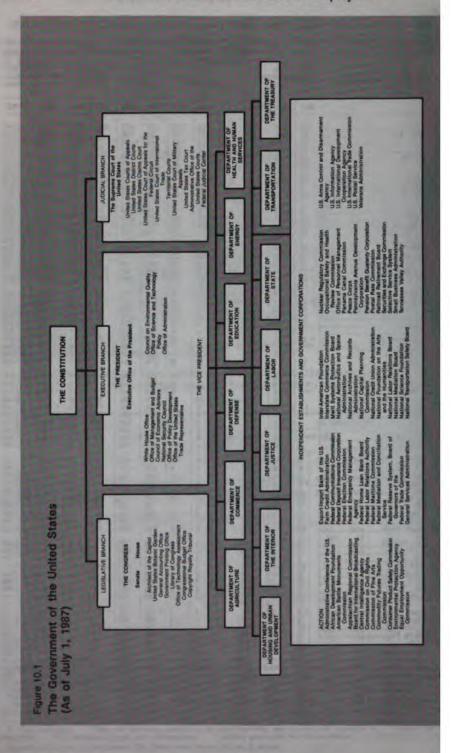
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<sup>:</sup> U.S. Bureau of the Census, City Employment, series GE, No. 2, annual.





Section 10

# Federal Government Finances and Employment

section presents statistics relating to the financial structure and the civilian employment of israil Government. The fiscal data cover taxes, other receipts, outlays, and debt. The princices of fiscal data are The Budget of the United States Government and related documents, id annually by the Office of Management and Budget (OMB), and the Department of the y's United States Government Annual Report and its Appendix. Detailed data on tax returns lections are published annually by the Internal Revenue Service. The personnel data relateing and payrolls for the various public functions and agencies, to employee characteristics, civil service status; they are published by the Office of Personnel Management and the of Labor Statistics (see p. 290). The primary source for data on public lands is Public Land is, published annually by the Bureau of Land Management, Department of the Interior. Data raily owned land and real property are collected by the General Services Administration and and in its annual Inventory Report on Real Property Owned by the United States Throughout tid.

et concept.—Under the unified budget concept, all Federal monies are included in one hensive budget. These monies comprise both Federal funds and trust funds. Federal funds ved mainly from taxes and borrowing and are not restricted by law to any specific governarpose. Trust funds, such as the Unemployment Trust Fund, collect certain taxes and other for use in carrying out specific purposes or programs in accordance with the terms of the resement or statute. Fund balances include both cash balances with Treasury and investin U.S. securities. Part of the balance is obligated, part unobligated. In recent years, the totals, under provisions of law, have excluded some Federal activities—including the Federicing Bank, the Postal Service, the Synthetic Fuels Corporation, and the lending activities of all Electrification Administration. The Balanced Budget and Emergency Deficit Control Act of I.L. 99-177) repealed the off-budget status of these entities and placed social security (Fediage and survivors insurance and the Federal disability insurance trust funds) off-budget. social security is now off-budget and, by law, excluded from coverage of the congressional resolutions, it continues to be a Federal program. Data showing unified budget totals of receipts and outlays that incorporate social security are presented in the 1986 Budget for rs 1936 to 1992; more detailed tables generally show data since 1976.

ipts arising from the Government's sovereign powers are reported as governmental receipts; r receipts, i.e., from business-type or market-oriented activities, are offset against outlays. are reported on a checks-issued (net) basis (i.e., outlays are recorded at the time the to pay bills are issued).

concept.—For most of U.S. history, the total debt consisted of debt borrowed by the y (i.e., public debt). The present debt series, includes both public debt and agency debt. is Federal debt includes money borrowed by the Treasury and by various Federal agencies; broadest generally used measure of the Federal debt. Total public debt is covered by a y debt limitation, currently \$2.4 trillion through August 17, 1987, and includes only borrowing Treasury.

sury receipts and outleys.—All receipts of the Government, with a few exceptions, are deto the credit of the U.S. Treasury regardless of ultimate disposition. Under the Constitution, sey may be withdrawn from the Treasury unless appropriated by the Congress.

day-to-day cash operations of the Federal Government clearing through the accounts of the easury are reported in the *Daily Treasury Statement*. Extensive detail on the public debt is ad in the *Monthly Statement of the Public Debt of the United States*.

st receipts such as taxes, customs duties, and miscellaneous receipts, which are collected emment agencies, and outlays represented by checks issued and cash payments made by ng officers as well as government agencies are reported in the Monthly Treasury Statement sipts and Outlays of the United States Government and in the Treasury's United States Government and in the Treasury's United States Government agencies are on the same basis as the unified budget.

quarterly *Treasury Bulletin* contains data on fiscal operations and related Treasury activities, g financial statements of Government corporations and other business-type activities.

Income tax returns and tax collections.—Tax data are compiled by the Internal Revenue Service of the Treasury Department. The Annual Report of the Commissioner and Chief Counsel of the Internal Revenue Service gives a detailed account of tax collections by kind of tax and by regions, districts, and States. The agency's annual Statistics of Income reports present detailed data from individual income tax returns and corporation income tax returns. The quarterly Statistics of Income Bulletin has, in general, replaced the incorporated business supplemental Statistics of Income publications which presented data on such diverse subjects as local area data for individuals as well as data from fiduciary income tax and estate tax returns, sales of capital assets by individuals, international income and taxes reported by corporations and individuals, and estate tax wealth.

Employment and payrolls.—The Office of Personnel Management collects employment and payroll data from all departments and agencies of the Federal Government, except the Central Intelligence Agency, the National Security Agency, and the Defense Intelligence Agency. Employment figures represent the number of persons who occupied civilian positions at the and of the report month shown and who are paid for personal services rendered for the Federal Government, regardless of the nature of appointment or method of payment.

Federal payrolls include all payments for personal services rendered during the report month and payments for accumulated annual leave of employees who separate from the service. Since most Federal employees are paid on a biweekly basis, the calendar month earnings are partially estimated on the basis of the number of work days in each month where payroll periods overlap.

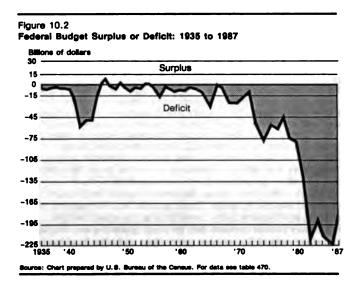
Federal employment and payroll figures are published by the Office of Personnel Management in its Monthly Release of Federal Civilian Workforce Statistics. It also publishes blennial employment data for minority groups, and data on occupations of white- and blue-collar workers; reports on salary and wage distribution of Federal employees are published annually. General schedule is primarily white collar; wage system primarily blue collar. Data on Federal employment are also issued by the Bureau of Labor Statistics in its Monthly Labor Review and in Employment and Earnings and by the Bureau of the Census in its annual Public Employment.

Public lands.—The data on applications, entries, selections, patents, and certifications refer to transactions which involve the disposal, under the public land laws (including the homestead laws), of Federal public lands to non-Federal owners. In general, original entries and selections are applications to secure title to public lands which have been accepted as properly filed (i.e., allowed). Some types of applications, however, are not reported until issuance of the final certificate, which passes equitable title to the land to the applicant. Applications are approved when full compliance with the requirements of the laws is shown and become final entries (perfected entries) upon issuance of a final certificate. Patents are Government deeds which pass legal title to the land to the applicant. Certifications are issued in lieu of patents in connection with certain State selections.

Historical statistics.—Tabular headnotes provide cross- references, where applicable, to Historical Statistics of the United States, Colonial Times to 1970. See Appendix IV.

People for States and material literature of the Colonial Times to 1970.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in State and Metropolitan Area Data Book 1986. For cross-references, see Appendix V.



NO. 470, PEDERAL BUDGET -- SUMMANT: 1870 10 1801

	Eys.	e gg	9	10.9	13.5	15.7	19.7	88	252	27.6	36.8	52.1	60.4	69.6	80.7	89.7	114.3	135.2	151.4	147	176.8	183 6
Ź	Ś	stand- ing gross debt	122.5	57.4	54.4	50.3	44.6	43.0	39.5	38.6	37.9	36,6	35.7	37.2	36.7	35.9	32	33.6	36.5	9.0	46.4	619
GNP .		Mation- al de- lense	39.1	9.5	9.6	0.0	7.0	0.0	9 6	6.3	0.0	999	5.7	23	200	8.4	9.0	5.3	9.9	6.0	8.4	8
PERCENT OF GNP	OUTLAYS	Human re- sources	9,60	9 0	9.0	7.90	9 00	90	7.1	7.6	8.3	6.0	11.4	12.0	1,5	11.2	11.7	12.1	12.4	15.8	120	11.8
		Total	43.6	17.7	18.9	8.8	18.2	19.8	19.8	9.6	20.0	19.2	21.8	21.9	21.21	21.1	22.0	22.7	38	24.3	24.0	23.8
MGE II	50	stand- ing gross debt	27.5	50	2.5	200	20	9.0	27	4.2	8.8	3.8	11.9	16.	12.2	10.1	0.0	9.6	14,2	50.5	15.9	16.7
NT CHANGE	ij	Trust	88	21.9	10.7	12.8	16.8	24.3	1.4	13.6	15.0	21.0	34.4	23.3	20	200	20.00	=	14.6	15.3	22.3	6.7
L PERCE	DUTLAYS	Fed- eral funds	2.8	3.7	90	6.0	12.4	10.0	3.6	5.5	8.6	2.7	23.2	11.7	9.8	12.4	200	14.5	9.5	12.8	13.8	4.3
ANNO	0	Total	6.4	10.0	0.6	4.6	13.8	17.0	3.1	6.5	9.8	9 6	23.4	1.9	10.0	12.1	17.4	14.8	10.0	000	11.1	
AVERAGE ANNUAL PERCENT		Re-	3.2	10.7	2.0	0.00	12.0	13.7	22.2	35	10.8	11.3	6.0	8.5	19.3	12.4	10.0	15.9	3.1	-28	10.1	4.8
ľ	Stand	gross debt 2	260.1	290.9	292.9	316.8	329.5	341.3	367.1	382.6	437.3	468.4	544.1	631.9	709.1	780.4	914.3	6.600,	147.0	381.9	827.2	0 000 0
Î		Trust	6.4.3	07	40	200	2.5	60	4.4	5.0	5.0	103	5.4	9.4	13.4	17.0	200	11.8	14.2	22.9	44.8	7 2 2 4
Он регісіт (—)		Federal	-53.0	4.0	4.6	986	0 0	15.7	-4.9	13.2	-29.3	-25.7	-60.7	1.98	-63.1	-71.9	82.6	-85.8	134.2	-230.8	-268.4	0000
SURPLUS		Total '	-47.6	0.00	-3.3	4.60	-3.7	9.8	3.2	-2.8	23.4	14.9	-53.2	-73.7	53.6	- 59.2	738	-78.9	-127.9	-207.8	2123	2000
	Varion.	de de le le le le le le le le le le le le le	13.7	42.7	49.6	4.60	58.1	4.0	82.5	81.7	79.2	76.7	86.5	89.6	97.2	104.5	34.0	157.5	185.3	500.8	2527	
	7	re- sources	14.2	26.2	31.6	32.3	43.3	513	66.4	75.3	107.2	135.8	173.2	203.6	221.9	242.3	313.4	362.0	388.7	426.0	471.8	9 101
OUTLAYS		Trust	9.1	3.0	0.6	1.00	10.8	13.4	15.7	17.8	25.5	33.9	45.6	58.2	66.9	59.9	848	8	107.9	124.4	152.7	7
		Fed- eral funds	38.4	62.3	79.4	98.9	106.6	127.5	148.2	156.3	178.1	201.4	248.2	277.2	304.5	342.4	433.5	496.2	543.4	613.2	725.9	750.5
		Total '	92.7	92.2	106.8	118.5	_	_	_	_	_	245.7	_	371.8	409.2	458.7	5003	678.2	745.7	808.3	946.3	8 000
		Trust	3.5	3.1	4.0	10.8	12.9	16.5	20.1	22.3	28.4	46.1	51.0	61.8	70.3	76.9	0.00	106.0	122.1	147.3	197.5	0 900
RECEIPTS		Fed- eral funds	35.3	58.2	75.2	84.0																
R		Total 1	_	_	_	112.6	_	_	_	_		_	_	_	-	_	_			_		_
	1	YEAR	45	960	61	963	99	67	69	70	72	1973	75	976	77	78	80	61	82 monthson	63	85	986

X. Not applicable. I includes of budget receipts, outleys, and interfund transactions. \* End of Secal year, See test, section 10 for decuseron of debt concept. \* Enr explanation of everage enrual percent changes for the budget because to Tablete Presentation. \* Gross national product as of Secal year, for calendar year GMP, see table 671. \* Change from 1944; from previous year shown for all other years. \* Represents transfor quarter, Judy-Secul.

#### No. 471. FEDERAL RECEIPTS BY SOURCE AND OUTLAYS BY FUNCTION: 1970 TO 1987

[In billions of dollars. For flacal years ending in year shown; see text, section 9. Receipts reflect collections; outlays stated terms of checks issued or cash payments. Covers both Federal funds and trust funds (see text, section 10). Exclus government-sponsored but privately-owned corporations, Federal Reserve System, District of Columbia government, and morheld in suspense as deposit funds. See Historical Statistics, Colonial Times to 1970, series Y 335-338, Y 343-361, and Y 41 487 for related data]

SOURCE OR FUNCTION	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987, est.	PER	CENT
					0	100		- 1	100	est	1980	19
Surplus or deficit (-)	-2.8	- 53.2	-73.8	-78.9	- 127.9	-207.8	- 185.3	-212.3	- 220.7	- 173.2	(x)	
Total receipts 1	192.8	279.1	517.1	599.3	617.8	600.6	666.5	734.1	769.1	842.4	100.00	100
Individual income taxes Corporation income taxes Social insurance taxes and	90.4 32.8	122.4 40.6	244.1 64.6	285.9 61.1	297.7 49.2	288.9 37.0	298.4 56.9	334.5 61.3	349.0 63.1	364.0 104.8	47.20 12.49	43 12
contributions Employment taxes and	44.4	84.5	157.8	182.7	201.5	209.0	239.4	265.2	283.9	301.5	30.52	35
contributions	39.1 3.5	75.2 6.8	138.7 15.3	163.0 15.8	180.7 16.6	185.8 18.8	209.7 25.1	234.6 25.8	255.1 24.1	273.2 23.8	26.83 2.97	32
surance and retirement Excise taxes	1.8	16.6	3.7	40.8	4.2 36.3	35.3	4.6	4.8	4.7	4.4	.72	L
Estate and gift taxes	3.6	4.6	6.4	6.8	8.0	6.1	37.4 6.0	36.0 6.4	32.9 7.0	32.6 6.0	1.24	3
Customs duties Miscellaneous receipts	2.4 3.4	3.7 6.7	12.7	13.8	8.9 16.2	8.7 15.6	11.4	12.1	13.3	14.4	1.39	
Federal Reserve earning deposits	3.3	5.8	11.8	12.8	15.2	14.5	15.7	17,1	18.4	15.8	2.28	
BY FUNCTION Total outlays '	195.6	332.3	590.9	678.2	745.7	808.3	851.8	946.3	989.8	1,015.6	100.00	100
									-	-	-	-
National defense !	81.7	86.5 85.9	131.0	157.5 153.8	185.3 180.7	209.9	227.4	252.7 245.4	273.4 265.6	282.2 274.2	22.68 22.16	27
Defense related activities	1.4	1.5	2.9	3.4	4.3	5.2	6.1	7.1	7.4	7.4	.02	
International affairs 1	4.3	7.1	12.7	13.1	12.3	11.8	15.9	16.2	14.2	14.6	2.15	1
assistance	2.3	3.1	3.6 1.4	1.3	3.8 1.6	4.0 1.8	4.5 1.9	5,4 2,1	5.0 2.3	4.4 2.7	.61 .23	
exchange	.2	.3	.5	.5	.6	.6	.7	.8	.9	1.0	.09	L
programs activities	.3	.4	2.4	2.0	.9	-1.1	.9	-1.5	-4.5	-2.1	.41	-
assistance	1.1	2.5	4.8	5.1	5.4	6.6	7.9	9.4	10.5	8.6	.81	1
Income security	15.6	50.2	86.5	99.7	107.7	122.6	112.7	128.2	119.8	124.9	14.64	12
disability insurance Federal employee retire-	1.0	4.7	5.1	5.4	5.6	5.6	5.4	5.6	5.3	5.5	.86	
Housing assistance	5.5	13.2	26.6 5.6	31.3 7.8	34.3 8.7	36.5 10.0	38.1 11.3	38.6 25.3	41.4 12.4	43.6 12.9	4.50 .95	1
Other income security Unemployment insurance	1.0 4.3 3.4	6.6 10.1 13.5	14.0 17.2 18.0	16.2 19.4 19.7	15.6 19.8 23.7	18.0 21.1 31.5	18.1 21.4 18.4	18.5 22.7 17.5	18.6 24.4 17.8	19.4 25.5 18.0	2.37 2.91 3.05	1
Health.	5.9	12.9	23.2	26.9	27.4	28.6	30.4	33.5	35.9	39.7	3.92	
Health care services Health research Education and training of	4.0	9.5 1.9	18.0	21.2	21.8	23.0	24.5	27.0 4.9	28.9 5,4	32.0 5.9	3.05	1 2
health care workforce Consumer and occupa-	.6	.9	.7	.8	.7	.6	.4	.5	.5	.5	.12	1
tional health and safety	2	.6	1.0	1.0	1.0	1.1	1.1	1.2	1.2	1.2	.17	1
Social Security and medicare Social Security	36.5 30.3	77.5 64.7	150.6	178.7 139.6	202.5 156.0	223.3 170.7	235.8 178.2	254.4 188.6	268.9 198.8	279.5 207.9	25.49 20.06	20
Medicare	6.2	12.9	32.1	39.1	46,6	52.6	57.5	65.8	70.2	71.6	5.43	17
Veterans benefits and services 1 Income security	8.7 5.5	16.6	21.2	23.0 12.9	24.0	24.6	25.6 14.4	26.3 14.7	26.4 15.0	26.7 15.1	3.59	1
Education, training, and rehabilitation	1.0	4.6	2.3	2.3	1.9	1.6	1.4	1.1	.5	4	.40	1
Hospital and medical care	1.8	3.7	6.5	7.0	7.5	8.3	8.9	9.5	9.9	10.3	1.10	١,
Housing	- 1	(z)	(-z)	.2	.1	(z)	.2	.2	.1	.1	(x)	
Education, training, em- ployment, and social services <sup>1</sup> Elementary, secondary,	8.6	16.0	31.8	33.7	27.0	26.6	27.6	29.3	30.6	29.8	5,39	١.
and vocational educa-										1		1
Higher education	1.4	2.2	6.9	7.2 8.9	7.2	6.3 7.2	6.5 7.4	7.6 8.2	7.8 8.4	7.6	1.17	
Training and employment Social services	1.6 2.3	4.1 4.4	1.2 10.3 6.1	9.2 6.9	1.0 5.5 6.0	5.3 6.1	1.2 4.6 7.2	1.1 5.0 6.7	1.2 5.3 7.2	1.4 5.0 7.5	1.75 1.03	

See looknoise at and of table.

471. FEDERAL RECEIPTS BY SOURCE AND OUTLAYS BY FUNCTION: 1970 TO 1987-Con. [In billions of dollars. See headnote, p. 292]

R PUNCTION	1970	1976	1980	1961	1962	1962	1984	1980	1986	1967,	PERI DISTRI	
										est.	1986	1987
and housing												
credit and thrift	2.1	9.9	8.4	5.2	e.s	8.7	9.9	4.2	4.4	9.9	1.50	.9
9 Postal	.1	6.0	5.6	4.7	4.0	3.9	3.8	.9	1.9	5.5	.95	.5
merce	1.5	3.0 1.0	1.2 2.5	1.4 2.1	.2 2.1	1.1 1.7	1.2 1.9	1.4 2.0	.8 1.8	1.8 2.0	.21 .43	ا. ا
	7.0	10.0	21.3	23.4	30.6	21.3	22.7	25.6	23.1	27.0	3.61	24
en <sup>1</sup> neportation ristion	4.7	7.0	15.3	17.1	14.3	14.3	16.2	17.6	16.7	17.9	2.58	1.7
portation	1.4	2.4 1.4	3.7 2.2	3.8 2.4	3.5 2.7	4.0 3.0	4.4 3.0	4.9 3.2	5.3 4.0	5.3 3.7	.63 .36	1
urces and nent 1					40.0	40.5	40.0	40.4				۱.
urces	3.1 1.5	7.8 2.6	13.6 4.2	13.6 4.1	13.6 3.9	12.7 3.9	13.6 4.1	13.4 4.1	13.6 4.0	19.9 4.2	<b>2.35</b> .71	1.
on and land	4	.7	1.0	1.2	1.1	1.5	1.3	1.5	1.4	1.6	.18	
al recources ontrol and	.4	.8	1.7	1.8	1.4	1.5	1.6	1.6	1.5	1.6	.28	-
nt rai resources	4	2.5 .8	5.5 1.4	5.2 1.5	5.0 1.5	4.3 1.5	4.0 1.6	4.5 1.7	4.8 1.9	4.5 1.9	.93 .24	1
	1.0	2.8	10.2	15.2	12.6	8.4				2.3		l
•••••	9.	2.4		10.2	8.3	6.1	7.1 3.3	5.7 2.6	4.7 2.8	1.9	1.72 1.42	
on	-		.6 3	.7 3.3	.5 3.9	.5 1.9	.5 2.5	.5 1.8	.5 .8	.4	.10	
preparedness , policy, and n	.1	.4	.9	1.0	و.	.9	.8	.7	a.	.,	.15	
and regional	••			"."				.,		"	.15	Ι.
ment -	2.4	4.5	11.3	16.6	6.3	7.8	7.7	7.7	7.2	6.2	1.50	١.
development regional devel-	1.4	2.3	4.9	5.1	4.6	4.4	4.5	4.6	4.1	4.3	.83	-
lef and	.7	1.6	4.3	3.6	3.8	3.2	3.0	3.1	2.7	1.9	.73	١.
)	.3	.4	2.0	1.7	1	(-z)	.1	(-z)	.4	(-z)	.35	(-
ne stabilization	<b>5.2</b> 4.6	3.0 2.2	6.6 7.4	11.3 9.8	15.8 14.3	22.6 21.3	13.0 11.9	30.6 23.8	31.4 29.6	31.1 29.2	1.50 1.25	3.
and services	6	.9	1.4	1.5	1.6	1.6	1.7	1.8	1.8	1.9	24	-
oce flecal	14.4	26.2	92.8	99.7	86.0	85.3	111.1	130.4	186.0	137.8	3.06	13.
<b>DO</b>	A	7.2	6.6	9.9	8.4	6.6	5.0	8.4	8.4	1.0	1.46	١.
	-	6.1	6.8	5.1	4.6	4.6	4.6	4.6	5.1	.1	1.16	•
nce, space, inclogy * ence and earch	4.5	4.0	5.8	6.6	7.2	7.9	6.3	6.6	9.9	9.5	.50	Ι.
ence and											i	
C	.9 2.3	1.0 1.7	1.4 2.6	1.5 3.1	1.6 3.5	1.8 4.1	1.8 4.0	2.0 4.0	2.2 3.8	2.3 4.3	.23 .44	:
nce, applica- technology	1.2	1.3	1.9	1.9	2.1	2.2	2.4	2.6	3.0	2.9	.31	١.
ernment 1	1.9	3.2	4.4	4.5	4.5	4.5	6.1	5.2	8.1	8.6	.75	١.
functions nt. direction	.3	.6	1.0	1.0	1.2	1.2	1.3	1.4	1.4	1.7	.16	١.
el operations	(z) .9	.1 1.9	.1 2.6	.1 2.6	.1 2.6	.1 3.1	.1 3.3	.1 3,5	.1 3.6	.1 4.5	.02	:
poerty and							1		ĺ			
nanagement	.6	.4	.3	.1	.2	.2	.2	.1	.5	(Z)	.06	
on of justice	1.0 .6	<b>3.0</b> 1.3	4.5 2.2	4.5 2.4	4.7 2.5	5.1 2.9	5.7 3.2	6.6 3.5	6.6 3.6	4.6	.78 .38	:
icial activities * .	.2		1.3	1.5	1.5	1.6	1.8	2.1	3.6 2.2	2.6	.23	
rectional	.1	.2	.3	.4	.4	.4	.5	.5	.6	.8	.06	
tice 0	.1	.9	.7	.5	.3	.2	.1	.2	.2	.3	.11	
f offsetting												
	-6.6	- 13.6	- 19.9	- 28.0	-30.1	-34.0	- 32.0	- 32.7	-33.5	-37.1	-3.37	-3.
shere, employ-				1	l							ļ

sents zero. X Not applicable. Z Less than \$50 million. 

1 Totals reflect interfund and intragovernmental i and/or other functions, not shown separately.

2 Includes supporting space activities.

3 Includes also of memory seess (-1-19), not shown separately.

3 Includes intragovernmental Shelf.

U.S. Office of Management and Budget, Historical Tables, Budget of the United States Government, annual.

#### No. 472. FEDERAL BUDGET OUTLAYS IN CURRENT AND CONSTANT (1982) DOLLARS: 1985 TO 1987

[For flacal years ending in year shown; see text, section 9. Given the inherent imprecision in deflating outleys, the data shown in constant dollars present a reasonable perspective—not precision. The deflators and the categories that are deflated are as comparable over time as is feasible. See headnote, table 470. Minus sign indicates decline]

			CURRENT	DOLLARS				CON	STANT (1	982) DOLL	ARS	
YEAR	Total	Nation- al de- fense	Total non- de- fense <sup>1</sup>	Pay- ments for individ- uals <sup>1</sup>	Net inter- est <sup>2</sup>	Aid to State and local govt.	Total	Nation- al de- fense	Total non- de- fense <sup>1</sup>	Pay- ments for individ- uals <sup>2</sup>	Net inter- est a	Aid to State and local govt.
TOTAL OUTLAYS (bil. dol.)		1.7		/- 1								
965	118.2	50.6	67.6	33.1	8.6	10.9	394.9	181.4	213.5	92.7	25.4	35.
970	195.6	81.7	114.0	64.7	14.4	24.0	509.4	225.6	283.8	152.2	25.4 34.7 34.0	61.
971	210.2	78.9	131.3	80.4	14.8	28.1	509.4	202.7	306.7	181.0	34.0	66
972	230.7	79.2	151.5	92.9	15.5	34.3	527.6	190.9	336.7	200.1	33.6	66 77
973	245.7	76.7	169.0	104,5	17.3	41.8	527.5	175.1	352.4	215.7	35.9	88
972 973 974	269.4	79.3	190.0	120.1	21.4	43.3	528.7	163.3	365.3	228.3	41.1	84
975	332.3	86.5	245.8	153.5	23.2	49.7	586.0	159.8	426.2	265.8	40.4	87
975 976, TQ <sup>4</sup> 977 977	371.8	89.6	282.2	180.1	26.7	59.0	609.8	153.6	456.2	291.7	43.0	96
976, TQ 4	96.0	22.3	73.7	45.4	6.9	15.9	152.4	37.1	115.3	71.2	10.8	25
977	409.2	97.2	312.0	196,3	29.9	68.3 77.8	622.6	154.3 155.0	468.3	295.5	44.6	103
978	458.7	104.5	354.2	211.0	35.4	77.8	652.2	155.0	497.1	296.8	49.4 54.7	109
	503.5	116.3	387.1	232.8	42.6	82.8	660.2	159.1	501.0	301.6	54.7	106
980	590.9	134.0	456.9	277.5	52.5	91.4	699.1	164.0	535.1	324.7	62.0	105
981	678.2	157.5	520.7	323.4	68.7	94.7	726.5	171.4	555.2	344.3	73.7	100
982 983	745.7	185.3	560.4	356.7	85.0	88.1	745.7	185.3	560.4	356.7	85.0	88
983	808.3	209.9	598.4	395.3	89.8	92.4	776.5	201.3	575.1	378.6	86.1	88
984	851.8	227.4	624.4	399.8	111.1	97.5	789.9	211.5	578.4	368.7	102.6	90
985	946.3	252.7	693.6	425.6	129.4	105.7	848.0	228.7	619.3	379.3	115.6	90
986	989.8	273.4	716.4	448.0	136.0	112.2	866.2	242.1	624.1	389.4	117.9	96
987, est	1015.6	282.2	733.3	465.3	137.5	109.7	862.3	242.6	619.7	392.2	115.6	91
PERCENT DISTRIBUTION			19	V	100							
965	100.0	42.8	57.2	28.0	7.3	9.2	100.0	45.9	54.1	23.5	64	9
970	100.0	41.8	58.2	33.1	7.4	12.3	100.0	44.3	55.7	29.9	6.4 6.8 6.7	12
971	100.0	37.5	62.5	38.3	7.1	13.3	100.0	39.8	60.2	35.5	6.7	13
972	100.0	34.3	65.7	40.3	6.7	14.9	100.0	36.2	63.8	37.9	6.4	14
971 972 973	100.0	34.3 31.2	68.8	42.5	7.1	17.0	100.0	33.2	66.8	40.9	6.8	16
974	100.0	29.5	70.5	44.6	8.0	16.1	100.0	30.9	69.1	43.2	7.8	16
975	100.0	26.0	74.0	46.2	7.0	14.9	100.0	27.3	72.7	45.4	6.9	14
976	100,0	24.1	75.9	48.4	7.2	15.9	100.0	25.2	74.8	47.8	7.1	15
976, TQ *	100.0	23.2	76.8	47.3	7.2	16.6	100.0	24.3	75.7	46.7	7.1	16
977	100.0	23.8	76.2	48.0	7.3	16.7	100.0	24.8	75.2	47.5	7.2	16
978	100.0	22.8	77.2	46.0	7.7	17.0	100.0	23.8	76.2	45.5	7.6	16
979	100.0	23.1	76.9	46.3	8.5	16.4	100.0	24.1	75.9	45.7	8.3 8.9	16
975. 976. TQ * 976. TQ * 977. 977. 978. 979.	100.0	22.7	77.3	47.0	8.9	15.5	100.0	23.5	76.5	46.4	8.9	15
981	100.0	23.2	76.8	47.7	10.1	13.9	100.0	23.6	76.4	47.4	10.1	13
982	100.0	24.8	75.1	47.8	11.4	11.8	100.0	24.8	75.1	47.8	11.4	11
983	100.0	25.9	74.0	48.8	11.4	11.4	100.0	25.9	74.1	48.8	11.1	11
984	100.0	26.7	73.3	46.9	13.0	11.4	100.0	26.8	73.2	46.7	13.0	11
985	100.0	26.7	73.3	45.0	13.7	11.2	100.0	27.0	73.0	44.7	13.6	- 11
986 987, est	100.0	27.6	72.4	39.7	13.7	11.4	100.0	27.9	72.1	45.0	13.6	11
AVERAGE ANNUAL PERCENT CHANGE	100.0	27.8	72.2	40.2	13.5	10.8	100.0	28.1	71.9	45.5	13.4	10
	40.0	10.	44.0		40.0	47.0						
965-1970	10.6	10.1	11.0	14.4	10.9	17.2	5.2	4.5	5.9	10.4	6.4	11
970-1971 971-1972	7.4 9.8	-3.5 .4	15.2 15.4	24.3 15.5	3.2 4.3	16.8	20	-10.2	8.1	18.9	-2.0	9
972-1973	6.5	-3.1	11.6	12.5	12.1	22.3	3.6	-5.8	9.8	10.6	-1.2 6.8	15
973-1974	9.6	3.5	12.4	14.9	23.6	21.7 3.6	-(z)	-6.7	3.7	7.8 5.8	14.5	-4
974-1975	23.4	9.0	29.4	27.8	8.4	14.8	10,8	-2.1	16.7	16.4	-1.7	3
975-1976	11.9	3.6	14.8	17.3	14.9	18,7	4.1	-3.9	7.0	9.7	1 7 3	10
976-1977	10.1	8.5	10.6	9.0	11.9	15.8	2.1	-3.9	2.7	1.3	6.4 3.7	7
977-1978	12.1	7.5	13.6	7.5	18.6	13.9	4.8	.5	6.1	4	10.8	6
978-1979	9.8	11.3	9.8	10.4	20.2	6.3	1.2	2.6	.8	1.6	10.7	-2
978-1979 979-1980 980-1981	17.4	11,3 15,2	18.0	19.2	23.2	10.4	5.9	3.1	6.8	7.7	13.3	-
980-1981	14.8	17.6	14.0	16.5	30.9	3.6	3.9	4.5	3.8	6.0	18.9	-4
981-1982	10.0	17.6	7.6	10.3	23.7	-6.9	2.6	8.1	.9	3.6	15.3	-12
982-1983	8.5	13.3	8.5	10.8	5.6	4.0	4.1	8.4	2.7	6.3	1.3	
983-1984	5.2	8.3	4.1	1.1	23.7	5.5	1.6	4.8	.5	-2.8	19.0	1
984-1985 985-1986	11.1	11.1	11.1	6.5	16.5	8.5	7.3	7.7	7.1	3.0	12.5	3
985-1986	4.6 2.6	8.2	3.3 2.4	5.3 3.9	5.1	6.1 -2.2	5	2.3	2	1.4	6.8	-5
					1.1			.2		.7	-2.0	

Represents zero.

Z Less than .05 percent. 

Includes other items not shown separately. 

Includes small grant-tems not shown separately. 

Includes small grant-tems not shown separately. 

Includes small grant-tems not shown separately. 

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Includ

#### O. 473. FEDERAL TRUST FUND RECEIPTS, OUTLAYS, AND BALANCES: 1970 TO 1987

# dollars. For flocal year ending in year shows; see text, section 9. Receipts based on collections received and Culting stated on a checks-sessed basis, less refunds collected. Balances: That portion of funds authorized for use not been spent. See text, section 10 for discussion of the budget concept and trust funds]

TYPE OF FUND	1970	1976	1980	1982	1982	1984	1980	1980	1967, eet.
olpts 1	59.4	118.6	213.0	268.4	317.4	338.1	303.9	407.2	429.2
funds	31.7	88.7	117.4	148.0	172.5	181.1	200.3	200.2	214.0
nce trust funds	11.9	16.9	35.7	55.2	63.1	68.3	75.5	81.4	90.4
byees retirement funds	4.7	11.5	24.5	32.0	34.9	36.8	40.9	43.3	45.4
nt insurance funds	4.1	8.2	16.2	20.5	31.6	29.9	26.6	26.1	25.
funde	5.5	6.8	7.6	7.8	9.4	12.9	14.3	14.7	14.
byees retirement funds	1.7	2.6	4.4	4.9	6.3	8.4	9.1	9.9	9.
ry sales trust funds	.8	4.4	7.7	11.8	13.2	11.2	9.8	10.7	8.1
rwey trust funds		1.1	2.3		2.7	3.0	3.6	3.6	3.
al fiscal assistance trust funds 2	_	6.2	1 6.5	4.6	4.6	4.6	4.8	42	04
neurance funds		وَ.	1.1	1.2	1.2	1.3	1.3	1.4	1
laye 1	45.1	111.2	205.1	202.2	2943	305.2	329.5	344.5	500.
funds	27.3	64.7	116.6	156.0	172.3	180.9	191.0	199.8	208.
nce trust funds	10.1	14.8	36.0	50.4	56.9	82.7	71.4	75.9	76.
yees retirement funds	2.8	7.1	14.9	19.7	21.0	22.1	23.3	24.3	26
t insurance funds	3.6	13.2	16.4	24.3	32.7	26.1	23.8	21.8	20.
funds	4.4	4.8	9.2	8.0	8.8	10.6	13.3	14.8	13.
ry sales trust funds	1.0	3.5	6.6	12.0	12.4	10.9	9.8	9.7	9.
byees retirement funds	1.8	3.5	4.7	5.4	6.8	5.7	7.9	6.1	8.
rway trust funds	1.6	.6	12	1.5	1.8	1.4	2.6	2.4	2.
neurance funds	.8	.a	1.0	1.0	1.0	1.0	1.0	1.1	1.
i facel assistance trust funds 4	.0	6.1	6.8	4.6	4.6	4.6	4.6	51	١.
	97.3	142.6	192.4	268.4	228.4	261.4	315.8	378.3	447
wees retirement funds	22.5	38.8	74.3	97.3	111.2	125.9	143.5	162.5	181.
lunde	32.6	48.2	32.3	19.3	32.0	32.2	39.8	45.9	65.
toe trust funds	7.8	11.3	19.0	26.7	20.4	26.0	32.0	46.1	80.
ent fund	(x)	(%)	00			20.0	11.4	23.7	37
it insurance trust fund	13.1	7.4	14.9	10.7	(X) 10.0	13.9	16.7	22.9	28
funds	5.5	6.9	15.5	19.7	21.1	22.3	25.3	26.1	22
funds	2.6	9.6	11.0	9.0	9.6	11.8	12.9	12.8	14.
neurance funds	7.1	7.7	8.5	8.8	9.1	9.4	9.7	10.0	10.
rwey trust fund	7.1	2.0	5.4	3.9	4.8	6.4	7.4	6.6	10.
cyees retirement accounts	4.8	4.3	2.7	1.3	5	3.1	4.2	6.0	6.
ry sales trust fund	5	2.1	5.2	4.6	5.3	5.6	5.5	6.5	6.
	.5	7.7	1.7	2.8	3.3	3.4	3.9	4.8	5.5
nds (nonrevolving) al fiscel assistance trust funds									
	-	1.7	1.8	1.3	1.2	1.2	1.2	.3	(Z

ints zero. NA Net available. X Not applicable. Z Less than \$50 million. <sup>1</sup> After deductions for accitons, proprietary receipts from public, receipts from off-budget Federal agencies, and receipts and outleys from out shown separately. <sup>2</sup> Old-age, survivors, and disability insurance. <sup>3</sup> Deposits for general revenue sharing.

#### ). 474. EXECUTIVE CONTROLLABILITY OF FEDERAL BUDGET OUTLAYS: 1970 TO 1987

I dollars, except percent. For flecal years ending in year shown; see text, section 9. Outlays considered relatively ble are those which can neither be increased nor decreased by Presidential decisions without a change in existing us or are beyond administrative control, such as benefit payments that beneficiaries are entitled to by law or agreement or other existing legally binding commitments. This table is based on a Presidential perspective)

OUTLAYS	1970	1975	1980	1982	1980	1984	1980	1980	1967, est.
xulleys	195.6	332.3	500.9	745.7	808.3	851.5	946.3	900.6	1,015.6
controllable outlayst of total outlays	<b>129.3</b> 61.5	222.2 88.9	413.8 70.0	841.4 72.6	<b>583.5</b> 73.4	<b>624.1</b> 73.3	600.4 72.9	745.4 75.3	771.0 75.9
d programs and fixed costs <sup>1</sup> s for individuals <sup>1</sup>	78.3 60.1 30.7	168.9 139.5 67.3	310.7 246.6 120.0	419.9 320.1 157.4	464.8 353.8 171.8	478.8 357.4 179.3	527.2 380.5 169.9	564.1 402.6 199.9	585.8 419.3 208.9
f care	9.4 8.7	20.6	47.2 34.7	65.6 44.4	73.5 47.3	79.9 49.0	91.0 49.8	97.8 52.9	101.6 55.8
and nutrition assistance assistance and related rame	(x) 6.4	1.6	3.5 17.5	3.0 19.5	3.3 20.9	3.6 21.0	3.7 22.2	3.8 24.5	4.2 25.8
loyment assistance	3.1 14.4	12.8 23.2	16.8 52.5	22.1 85.0	29.7 69.8	16.9 111.1	16.1 129.4	16.3 136.0	16.0 137.5
on supports *	41.9	53.3	103.2	11.7 121.5	18.9 128.7	7.3 145.3	17.7 162.2	25.8 181.3	25.3 185.2
Introllable outleys		113.3 64.2 49.1	97.4 81.3	128.2 78.6	226.0 141.4 84.5	243.0 147.8 95.2	284.1 160.5 123.6	272.7 165.4 107.3	275.6 188.1 107.7
employer share, employee	-8.4	-11.2	15.8	-19.6	-23.5	-25.3	-27.2	-28.3	-31.3

tilicable. I includes other outlays not shown separately. I includes items previously classified in the veterant ping. Prices from Commodity Credit Corporation. Excludes prior year contracts and obligations for items raded programs and fixed costs.

S. Office of Management and Budget, Special Analyses, Budget of the United States Government, annual.

<sup>3.</sup> Office of Management and Budget, Budget of the United States Government, 1986 Supplement.

### No. 475. Revenue Losses Estimates for Selected "Tax Expenditures" by Function: 1975 to 1987

[In millions of dollars. For years ending Sept. 39. Tax expenditures are defined as "revenue losses attributable to provisions of the Federal tax lews which allow a special exclusion, exemption, or deduction from gross income or which provide a special credit, a preferential rate of tax, or a deferral of liability." Represents tax expenditures of \$1 billion or more in 1987]

DESCRIPTION	1975	1980	1980	1980	1967
ational defense:					
Exclusion of benefits and allowances to Armed Forces personnel	650	1,470	1,955	2,095	2,0
ernetional affairs: Exclusion of income earned abroad by United States citizens	130	555	1,405	1.490	1.5
	130	355	1,400	1,480	1,0
neral science, space, and technology: Expensing of research and development expenditures	635	1,795	3,590	660	1.2
Expensing of research and development expenditures	(NA)	(NA)	1,065	680	1,8
tural resources and environment:					
exclusion of interest on State and local IDB's for pollution control and sewage and waste disposal facilities	110	635	1.250	1,660	1,7
mmerce and housing credit:			,,	,,,,,,	
exclusion of interest on small issue industrial development bonds	175	430	475	2,775	2,8
refusion of interest on life insurance seulone	1,545	3,490 4,745	2,175	6,990 17,945	6,1 12,0
Deductibility of mortgage interest on owner-occupied homes	1,185 5,405	15,615	15,530 24,785	30,435	24.5
Deductibility of property tax on owner-occupied homes	4,510	7,310	9,315	8,560	8.0
Seductibility of interest on consumer credit Seductibility of mortgage interest on owner-occupied homes. Seductibility of property tax on owner-occupied homes. Seduction of interest on State and local housing bonds for owner-occupied houses.		44-		0.050	
reclusion of interest on State and local debt for rental housing	(NA) (NA)	447 (NA)	1,660 755	2,060 1,240	2,0 1,1
apital gains (other than agriculture, timber, Iron ore and coal)	5,785	(NA) 16,130	27,425	31,010	23,4
apital gains (other than agriculture, timber, iron ore and coal)	805	1,010	1,775	1,985	2,2
	40	535	830	925	1,0
erryover basis of capital gains at death	(NA)	4,750	4,365	4.940	ŝŝ
erryover basis of capital gains at death westment credit, other than ESOP's, rehabilitation of structures, energy property, and reforestation expenditures coelerated depreciation on rental housing	, , ,		-		
energy property, and reforestation expenditures	5,810 520	18,250 385	24,445 800	20,065 2,710	14,1
CONTRACTOR OF CHARGE TO A DESCRIPTION OF CONTRACTOR OF CHARGE CONTRACTOR CONT	440	355	8,010	5.040	5.1
coelerated depreciation of machinery and equipment	(NA)	(NA)	20,145	39,010	321
lefe herbor leasing rules	(NA)	(NA) 7,210	2,340 5,015	1,700 4,655	1,0
• • • • • • • • • • • • • • • • • • • •	(1444)	7,210	5,015	4,000	44
ucation, training, employment, and social services: Parental personal exemption for students age 19 or over	670	1,030	1,110	1,220	2,0
Deductibility of charitable contributions (education)	645 295	1.090	1,345	1.640	12
redit for child and dependent care expenses  Deduction for two-serner married couples		885	1,345 2,700	1,640 3,170	3,4
Deduction for two-earner married couples	(NA)	(NA)	6,725	6,530	4,8
heelth	4,770	6,270	10,175	12,620	9,6
elth:					
exclusion of employer contributions for medical insurance premi-					
ums and medical care Deductibility of medical expenses	3,275 2,315	12,075 3,150	21,096 3,620	23,435 3,755	23,3 3,1
COLUMN OF INTEREST ON SOUTH MAD LOCK ORDS FOR DAVING ACADOMICS	2,315	· 1		3,755	3,
health facilities	(NA)	425	1,405	2,235	2,4
Deductibility of charitable contributions (health)	(NA)	1,370	1,615	2,000	1,8
olal Security and medicare: Exclusion of Social Security benefits:				ł	
Disability insurance benefits	275	690	1,170	1,195	1,1
OASI benefits for retired workers	2,740	6,890	12,955	13.275	12,1
Benefits for dependents and survivors	450	1,015	3,755	3,906	3,1
ome security:	]		ļ		
Exclusion of workmen's compensation benefits	505	2,200	2,225	2,425	2,
Employer plane	5,225	19,785	48,525	46,960	45.7
Employer plans Individual Retirement Accounts Keerthe	(NA) 390	(NA) 1,925	12.695	14,890	13.0
Keoghe	390	1,925	1,960	2,136	2,0
Premiums on group term life insurance	(NA)	(NA)	2.066	2,200	2.1
Additional exemption for elderly	740	1,875	3,006	2,750	1,1
terans benefits and services:					
Exclusion of veterans disability compensation	540	1,065	1,895	1,700	1,4
neral purpose flecal assistance: Exclusion of interest on public purpose State and local debt Deductibility of nonbusiness State and local taxes other than on					
Excusion or interest on public purpose State and local debt	3,805	4,925	8,060	9,590	10,1
owner-occupied homes	6,490	14,660	21,455	23,985	18,6
owner-occupied homes.  Tex credit for corporations receiving income from doing business in					
United States possessions	(NA)	905	1,660	1,895	1,0

NA Net available

Source: U.S. Office of Management and Budget, Special Analyses, Budget of the United States Government, annual.

#### No. 476. FEDERAL BUDGET OUTLAYS, BY AGENCY: 1970 TO 1987 [In billions of dollars. For flocal year ending in year shown; see text, section 9]

DEPARTMENT OR OTHER UNIT	1970	1975	1980	1981	1982	1983	1984	1985	1986	1967, est.
Total	195.6	332.3	590.9	678.2	745.7	808.3	851.8	946.3	989.8	1,015.6
egislative branch The Judiciary Executive Office of the President  Funds appropriated to President  Funds appropriated to President  Funds appropriated to President  Funds appropriated to President  Funds appropriated to President  Funds appropriated to President  Funds appropriated to President  Funds Appropriated to President  Funds	(z)	.7 .3 .1 3.9	1.2 .6 .1 9.1	1.2 .6 .1 8.6	1.4 .7 .1 8.1	1.4 .8 .1 8.1	1.6 .9 .1	1.6 1.0 .1 12.1	1.7 1.1 .1 11.4	2.1 1.2 .1 11.8
Departments: Agriculture: Commerce: Defense:	8	15.6 1.1 94.1	34.8 3.1 146.1	41.6 2.3 170.7	45.7 2.1 198.7	52.4 1.9 223.3	42.0 1.9 240.4	55.5 2.1 264.1	58.7 2.1 285.9	55.1 2.4 295.1
Education Energy Health and Human Services	2.4	7.6 3.2 104.2	14.8 6.5 194.2	17.1 11.7 228.7	14.8 11.6 253.1	14.6 10.6 276.7	15.5 11.0 292.2	16.7 10.6 315.5	17.7 11.0 333.9	16.8 10.6 348.1
Housing and Urban Development Interior Justice	1.1	7.5 2.2 2.1	12.7 4.5 2.6	14.9 4.5 2.7	15.2 3.9 2.6	15.8 4.6 2.8	16.7 4.9 3.2	28.7 4.8 3.6	14.1 4.8 3.8	14.6 5.2 4.8
Labor <sup>a</sup>	6.7	17.7 .8 10.1 41.3	29.7 1.9 19.8 76.5	30.1 1.9 22.8 92.6	30.7 2.2 20.0 110.3	38.1 2.3 20.6 116.4	24.5 2.4 23.0 141.0	23.9 2.6 25.0 164.9	24.1 2.9 27.4 179.2	24.5 3.3 26.2 180.2
ndependent agencies: Environmental Protection Agency General Services Administration National Aeronautics and Space Administration Office of Personnel Management Small Business Administration. Veteraris Administration. Other independent agencies	3.8 2.7 3.8 2.7	2.5 6 3.3 7.1 .7 16.6 11.8	5.6 .2 5.0 15.1 2.0 21.1 15.5	5.2 .1 5.5 18.1 2.0 22.9 14.1	5,1 6,2 20,0 8 23,9 10,5	4.3 .1 6.9 21.3 .7 24.8 11.0	4.1 .2 7.1 22.6 .5 25.6 11.7	4.5 2 7.3 23.7 7 26.3 9.8	4.9 2 7.4 24.0 6 26.5 11.4	4.6 1 7.9 27.7 .1 26.8 17.9
Indistributed offsetting receipts	-12.6	-21.3	-32.0	-41.9	-42.2	-51.1	-52.3	-58.7	-65.0	-71.8

Z. Less than \$50 million. I Represents funds used to finance the operations of the various units within the office of the saident. Represents intermetional affairs funds mainly; funds are administered by the State Department, U.S. Agency for immedional Devolopment, and Department of Defense under the direction of the President. Includes Pension Benefit searchy Corporation.

Source: U.S. Office of Management and Budget, Historical Tables, Budget of the United States Government, 1988.

#### No. 477. PUBLIC DEBT AND INTEREST PAID OF THE FEDERAL GOVERNMENT: 1940 TO 1986

\* Boost years ending in year shows; see text, section 9. Total *public debt* is restricted to borrowing by the Tressury and the slue of savings bonds at current redemption value. See table 470 for "gross Federal debt." For explanation of average annual recent change, see Guide to Tabular Presentation. Minus sign (—) indicates decrease. See also *Historical Statistics, Colonial* test to 1970, series Y 461, 463, and 494)

		PUBLIC DEB	т	NTER	EST PAID			PUBLIC DEB	т	NITER	EST PAID
YEAR	Total <sup>1</sup> (bil. dol.)	Average annual percent change <sup>2</sup>	Per cap- ita <sup>3</sup> (dol.)	Total (bil. dol.)	Percent of Federal outlays 4	YEAR	Total <sup>1</sup> (bil. dol.)	Average annual percent change <sup>2</sup>	Per cap- ita <sup>2</sup> (dol.)	Total (bil. dol.)	Percent of Federal outleys *
1940	43.0 258.7 258.1 272.8 284.1 313.8	8.4 43.0 1 1.3 .9 2.0	325 1,849 1,668 1,651 1,572 1,613	1.0 3.8 5.7 6.4 9.2 11.3	10.5 4.1 13.4 9.4 10.0 9.6	1976 1977 1978 1979 1980	698.8 771.5	16.4 10.1 10.4 7.1 9.8 9.9	2,852 3,170 3,463 3,669 3,965 4,338	37.1 41.9 48.7 59.8 74.9 96.6	10.0 10.2 10.6 11.9 12.7 14.1
1870	370.1 397.3 428.4 457.3 474.2 533.2	3.3 7.4 7.3 7.2 3.7 12.4	1,814 1,921 2,037 2,164 2,223 2,475	19.3 21.0 21.6 24.2 29.3 32.7	9.9 10.0 9.4 9.8 10.9 9.8	1982 1983 1984 1985	1,377.2 1,572.3 1,823.1	14.4 20.6 14.2 16.0 16.6	4,913 5,870 6,640 7,616 8,793	117.4 128.8 153.8 178.9 187.1	15.7 15.9 16.1 16.9 16.9

<sup>&</sup>lt;sup>8</sup> Adjusted to exclude nonmarketable issues to the International Monetary Fund and other international institutions for 1950, 1995, 1995, and 1970–1974. <sup>8</sup> From preceding year shown; for 1940, change from 1985. <sup>8</sup> 1940–1976, based on settmeted laft 1 population; thereafter, based on October 1 resident population; prior to 1980, excludes Aleska and Heweii. <sup>8</sup> Calculated on total expenditures not reduced by internal transactions representing interest and certain other payments to freezeway through 1960. Beginning 1965, total budget outleys. See table 470.

Source: U.S. Dept. of the Treesury, Statistical Appendix to the Annual Report of the Secretary of the Treesury on the State of the Immose through fiscal 1980, thereafter, Monthly Statement of the Public Debt of the United States, and Final Monthly Treesury Intermet of Receipts and Outleys of the U.S. Government.

#### NO. 478. INTEREST-BEARING PUBLIC DEBT OF THE FEDERAL GOVERNMENT: 1970 TO 1986

[In billions of dollars. As of and of flocal year; see text, section 9. See also Historical Statistics, Colonial Times to 1970, series Y 497 and Y 500-504]

			MARKE	TABLE		NONMARKETABLE				
YEAR	Total	Total	Bills	Notes	Trees- ury bonds <sup>1</sup>	Total	U.S. savings bonds	Other <sup>a</sup>	Govt. account series *	
1970	399.0 532.1 767.0 819.0 906.4 906.5 1,140.9 1,375.8 1,559.6 1,821.0 2,122.7	232.6 315.6 485.2 508.7 594.5 683.2 824.4 1,024,0 1,178.6 1,380.2	76.2 126.6 180.9 161.4 199.8 223.4 277.9 340.7 366.8 364.2 410.7	93.5 150.2 267.9 274.2 310.9 363.6 442.9 557.5 681.7 776.4 896.9	63.0 38.6 56.4 71.1 83.6 96.2 103.6 125.7 158.1 199.5 241.7	138.4 216.5 281.8 312.3 311.9 313.3 316.5 361.8 363.0 460.6 558.4	51.2 65.4 79.8 60.4 72.7 69.0 67.3 70.0 72.8 77.0 95.6	8.8 28.9 48.7 55.5 49.3 44.2 38.7 47.0 80.6 69.9 108.9	76.3 194.2 153.3 176.4 199.8 201.1 210.5 234.7 259.5 313.9 365.9	
1970	100.0 100.0 100.0 100.0	63.0 65.6 74.7 473.7	20.7 22.0 21.1 19.3	25.3 34.3 42.6 42.3	17.1 9.2 11.0 11.4	37.0 34.4 25.3 28.3	13.9 6.0 4.2 4.0	2.4 5.4 3.8 5.0	20.7 20.9 17.2 17.2	

<sup>&</sup>lt;sup>1</sup> Bank eligible bonds. <sup>3</sup> Comprises Tressury bonds, investment series (all years); Tressury bonds (various); certificates and notes; depositary bonds; U.S. retrement plan bonds; and U.S. savings notes, beginning 1970. <sup>3</sup> 1970 known as U.S. Tressury special issues. <sup>4</sup> Includes Federal Financing Bank, not shown separately.

Source: U.S. Dept. of the Treesury, Treesury Bulletin, quarterly.

#### No. 479. Federal Securities—Distribution by Class of Investor: 1970 to 1986

[In billions of dollars. As of and of flecal year; see text, section 9. The Export-Import Bank was moved within the budget effective October 1, 1975. Adjustments are made to include totals for the period it was outside the budget (1970–75). Also adjustments are made to reflect oursin Export-Import Bank borrowing now classified as agency debt.

	Federal	INTERE	ST-SEARS SECUR	G PUBLIC FTIES	DEBT		Federal	INTEREST-SEARING PUBLIC DEST					
YEAR	securi- ties out- standing, total <sup>1</sup>	Total out- standing	Held by U.S. Govt. ac- counts	Held by Federal Re- serve banks <sup>2</sup>	Held by pri- vate inves- tors	YEAR	securi- ties out- standing, total <sup>1</sup>	Total out- standing	Held by U.S. Govt. ac- counts	Held by Federal Re- serve benks <sup>2</sup>	祖子は明常日		
1970	437 468 468 544 632 709	369 425 458 473 532 619 896 767	95 111 123 136 145 150 155	58 71 75 60 65 94 * 105	216 243 258 256 302 375 437 464	1979	914 1,004 1,147 1,382 1,577 1,827	819 906 896 1,141 1,378 1,580 1,821 2,123	168 198 208 216 239 263 317 363	115 121 124 134 155 155 170	516 500 604 700 901 1,141 1,236 1,540		

<sup>&</sup>lt;sup>1</sup> Includes agency securities and matured public debt not shown separately.
<sup>2</sup> Includes a nonmarketable Federal Reserve special certificate for \$2,500.

Source: U.S. Dept. of the Treesury, Treesury Bulletin, quarterly.

#### No. 480. Interest-Bearing Government Securities Outstanding: 1970 to 1986

[In billions of dollars, except percent. As of and of fiscal year; see text, section 9. Par values, except U.S. savings bonds series, E, F, J, and U.S. savings notes, which are included at current redemption values]

TYPE OF SECURITY	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Total	521	756	959	1,049	1,128	1,247	1,363	1,540	1,823	2,052	2,375	2,803
Tax exempt 1 Percent of total	139 26.7	213 28.2	251 26.2	273 26.0	302 26.8	334 26.8	360 26.4	394 25.6	442	488 23.8	550 23.2	676
Taxable *	306 76	419 124	568 140	623	650 176	723 190	802 201	936 210	1,146	1,304	1,511	1,761
By issuer:	0.00	76.1	100	1	100	100	1	12.3	777	1000	1	100
U.S. Treasury	369 13 139	532 11 213	698 .10 251	767 9 273	819 7 302	906 7 334	996 6 360	1,141 5 394	1,376 5 442	1,560 4 488	1,821 4 550	2,123 4 676

Source: Board of Governors, Federal Reserve System, unpublished data.
 \*\* interest is subject to both normal and surfar rates of Federal Income tax.
 \*\* Prior to July 1, 1974, known as U.S. Treasy special issues.
 \*\* Excludes securities issued by Federal Inno Inno Ionn benths. Federal Inno Ionn Inno Ionn Ionn Inno Ionn I

<sup>&</sup>lt;sup>2</sup> Public issues.

Source: Except as noted, U.S. Dept. of the Treasury, through 1980, Statistical Appendix to the Annual Report of the Secretary of the Treasury on the State of the Finance; thereafter, Treasury Bulletin, quarterly.

#### NO. 481. FEDERAL PARTICIPATION IN DOMESTIC CREDIT MARKETS: 1978 TO 1986

one of dellars, except percent. See headnote, table 482. Federal credit programs are primarily in three forms: direct loans the Federal government, Federal guarantees of private lending, and lending by privately owned Government-sponsored prises. Nonlinencial sectors]

TYPE OF PARTICIPATION	1976	1970	1980	1961	1962	1906	1984	1906	1980
unde loaned in U.S. credit markets,									
shading equities 1ral and federally assisted lending	379.0 56.4	418.7 72.9	352.9 79.9	410.1 86.5	332.3 87.6	511.3 88.5	703.4 79.5	765.0 110.3	338.1 129.1
ederal participation rate (percent)	15.4	17.4	22.6	21.1	22.3	18.9	11.3	14.4	14.5
act loans	19.8	19.6	24.2	26.1	23.4	15.3	6.3	26.0	11.2
aranteed loans	13.4	25.2	31.6	26.0	20.9	34.1	20.1	21.6	34.6
vernment-sponeored enterprise loans	25.2	26.1	24.1	32.4	43.3	37.1	53.1	80.7	83.3
unde borrowed in U.S. credit merkets 1	379.0	418.7	352.9	410.1	332.3	511.3	703.4	765.0	336.1
rel and federally assisted borrowing	93.9	80.7	123.5	142.1	199.7	261.0	246.4	276.8	378.0
ederal participation rate (percent)	24.8	19.3	36.0	34.7	50.9	55.0	35.0	36.2	42.5
seral borrowing from public	59.1	33.6	70.5	79.3	135.0	212.3	170.8	197.3	236.3
rowing for guaranteed loans	13.4	25.2	31.6	26.0	20.9	34.1	20.1	21.6	34.6
vernment-eponeored enterprise borrowing	21.4	21.9	21.4	34.6	43.8	34.6	55.5	57.9	107.1

ds loaned to and borrowed by nonfinancial sectors, excluding equities.

xx: U.S. Office of Management and Budget, Special Analyses, Budget of the United States Government, annual.

#### No. 482. FEDERAL DIRECT AND GUARANTEED LOANS: 1970 TO 1987

uses of dollars. As of and of fiscal year; see text, section 9. Government guaranteed loans (loans for which the rement guarantees payment of principal or interest in whole or part) are not included in Federal budget outlays. They itsute contingent fiabilities not resulting in outlays, except in event of default. Government direct loans are made by both onter and off-budget Federal agencies. See headnote, table 481]

	Def	ECT LOA	M8 <sup>1</sup>	GUAR	ANTEED I	OANS 3
YEAR	Gross (new) loans dis- bursed	Net loan out- lays	Direct loans out- standing	Pri- mary <sup>a</sup>	Net loans	Gueran- teed loans out- standing
	28.8 35.4 48.6	3.0 12.8 11.5 19.8 19.6	51.1 74.1 100.7 120.5 140.5	27.5 31.2 43.9 46.5 60.5	8.4 8.7 14.0 13.9 26.1	125.1 198.3 224.0 237.9 264.6
	55.9 37.1 43.8 41.4	24.2 26.1 23.5 15.3 6.3	163.9 185.0 207.8 223.0 229.3	66.2 66.2 59.6 78.0 73.3	32.4 28.0 20.9 34.1 20.1	298.5 399.1 331.2 363.8 366.7
<b>4</b>	42.2	28.0 11.2 -15.2	257.4 251.6 236.4	55.5 69.6 124.8	21.6 34.6 76.4	410.4 449.8 526.2

udes loans from "off-budget" Government accounts.

\* Includes capital subscriptions to international financial institutions. Id double counting, secondary guaranteed loans and guaranteed loans held as direct loans are excluded.

\* Gross loan sees minus both secondary guaranteed loans, and guaranteed loans held as direct loans by the Government—by either on-udget accounts.

se: U.S. Office of Management and Budget, Special Analyses, Budget of the United States Government, annual.

#### No. 483, U.S. SAVINGS BONDS: 1970 TO 1986

liens of dollars, except percent. As of end of flexal year; see text, section 9. See *Historical Statistics, Colonial Times to* 1970, series Y 500, for similar but not exactly comparable data]

ITEM	1970	1975	1975	1975	1980	1991	1962	1983	1984	1980	1980
le outstanding, total <sup>1</sup>	4.7 1.0 6.3	66.5 6.8 3.3 6.5 10.0	79.8 8.0 4.1 7.7 9.7	80.5 7.3 4.3 11.0 13.6	72.7 4.8 4.2 16.7 23.0	68.0 3.4 4.2 12.3 18.0	67.5 3.1 4.9 8.7 12.9	70.3 4.0 5.0 6.1 8.7	73.1 3.9 5.3 6.1 8.3	77.3 5.0 5.2 5.7 7.4	85.8 8.3 5.6 5.1 6.0

seat-bearing debt only for amounts and of period or end of year. bs: U.S. Dept. of the Tressury, *Tressury Bulletin*, quarterly.

<sup>\*</sup> Matured end unmatured bonds.

No. 484. Consolidated Statement of Financial Position of the United States Governme 1980 to 1986

[In billions of dollars. As of September 30]

ITEM	1906	1981	1962	1962	1994	1980	Ľ
BALANCE SHEET							ŀ
Accets, total 1	590.0	006.5	765.0	863.1	967.3	940.4	1
esh and monetary reserves	54.4	59.9	71.2	79.7	72.8	64.6	
Operating cash in the Treasury	21.0	18.7	29.1	37.1	30.4	17.1	ı
International monetary reservés	16.6 16.6	19.7 21.5	22.4 19.7	28.1 18.5	28.3 14.1	29.6 17.9	
leceivables (net allowances)	146.5	150.2	169.2	182.7	191.3	214.8	l
lecelvables (net allowences)	95.9	103.1	113.0	114.5	114.9	139.6	1
Accounts receivable	40.0	41.0	51.2	80.4	86.2	66.2	1
Advances and prepayments	10.6	8.1	5.0	7.8	10.2	7.0	
rventories (at cost) 1	88.1	113.7	124.5	143.5	151.4	200.5	1
Operating consumables	47.9	65.6	80.0	67.1	81.1	96.4	ı
Product or service component	14.5 25.7	19.1 29.0	15.6 48.9	15.5 60.9	16.5 53.8	17.5 64.6	l
Property and equipment (at cost)	411.7	458.6	520.3	568.3	611.6	658.3	
Military hardware	169.5	208.4	244.8	292.0	330.2	352.4	ı
Military hardware	122.0	130.0	140.5	141.9	139.2	156.7	1
Equipment	57.3	81.2	84.3	82.0	88.6	93.7	ı
Construction in progress	28.3	32.4	35.7	37.3	37.5	36.2	1
Lend	12.1	12.5	10.9	10.5	10.3	13.5	Į.
Other	2.5	3.1	4.1	4.6	5.6	3.8	
ccumulated depreciation	204.0	231.3	257.0	280.4	298.5	314.4	l
Deferred charges and other assets	32.5	49.8	68.7	86.1	99.6	130.7	ĺ
Liabilities, total	900.6 2,205.5	998.5 2.474.6	765.0 1 2.745.9	983.1 1 2,967.5	987.3 1 3.181.8	948.4 3.250.8	١,
Social security	1,241.7	1,430.0	1,616.7	1,776.4	1,911.8	2.069.8	L
Civilian employees	430.3	464.4	491.9	514.6	537.0	563.0	1
Military personnel	348.9	377.8	416.5	444.3	422.3	440.8	ı
Veterans compensation	174.6	192.7	200.0	223.0	221.8	164.5	ı
Veterans compensation	10.0	9.9	10.0	10.8	11.3	11.9	l
corrowing from the public	709.9	784.4	916.8	1,130.4	1,299.5	1,498.8	l
ccounts payable	81.6	97.8	106.7	143.5	161.5	106.3	ı
Incorned revenue	17.5	22.8	26.1	26.5	31.8	41.4	ı
and insurance programs	8.7	7.6	3.1	2.4	3.5	8.3	1
Other Rebillion	59.7	59.5	64.0	56.7	58.5	103.8	ı
Accumulated poetion and of period	(NA)	(NA)	(NA)	(NA)	1,827.3	2,075.8	ı
Accumulated position beginning of period	(NA)	(NA)	l (na)	(NA)	1,867.5	1,827.9	L
Current period results	142.4	76.3	127.4	233.6	140.3	247.9	ı
Current noncesh provision for social security	179.6	188.4	188.6	161.7	133.3	148.0	ı
INCOME STATEMENT							١
Revenues, total 1evied under the Government's sovereign power 1	987.8 521.7	883.7 500.8	772.8 632.1	700.4 600.7	830.5 671.4	887.8 736.8	1
Individual income taxes	521./ 244.1	285.6	632.1 296.1	288.9	296.0	334.6	1
Social insurance taxes and contributions	160.7	183.0	201.1	209.0	241.9	265.2	1
Corporate income taxes	63.9	56.7	53.2	39.1	62.3	70.7	ı
Expenses by object	730.0	772.0	900.2	994.0	1,030.6	1,146.5	-
endor services and supplies	111.9	131.8	210.5	211.3	191.8	(MA)	1
fendor services and supplies Prants, subsidies, and contributions. Elearies and employee benefits. Pensions, health and life insurance.	116.7	124.4	183.7	245.2	185.6	( Oray	1
Pensions health and Ma incurrence	96.4	106.6	132.3	91.0	95.4	ا سرم	ı
and the insurance and indemnities	186.8 152.7	128.3 175.2	127.6 122.5	133.0 181.7	115.1 274.9		1
						المحاب	
nterest	50.9	78.4	97.7	106.4	129.0	1 (144.)	

NA Not available. I includes other items not shown separately.

Source: U.S. Dept. of the Treasury, Consolidated Financial Statements of the United States Government, annual.

#### NO. 486. FEDERAL FUNDS—SUMMARY DISTRIBUTION, BY STATE AND OUTLYING AREAS: 1986

n millions of delians, except as indicated. For year ending Sept. 30. Data for grants, salaries and wages, and direct payments to individuals are on an expenditure basis; procurement is on obligation basis. Minus sign. (-) indicates decrease. For composition of regions, see fig. 1, inside front cover)

	FE	DERAL FUN	DS			Direct			
REGION, DIVISION, AND STATE	Total 1	Per- cent change 1985- 1986	Per capita s (dol.)	Defense	Non- defense	pay- ments to individ- uals	Procure- ment	Grants to State and local gov'ts.	Salaries and wages
U.S. Total	830,259 802,969	5.3 5.4	3,392 3,331	229,870 214,825	600,389 588,142	364,690 360,945	205,671 186,805	112,596 108,951	120,62
Region:					Marian Control	1000			
Region: Northeast	169,004	4.1	3,379	40,937	128,066	81,527	38,455	28,015	16,82
Midwest	173,156	6.9	2,919 3,395	32,854 79,529	140,302	86,816 125,125	31,497 61,069	26,122 33,135	18,34 55,00
West	179,069	5.1	3,673	61,505	117,563	67,477	55,784	21,679	29,46
New England	49,801	3.1	3,910	18,428	31,373	19,987	17,071	6,563	4,68
Maine New Hampshire	3,742 2,973	-6.3	3,187	918	2,824	1,924	645	672	45
Vermont	1,435	-5.1 -1.3	2,895 2,652	945 188	2,028 1,247	1,447 754	518 151	404 334	55 15
Massachusetts	1,435 24,937	7.6	4,276	9,637	15,300	9,521	9,461	3,082	2,07
Rhode Island	3,223	4.2	3,306 4,230	745 5,995	2,478 7,496	1,698 4,643	5,848	1,501	1,00
Middle Atlantic	119,203	4.5	3,197	22,509	96,693	61,540	21,384		12,14
New York	59,448 22,302	4.7	3,345 2,927	11,279	48,169	28,554 11,769	11.679	21,452 12,380	5,21 2,73
New Jersey	22,302	1.3	2,927	4,718	17,583	11,769	4,124	3.354	
Pennsylvania	1000	6.3	3,150	6,512	30,941	21,217	5,581	5,718	4,18
Chio	112,246	10.9	2,689 2,960	18,252 6,929	93,994 24,894	<b>60,583</b> 15,880	18,168	18,437 4,764	11,52 3,17
Indiana	14,686	2.2	2,668	3,313	11,373	7,732	7,452 2,997	2,000	1,44
Illinois	30,149 23,402	6.1 5.3	2,610 2,559	3,509	26,640 20,232	16,751 13,491	3,014	5,010 4,353	1,95
Wisconsin	12,186	6.4	2,547	3,170 1,331	10,855	6,729	1,604	2,310	94
West North Central	60,910	1.2		14,602	46,308	26,233	13,329	7,685	6,82
Minnesota	12,431	5.7	3,465 2,950	2,595 751	9,836	5,470	2,674	2,110	1,01
Missouri	8,345 20,894	9.2 -6.8	2,927 4,124	6,801	7,595 14,092	4,406 8,134	822 6,633	1,158	2,34
North Dakota	2,818	4.7	4,150	516	2,302	967	314	433	44
South Dakota Nebraska	2,454	6.1	3,466	328	2,126	1,066	213	457	38
Kansas	5,211 8,757	10.0	3,261 3,558	767 2.844	4,444 5,913	2,421 3,769	507 2,166	661 884	1,26
South Atlantic	155,089	4.9		46,474	108,617	67.025	31,870	16,333	35,93
Delaware	1,786	3.6	3,790 2,821	428	1,358	927	260	314	25
Maryland District of Columbia	21,686	6.0	4,859 23,061	7,094 1,732	14,592 12,705	7,326	6,776 2,759	1,959	4,98
Virninia	28.039	3.9	4,845	13,580	14,459	1,499 9,371	7,260	1,995	7,45 8,70
West Virginia	5,409 15,746	7.8	2,819	264	5,146	3,461	321	1,063	48
North Carolina	9,944	1.4	2,487 2,944	3,836 2,736	11,910 7,208	8,421 4,552	1,530	2,281 1,322	3,16
GeorgiaFlorida	18,506	5.5	3,032	6,438 10,366	12,068	7,799	3,957	2,732	3,72
	39,537	5.8	3,386	1 1 1 1 1 1 1 1 1 1	29,171	23,669	7,223	3,244	4,98
East South Central Kentucky	50,005 12,516	14.8 28.7	3,288 3,357	9,730 1,786	<b>40,275</b> 10,730	22,909 5,576	11,951 3,300	7,015 1,784	1,70
Tennessee	15,917	17.4	3,314	1.937	13.980	6,968	4,550	2,128	2,03
Alabama	13,097	5.0 8.6	3,232	3,408 2,599	9,689	6,437 3,928	2,266 1,835	1,759	2,42
West South Central	76.644	6.3	2,853	23,325	5,876 53,319		17,248	9,787	1,14
Arkansas	7,179	4.4	3,026	1.474	5,705	35,191 3,960	1,021	1,123	11,75
Louisiana	12,372	2.7	2,749	1,474 2,547	9,825	5,856	2,562	2,039	1,47
Oklahoma Texas	9,750	7.0	2,950 2,838	2,400 16,904	7,351 30,438	4,902 20,473	973 12,692	1,400 5,225	1,99 7,52
Mountain	46,564	11.8	3,576	11,633	34,729	17,520	13.824	6,006	7,70
Montana	2,821	1.7	3,444	238	2,583	1,231	158	592	413
Idaho	1,523	4.7 -1.8	2,996 3,003	306 236	2,698 1,286	1,331 560	642 182	435	41: 26
Wyoming	11.496	17.4	3,519	3.528	7.968	4.068	3,555	1,220	2.29
New Mexico	7,092	7.9	4,795	1,400	5,692	2,029	2,984	857	1,10
Arizona	11,403	13.6	3,438	3,888 1,685	7,514 3,816	5,166 1,757	3,253 1,624	1,206	1,56
Nevada	3,723	20.7	3,866	552	3,172	1,378	1,426	418	47
Pacific	132,505	2.9	3,708	49,672	82,834	49,957	41,960	15,673	21,76
Washington	16,874	1.2	3,781	5,006	11,868	6,736	4,761	1,905	2,94
Oregon	7,409	2.9 3.1	2,746 3,738	40,304	6,720	4,356 36,960	593 35,228	1,340	15,05
Alaska	2.719	7.4	5,091	1,187	1,532	388	759	664	88
Hawaii	4,643	1.7	4,372	2,486	2,158	1,517	619	473	1,96
American Samoa	64	4.9	1,788 5,005	425	61 195	10 66	62	127	36
Northern Marianas	. 56	-13.9	2,964		56	5	2	49	
Puerto Rico	6,022	3.1	1,835	655	5,367	2,676	549	2,296	44
Pacific Islands, Trust Terr Virgin Islands Undistributed	137	-2.1 -24.8	1,106 4,031	185	132	5 96	171	124	3
Undistributed	19,943	2.2	(x)	13,770	6,173	887	18,072	859	12

Represents zero. X Not applicable.
 Includes other programs not shown separately.
 Resident population, provisional estimate as of July 1, 1986.

No. 486. TAX RETURNS FILED—EXAMINATION COVERAGE: 1970 TO 1986
[In thousands, except as indicated]

			RETU	RNS EXAM	MED			AGE TAX	
	Returns		Per-		By-			y per ni (dollars)	ETURN
YEAR AND ITEM	filed 1	Total	cent of re- turns filed	Reve- nue agents	Tax audi- tors	Serv- ice cen- tors	Reve- nue agents	Tax audi- tors	Sen ice cen ten
INDIVIDUAL RETURNS									
970	76,431.0	1,672.0	2.2	(NA)	(NA)	_	(NA)	040	i
1975	81.272.0	1,836.6	2.3	355.2	1,483.4	-	(NA) 2,609	219	
880		1,633.9	2.0	292.5	1,346.3	195.1	1,335	602	2
961	93,052.0	1,644.1	1.8	269.5	1,193.1	161.5	6,374	579	2
982		1,455.3	1.6	265.5	1,066.6	103.2	7,506	751	3
983	95,419.0	1,427.7	1.5	277.9	1,001.9	147.9	10,248	900	ã
984	95,541.3	1,215.9	1.3	276.2	859.4	60.4	11,564	1,314	
985	96,496.9	1,265.6	1.3	332.6	810.9	122.1	10,854	1,539	4
1596, total	90,529.0	1,030.6	1.1	200.9	732.5	50.6	14,062	1,945	
040A, total income under \$10,000	20,353.2	60.1	.3	9.3	47.8	3.0	13,933	1,195	1,5
Under \$10,000	9,805.4	37.0	.4	8.3	28.5	4.2	5,523	980	1,3
\$10,000-\$24,989, simple	20,903.4	101.2	.5	12.3	85.3	3.6	3,611	916	5
\$10,000-\$24,989, complex	10,089.7	126.8	1.3	22.4	91.6	12.8	4,032	863	1 4
\$25,000-\$49,989	23,810.5	390.0	1.6	58.7	308.1	23.2	4,643	1,097	
\$50,000 and over	8,507.1	238.8	2.8	117.4	112.8	8.6	20,316	5,760	1,4
ichedule C-TGR: * Under \$25,000	1.668.3	24.9	1.3	9.0	15.3	.7	4.946	1.460	۰
\$25,000-\$99,999	2.023.6	45.4	2.2	20.9	23.1	1.5	8,663	2.554	1.0
\$100,000 and over		52.3	4.7	36.4	14.8	1.1	24,709	7,043	1,7
ichedule F-TGR: 4 Under \$25,000	261.5	2.5	و.	.7	1.7	.1	6,158	613	1
\$25,000-\$99,989	453.5	5.2	1.1	1.7	3.1	.3	6,226	1.017	1
\$100,000 and over		8.9	2.9	3.9	2.5	.5	28,719	3,180	1 7
1988—OTHER RETURNS	1								
Fiduciary	2.125.0	7.5	.4	7.5	_		15,116	١.	
artnershipe	1.727.5	17.2	1.0	17.2	_	-			
Corporation, total	2.847.7	59.7	2.3	59.7	_	l -	181,901	l -	
mell business corporations	736.9	7.9	1.1	7.9	-	-	17.634	-	1
form 1120 DISC 4	13.3	1.4	10.4	1.4	-	-	-	-	
state. total	. 60.7	16.8	20.8	16.8	-	-	41,738	-	1
Gross estate: Under \$1 million	68.5	10.9	15.9	10.9	-	-	19,336	-	1
\$1 million-\$4.9 million		5.2	46.0	5.2	- 1	-	54,229	-	ı
\$5 million and over		.7	76.4	.7	- 1	-	298,978	-	1
3R	97.7	1.9	1.9	1.9	-	-	106,621	-	l
xclee	1,150.0	46.6	4.1	46.8	l . <del>.</del>	-	3,210	-	1
Employment	27,409.3	38.4	1	35.3	1.1	-=	8,759		l
Windfall profit		6.1 (z)	57.7	2.4	-	3.6	401,568	988	١.,
				(z)			18.162		1 24

Represents zero. NA Not available. Z Less than 50. <sup>1</sup> Returns filed in previous calendar year. <sup>8</sup> Income it filed from positive sources only. <sup>8</sup> Total gross receipts. <sup>4</sup> Domestic international sales corporation.

Source: U.S. Internal Revenue Service, *Annual Report of the Commissioner and Chief Counsel of the Internal Revenue Service*.

No. 487. Internal Revenue Gross Collections, By Source: 1970 to 1986

[For fiscal year ending in year shown; see text section 9. See also Historical Statistics, Colonial Times to 1970, series
Y 358-373]

COLLECTIONS (bil. dol.) PERCENT OF TOTAL **SOURCE OF REVENUE** 1970 1975 1980 1962 1963 1984 1985 1896 1970 | 1980 1995 1986 195.6 203.8 518.4 632.2 627.2 680.5 742.0 782.3 100.0 100.0 103.7 77.4 37.4 35.7 53.4 40.2 30.2 29.0 59.2 40.1 31.2 30.0 156.4 122.1 287.5 223.8 128.3 122.5 3.3 72.4 6.5 24.6 5.7 2.4 6.5 3.1 349.6 266.0 173.8 166.4 4.3 61.8 6.2 35.8 5.6 4.1 6.4 15.7 4.0 382.9 279.0 199.2 189.5 6.0 74.2 6.2 38.0 5.4 4.7 10.1 8.1 9.7 396.7 299.0 225.2 215.6 5.7 77.4 6.6 37.0 5.4 4.5 10.0 416.6 314.4 244.4 234.9 5.7 80.4 7.2 33.7 5.6 4.6 9.9 8.9 4.7 53.0 39.5 19.1 18.2 .4 17.9 1.9 8.1 2.4 1.1 3.4 (X) 54.9 43.1 24.7 23.6 .6 13.9 1.3 4.7 1.1 .5 1.3 352.6 windum income taxes.
Withheld by employers.
nployment taxes.

Citid-age and disability insurance.
Unemployment insurance.
upporation income taxes.

Itate and gift taxes.

Incides taxes. 267.5 70.1 67.1 1.4 45.7 4.7 16.8 5.4 2.3 5.5 168.7 162.1 3.4 88.0 8.1 36.8 5.5 2.5 35.0 3.7 15.9 4.7 2.1 6.7 10.4 .9 5.0 .7 .8 1.3 10.8 4.9 7.7 Alcohol... rufactures.....dfall profits tax..... 5.1 12.0 22.0 6.9

Source: U.S. Internal Revenue Service, Annual Report of the Commissioner and Chief Counsel of the Internal Revenue Sendos.

X Not applicable. Includes railroad retirement, not shown separately.

#### No. 486. FEDERAL INDIVIDUAL INCOME TAX RETURNS WITH ADJUSTED GROSS INCOME (AGI)— SUMMARY: 1970 TO 1985

[Includes Puerto Rico and Virgin Islands. Includes returns of resident allens; based on a sample of unaudited returns as filed. Taxability or nontaxability is determined by presence or absence of income tax after credits and additional tax for tax preferences. Classification as "nontaxable" generally based on each return as originally filed and does not reflect subsequent changes (amended returns, sudits, etc.). Adjusted gross income is grose income is closes from all sources subject to tax reduced by legally permitted subtractions such as: Expenses of operating a business or trade, contributions to individual Retirement Arrangements, moving expenses, etc. Data are not comparable for all years because of tax changes. See Statistics of Income Individual Income Tax Returns publications for a detailed explanation. See Appendix III. See Historical Statistics, Colonial Times to 1970, series Y 393-411, for related data)

ITEM	Unit	1970	1970	1980	1961	1982	1986	1984	1980
Returns, total	Million	74.3	82.2	93.9	95.4	96.3	96.3	99.4	101.7
Joint returns	Million	42.4	44.1	45.2	45.7	46.1	46.4	47.4	47.8
Gross income, total	Bil. dol	639.4	982.9	1,642.3	1,804.0	1,917.0	2,024.0	2,229.6	2,401.0
Seleries and wages	Bil. dol	531.9	795.4	1,349.8	1,456.1	1,565.0	1,644.6	1,507.1	1,928.2
Interest received	Bil. dol	22.0	43.4	102.0	1 140.6	157.0	153.6	176.4	182.1
laxable pensions and annurses	BII. 001	7.9	20.9	43.3	51.9	60.1	68.8	60.4	95.1
Net centel asia less less amount	BE 001	15.8 9.0	21.9	36.8	(NA) 30.8	52.1	48.6	46.6	55.0
aross income, total Salaries and wages Interest received Taxastic pensions and annuities Dividends, after exclusions Net ceptial gain less loss, amount	Bil. dol	30.6	14.1 39.4	29.7 55.1	53.1	34.4 50.6	46.9 80.4	54.5 70.8	68.3 78.8
Statutory adjustments, total:	l								
Returns, number	Million	6.4	9.0	13.1	14.1	33.4	34.8	37.0	37.8 95.1
Amount	Bill. dol	7.7	15.1	26.6	31.4	64.9	81.4	89.7	¥0.1
Behave cumber	Million	~	ا س ا	۱ ۸۸	/~	21.7	22.6	24.1	24.6
Amount	Bil. dol	(X)	8	( <u>(</u>	(X)	9.0	19.8	22.4	24.6
Individual Retirement Arrangements	<b>GE.</b> GG	~	~	~ ا	, w	1	1		
(IRA):				1		ľ	I	l	
Returns, number	Million	(x)	1.2	2.6	3.4	12.0	13.6	15.2	16.2
Amount	Bil. dol	(X)	1.4	3.4	4.8	28.3	32.1	35.4	38.2
Keogh (Self-employed retirement):		, , ,		1	1		1	1	
Returns, number	Million	.6	.6	.6	.6	.6	.7	.6	.7
Amount	Bil. dol	.6	1.6	2.0	2.0	2.5	2.9	4.1	5.2
Adjusted gross income	Bil. dol	631.7	947.8	1,613.7	1,772.6	1,852.1	1,942.6	2,139.9	2,306.0
Exemptions:				l	l			l	
Total number	Million	204.1	212.2	227.9	231.2	232.2	234.4	240.9	244.2
Number, age 65 or over	Million	8.9	9.9	11.8	13.1	14.0	14.8	15.9	16.7
Total amount	Bil. dol	127.5	159.1	227.6	231.1	232.1	234.4	240.9	253.7
Deductions, total:			l	1		1		ļ	1
Number of returns	Million	73.9	81.6	86.5	90.3	90.3	91.5	94.9	95.8
Amount	Bil. dol	120.5	233.2	346.0	401.2	* 425.2	2 446.7	² 590.0	2 550.0
Nemized deductions, total:			١	l					
Number of returns	Million Bil. dol	35.4	26.1	29.0	31.6	33.4	35.2	38.2	39.8
Amount	Bil. dol	68.2 10.6	122.3	218.0	256.4	234.5 21.7	309.6 2 18.1	356.9 21.5	405.0 22.9
Taxes paid	BIL 001	32.0	11.4	15.0	17.9 79.7	86.0	98.8	115.2	128.1
latered and	Bil. dol	23.9	44.1 38.9	91.2	106.7	121.9	134.7	158.2	180.1
Interest paid Home mortgage interest	Bil. dol	13.3	24.1	59.3	68.6	79.3	88.8	102.1	115.0
Contributions	Bil. dol	12.9	15.4	25.8	30.8	33.5	37.7	42.1	46.0
Taxable Income:			1						l
Number of returns	Million	59.6	65.9	68.1	69.9	89.7	90.8	94.2	4 96.1
Amount	Bil. dol	401.2	595.5	1,280.0	1,410.9	1,473.3	1,544.9	1,701.4	4 1,820.7
Percent of AGI	Percent	63.5	82.8	79.3	79.6	79.5	79.5	79.5	79.0
Income tax before credits:		1	l		ı		1	1	
Number of returns	Million	59.6	65.9	78.1	79.0	78.3	90.6	84.4	96.0
_ Amount	Bil. dol	84.2	132.5	258.3	293.6	283.9	279.8	308.7	332.2
Tax credits, total		.4	8.1	7.2	11.3	7.9	8.2	9.3	10.2
General	Bil. dol	(X) (Z)	5.0	(x) 3.3	• 3.4	(x)	(X)	(X) 6.4	7.0
Investment	BE. dol	(Z)	1.6		4.0	4.1			1 7.9
Foreign	BEL 001	.2	.4	1.3	1.2	.8	.6 2.1	.7 2.6	3.1
Child care	DE. 001	(x)	(x)	1.0	1.1	1.5			
Elderly	BH. 001	1 .3	1 .1	1 .1	.1	.1	.5	.1	1
Residential energy	Bil. dol	(x) (x) 83.8	(x)	.6 .5	.6 .5	.6	.5	.8	3
Income tax after credits		-27	124.4	249.1	282.3	276.1	271.7	297.4	321.9
Additional tax for tax preferences	Bil. dol	.1	127.7	1.3	1.8	1.5	2.5	4.5	3.8
Income tax. total:				1	1				
Number of returns	Million	59.3	61.5	73.9	76.7	77.0	78.0	81.6	82.8
Amount	Bil. dol	83.9	124.5	250.3	284.1	277.6	274.2	301.9	325.7
Percent of AGI	Percent	13.7	13.9	16.1	16.5	15.4	14.5	14.1	14.4
Percent of taxable income	Percent	20.9	21.1	20.0	20.5	19.2	18.1	17.7	18.2
Average AGI per return	Dollars	8.504	11.526	17,185	18.582	19,427	20.166	21.520	22.663
	Dollars	1,415	2.025	3.387	3,703	3,605	3,514	3,698	3.931
Average income tax per return									
Average income tax per return	Dollars	406	578	1,102	1,237	1,197	1,343	1,277	1,364
Average income tax per return	Dollars	406		1,102	1,237	1,197	1,343	1,277	1,364
Average income tax per return	Dollars	406		1,102	1,237	1,197	1,343	1,277	1,364

NA Not available. X Not applicable. Z Less than \$50 million. ¹ Data for interest end dividends are before exclusion. The combined amount of interest end dividends in adjusted gross income (after the exclusion) was \$178.1 billion. ¹ Includes total itemized deductions, cheritable contributions for non-itemizes end zero bracket amounts on non-itemized returns. ⁵ Includes could take the medical and dental expense deduction if the total of deductible expenses exceeded 5 percent of their adjusted gross income. ⁴ Excludes zero bracket amount. ⁴ Includes surcharge of \$2 billion. ⁴ For 1961 only, this was the 1.25 percent reter reduction credit applicable to all returns with income tax before credits, as provided by the Economic Recovery Tax Act of 1961. ¹ Besed on resident population, as of July 1.

Source: U.S. Internal Revenue Service, Statistics of Income Bulletin, Winter 1988-87.

### No. 480. Individual Income Tax Returns—Number, Income Tax and Average Tax, by Size of Adjusted Gross Income: 1984 and 1985

#### [Number in thousands; money amounts in millions of dollars]

		BER OF URNS	GROSS INC		TAXABLE	INCOME		E TAX,	FILERS	LIABILI		TAX
SIZE OF ADJUSTED GROSS INCOME	1984	1985	1984	1985	1984	1985	1984	1985		ge tax ol.)	perce	as ent of GI
									1984	1985	1984	1985
Total	99,439	101,660	2,139,904	2,305,951	1,701,366	1,820,741	301,923	325,710	3,698	3,931	14.1	14.4
Less than \$1,000	3,329	3,292	-31,984	-36,741	64	7	420	186	£16,783	216,464	(x)	(x)
\$1,000-\$2,999	6,884	6,771	13,733	13,581	6,504	5,948	45	42	104	111	(X) 5.4	5.5
\$3,000-\$4,999	7,031	6,685	28,151	26,770	17,252	16,049	430	348	103	100	2.5	2.4
\$5,000-\$6,999	6,584	6,571	39,618	39,357	26,096	25,680	1,233	1,193	282	275	4.7	4.6
\$7,000-\$8,999	6,793	6,664	54,389	53,478	38,888	37,544	2,483	2,260	465	460	5,8	5.7
\$9,000-\$10,999	6,052	6,235	60,390	62,125	45,304	46,036	3,618	3,481	651	633	6.5	6.3
\$11,000-\$12,999	5,878	5,583	70,439	66,863	54,709	51,016	5,014	4,549	899	865	7.5	7.2
\$13,000-\$14,999	5,203	5,387	72,660	75,352	57,398	58,885	5,832	5,789	1,163	1,119	8.3	8.0
\$15,000-\$16,999	4,894	4,895	78,196	78,225	62,490	61,708	6,785	6,534	1,415	1,375	8.9	8.6
\$17,000-\$18,999	4,562	4,543	82,013	81,675	66,307	65,462	7,775	7,482	1,736	1,686	9.7	9.4
\$19,000-\$21,999	5,646	6,089	115,467	124,506	93,889	100,463	11,678	12,203	2,100	2,044	10.3	10.0
\$22,000-\$24,999	5,199	5,051	122,124	118,540	99,375	95,256	13,238	12,275	2,573	2,469	11.0	10.5
\$25,000-\$29,999	7,635	7,458	209,275	204,399	168,006	164,077	23,793	22,917	3,152	3,104	11.5	11.3
\$30,000-\$34,999	6,021	11,636	1195,264	402,943	£ 155,819	320,092	[23,927	49.794	1 4,004	4,313	S12.3	125
\$35,000-\$39,999	5,054	1	188,944	1	149,423	1	124,678	1	4,907	, .	[13,1	1
\$40,000-\$49,999	5,963	6,702	264,922	297,914	210,324	233,646	38,675	41,502	6,504	6,215	14.6	14.0
\$50,000-\$74,999	4,658	5,629	275,047	333,710	214,921	259,467	47,355	56,065	10,211	9,984	17.3	16.8
\$75,000-\$99,999	1,049	1,263	89,290	107,425	69,195	82,293	18,759	21,795	17,944	17,297	21.1	20.
\$100,000-\$149,999	581	909	69,274	119,200	53,604	90,835	17,118	329.657	<b>∫29,502</b>	32,735	f24.8	125.0
\$150,000-\$199,999	180		1 30,768	1	23,866	1	f 8,645	100,00	148,205	102,000	28.2	Jeun
\$200,000-\$299,999	132		131,730	68,986	24,405	52,920	10,014	22,033	75,844	392,735	f31.6	32.0
\$300,000-\$499,999	67	)	25,780		19,789		8,762	1	130,272	1	34.1	1
\$500,000-\$999,999		41	19,729	27,541	15,799	21,270	7,527		258,255		38.2	35.1
\$1,000,000 or more	15	17	34,687	40,100	27,939	32,087	14,121	15,728	954,091	910,931	40.8	39.5

X Not applicable. <sup>1</sup> Consists of income tax after credit, alternative minimum tax, and minimum tax. <sup>2</sup> For many texpayers in this size class includes additional tax for tax preferences not included in "taxable income."

Source: U.S. Internal Revenue Service, Statistics of Income Bulletin, Summer 1967.

### No. 490. INDIVIDUAL INCOME TAX RETURNS—ITEMIZED DEDUCTIONS AND STATUTORY ADJUSTMENTS, BY SIZE OF ADJUSTED GROSS INCOME: 1985

				ADJ	USTED GRO	SS INCOME	CLASS		
ITEM	Unit	Total	Under \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$99,999	\$100,000 and over
Returns with itemized deductions Medical and dental expenses:	1,000	39,848	2,303	6,134	8,576	9,078	6,006	6,566	1,184
Returns	1,000	10.777	1,249	3,308	2,722	1,827	875	738	58
Amount		22.9	3.9	7.1	4.4	3.0	1.5	2.4	1
Average deduction			3.091	2,141	1,599	1,652	1,740	3,319	11,117
Taxes paid: Returns, total	1,000		2,107	6.075	8,555	9.067	6,003	6,565	1,177
State and local income taxes	1,000		1,132	4,657	7,246	7.758	5,152	5,615	1,004
Real estate taxes	1,000	32,500	1,256	4,503	6,496	7,401	5,320	6.024	1,110
Amount, total	Bil. dol		2.1	8.8	17.0	24.5	20.9	33.8	21.0
State and local income taxes	Bil. dol		4	2.7	7.5	11.9	10.5	18.2	15.0
Real estate taxes	Bil. dol		1.2	3.7	5.2	6.9	5.8	9.2	3.5
Average deduction			988	1.445	1,993	2.697	3.483	5,150	17.84
Interest paid: Returns	1,000		1,391	5,354	8,034	8,606	5,689	6,150	1.06
Home mortgages	1,000		936	3,646	5,851	6,761	4,792	5,216	850
Amount			2.4	10.0	18.7	23.7	20.4	30.4	9.4
Average deduction	Dollars		2.564	2.747	3,192	3,509	4.262	5.822	11.08
Amount	Bil. dol		4.0	15.4	27.7	35.7	30.1	45.7	21.5
Average deduction per return.	Dollars		2.849	2.874	3,454	4,150	5.287	7.427	20,25
Contributions:	Dollars	4,903	2,049	2,0/4	3,434	4,150	5,267	1,421	20,200
Returns	1,000	26 162	1,547	5.298	7,699	8,400	5.712	6,350	1,15
Amount	Bil. dol	48.0	1,547	4.2	6.2	7.5	6.3	11.2	11.3
Average deduction			580	799	805	894	1.105	1,757	10,075
Returns with statutory adjust-	Dollars	1,320	560	799	800	994	1,100	1,/5/	10,07
ments: 1 Returns	1,000	97 702	2.244	6,568	8,581	8,131	5,438	5,851	95
Amount of adjustments	Bil. dol		3.3	9.2	14.5	17.5	15.4	26.9	8.
Average deduction	Dollars		1,450	1,401	1,695		2,832	4,600	
Payments to individual retirement	Dollars	2,516	1,450	1,401	1,090	2,158	2,032	4,600	8,64
arrangements: Returns	1.000	10 000	650	2.057	3.074	3,173	2574	3,847	83
Amount		38.2	1.1	3.6	6.1	6.9	2,574	11.4	2.0
Average deduction	Dollars	2.358	1.660	1.754	1.970	2.190	2,546	2,954	3.12
Payments to Keogh: Returns	1,000		1,000	36		2,190	2,546	2,954	13
Amount			1		63	3	87	2.0	2
Augraca deduction	Dellar			2 007			4.00		
Average deduction	Dollars	7,668	3,222	3,067	2,680	3,220	4,161	8,456	15,60

<sup>&</sup>lt;sup>1</sup> Also includes disability income exclusion, employee business expenses, moving expenses, forfeited interest penalty, alloway paid, deduction for expense of living abroad, and other data not shown separately.

Source: U.S. Internal Revenue Service, Statistics of Income, Individual Income Tax Returns, 1985.

ng. 491. Federal Individual Income Tax—Effective (Averagi) and Marqinal Tax Rates, for Selected Income Groups: 1864 to 1885

[Refers to income after exclusions. Effective rate represents tax labelity divided by stated income. The marginal tax rate is the percentage of the first additional dollar of income which would be paid in income tax. Conclusions assume the low income allowance, standard deduction, tax to bracket additional part of percent of adjusted gross income, whichever is greatest. Excludes self-emptional based on net income.

			1	TAX LIABILITY	77					EFFECTI	VE RATE	EFFECTIVE RATE (percent)	5	Ī		MAR	MARGINAL TA	TAX RATE (percent)	(perce	nt)	
ADJUSTED GROSS INCOME	1954-	1965	1970 :	1975	1979-	1984	1985	1954-	1965	1970 =	1975	1979-	1984	1985	1954-	1965	2 0Z61	1975	1979-	1984	1965
CURRENT DOLLARS Single person, no dependents:													- 1		1						
\$10,000	2,096	1,742	1,726	1,476	1,177	915	888	21.0	17.4	17.3	14.8	0.00	90	000	388	28	25.6	20.2	225	199	799
\$25,000	8,324						4,125	38				21.9	16.8			48	39.0		38	38	88
000,058	22,788						12,067	45				32.1	24.7			88	61.5		55	4 34	4 8
\$75,000 Married couple, 2 dependents: *	39,702					22,595	22,195	22				39.3	30.1			2	65.6		63	48	48
\$5,000	1372		_			291	s 550	000				-10.0	- 10.0	1		9 0	5 9	10	1 4	10	
\$20,000	3,800		_					19				11.3	8.7			52	25.6	32	24	181	
235,000	9.037		-					25				18.0	14.5			35	40.0	308	37	28	
\$75,000	15,976	13,388	13,674	12,980	23,404	9,310	9,086	32.0	33.4	34.1	32.8	312	18.6	23.5	929	55	56.4	55	42	423	884
	CURRE	INT INCC	OME EQU	CURRENT INCOME EQUIVALENT TO CONSTANT INCOME	TO CON	HANT IN	COME			FFECTI	EFFECTIVE RATE	(percent)	QL.			MARC	MARGINAL TAX RATE (percent)	X RATE	(perce	8	
	1960	1970	1975	1979	1980	1984	1985	1960	1970 =	1975	1979	1980	1984	1985	1960	1970	1975	1979	1980	1884	1985
CONSTANT (1980) DOLLARS * Sugle person, no depandents: \$5,000. \$20,000. \$25,000. \$25,000. \$25,000. \$25,000. \$25,000. \$25,000. \$25,000. \$25,000. \$25,000. \$25,000. \$25,000. \$25,000. \$25,000. \$25,000. \$25,000. \$25,000.	2.010 8.036 8.036 10.046 10.046 10.046 10.046 10.046 10.046	2.585 12.926 12.926 25.862 25.862 25.785 2.785 10.3410 10.3410 12.926 12.926 38,779	3,439 13,999 17,496 24,494 34,992 3,493 13,997 17,496 32,494 52,497 52,497	4,536 9,902 12,752 45,361 68,041 4,536 9,902 19,144 22,680 31,752 45,361 45,361 46,361 46,361 46,536 46,361 46,536 46,361 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641 46,641	+00000 +00000	- (40) 400 - (40) 400	- MO 4 DO - MO 4 DO		2,5 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2772 2772 2772 2772 2772 2772 2772 277	2000 2000 2000 2000 2000 2000 2000 200	2422 2422 2422 2422 2422 2422 2422	227.7 18.8 18.8 227.7 227.3 32.6 32.6 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5		2888428 , 888888	22222 22222 22222 22222 22222 22222 2222	22.7.7 2.7.7 3.3 1.8.5 1.8.5 1.8.5 2.2 2.2 2.2 2.2 2.2 2.3 3.3 3.3 3.3 3.3			4888888 22 22 2888 4 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	48332224, 568332834

\* Refundable earned income credit. \* Amount of adjusted gross income equivalent to adjusted gross income equivalent to adjusted gross income equivalent to adjusted gross income equivalent to adjusted gross 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 178.9; 1980, 1880, 1880, 1880, 1880, 1880, 1880, 1880, 1880, 1880, 1880, 1880, 1880, 1880, 1880, 1880, 1880, 1880, 1880, 1880, 1880, 1880, 1880, 1880, 1880, 1880, 1880, 1880, 1880, 1880, 1880, 1880, 1880, 1880 \*Only one spouse is assumed to work. a 1961 tax liability and tax rates are 96.75 percent of the 1960 rates. Includes tax surcharge. 1 See headnote, table 488. - Represents zero.

Source: U.S. Dept. of the Treasury, unpublished data

NO. 492. FEDERAL INDIVIDUAL INCOME TAX RETURNS—ADJUSTED GROSS INCOME, BY SOURCE OF INCOME AND INCOME CLASS FOR TAXABLE RETURNS: 1985

[In billions of dollars, except percent. Minus sign (-) indicates net loss was greater than net income. See headnote, table 486]

ITEM	Total <sup>1</sup>	Under \$10,000 <sup>1</sup>	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$99,999	\$100,000 and over
Number of returns (1,000)	82,846	15,879	24,458	16,210	11,544	6,678	6,876	1,202
Adjusted gross income (AGI) Salaries. Percent of AGI. Interest received. Dividends in AGI. Business and profession, net. Pensions and annuities? Sales of capital assets,* net. Rents and royalties, net. Other sources,* net	1,853.9 82.1 167.7 52.5 77.9 89.7 65.8	106.4 82.8 77.8 14.5 1.7 2.3 6.8 2.2 4 3.5	380.9 292.3 81.0 32.7 5.5 9.7 23.8 1.7 4 -4.4	399.9 349.5 87.4 25.0 4.7 11.0 18.2 2.5 -1.7 -9.3	399.8 359.6 89.9 20.6 4.8 9.5 13.7 3.1 -2.3 -9.2	269.9 267.1 90.0 16.4 3.6 8.7 9.2 3.1 -1.8 -9.4	440.0 366.4 83.3 32.4 11.5 22.7 14.4 11.5 -3.2 -15.7	255.1 136.1 53.4 26.1 20.9 14.0 3.9 41.1 2.4 10.1
PERCENT OF ALL RETURNS				ł			l	ļ
Number of returns	98.0 98.1 92.1 95.4 98.8 94.4	15.6 4.6 4.3 7.9 3.2 2.9 7.2 3.2	24.1 15.6 15.2 18.0 10.1 12.3 25.1 2.5	15.9 17.3 18.1 13.7 8.5 14.0 19.1 3.5	11.4 17.3 18.7 11.3 6.8 12.0 14.5 4.5	6.8 12.9 13.9 9.0 6.6 11.1 9.7 4.4	6.8 19.1 19.0 17.8 20.9 28.8 15.1 16.4	12 11.1 7.1 14.2 37.2 17.1 3.7 59.6

Includes a small number of taxable returns with no adjusted gross income.

 Taxable portion.

 Includes net sales of property other than capital assets (\$1.5 billion in 1985).

 Source: U.S. Internal Revenue Service, Statistics of Income, Individual Income Tax Returns, 1985.

No. 493. FEDERAL INDIVIDUAL INCOME TAX RETURNS, INCOME, AND TAXES, 1970 TO 1985, AND BY STATE, 1985

	Num-	INCOME (/		INCOME	TAX	100	Num-	INCOME (		INCOME	TAX
YEAR, DIVISION AND STATE	ber of returns (1,000)	Total (mil. dol.)	Per cap- ita <sup>2</sup> (dol.)	Total <sup>a</sup> (mil. dol.)	Per cap- ita " (dol.)	DIVISION AND STATE	ber of returns (1,000)	Total (mil. dol.)	Per cap- ita <sup>2</sup> (dol.)	Total <sup>3</sup> (mil. dol.)	Per cap- ita <sup>3</sup> (dol.)
1970	74,278	631,626	3,096	82,880	406	S.A.:		100			12.
1975		947,785	4,399	124,526	578	DE	284	6,656	10,701	964	1,550
1979	92,694	1,465,395	6,525	214,495	955	MD	2,071	52,205	11,884	7,592	1,728
1980	93,902	1,613,731	7,180	250,341	1,102	Dimmontonon	324	7,678	12,324	1,239	1,989
1981	95,396	1,772,604	7,719	284,129	1,237	VA	2,502	59,423	10,421	8,503	1,491
1982	95,337	1,852,135	7,983	227,597	1,197	WV	2,632	13,111	6,769	1,745 6,826	1,090
1983	99,419	2,134,030	9,109	314,564	1,343	NC		52,274 25,492	7,644	3,204	1,090
1984	99,439	2,139,904	9,049	301,923	1,277	SC	2.467	53,219	8,907	7,449	1,247
1985	102,037	2,289,333	9,589		1,410	FL	5,113	110,593	9,732	17,310	1,52
N. Eng.:			100	70.7	18.0	E.S.C.:	40.00		100	10000	1
ME	497	9,401	8,070	1,213	1,041	KY	1,366	26,245	7,038	3,554	95
NH	482	11,270	11,281	1,723	1,725	TN	1,916	37,621	7,892	5,292	1,11
VT	231	4,521	8,450	600	1,121	AL	1,502	29,793	7,408	3,957	98
MA	2,763	67,079	11,528		1,794	MS	912	15,706	6,008	1,976	75
RI	438	9,247	9,563	1,282	1,326	W.S.C.:	5.00	15.070	2044	2 202	
CT	1,564	42,424	13,379		2,282	AR	869	15,672	6,641	2,027	85
Mid. Atl.:	10000	1 100	1			LA	1,651	33,776	7,529	4,940 3,893	1,10
NY	7,599	191,010	10,764	29,146	1,642	OK	6,674	26,730 152,849	8,085 9,326	24,966	1,17
NJ	3,761	97,712	12,923	15,651	2,070	TX	0,074	152,045	9,320	24,800	1,04
PA		108,640	9,158		1,330	MT.	336	5,699	6,908	770	93
E.N.C.:	100	a just tend.	1500	1	1,722	ID	368	6,778	6,751	869	86
OH		98,759	9,189		1,288	WY	207	4,451	8,727	680	1,33
IN	2,269	47,848	8,700	6,783	1,233	CO	1,430	32,669	10,102	4,672	1,44
IL	4,898	114,930	9,962	17,977	1,558	NM	592	11,286	7,778	1,507	1,03
MI	3,811	90,454	9,953	13,183	1,451	AZ	1,346	29,175	9,137	3,972	1,24
WI	2,017	41,796	8,751		1,150	UT	595	12,528	7,616	1,485	90
W.N.C.:	1 / - 1	1 / 3 3 3	13.6	1 7 503	100	NV	447	9,921	10,588	1,554	1,65
MN		39,845	9,505		1,276	Pac.:	1 005	17.265	2011	e 161	. 20
IA	1,158		7,515	2,953	1,025	WA	1,905	42,365	9,611	6,151 2,942	1,39
MO			8,855	6,553	1,301	OR	1,126	22,582 285,100	10,816	41,509	1,08
ND.	278	5,012	7,317	704	1,028	AK	239	6,709	12,852	1,125	2.1
SD	. 283	4,412	6,232	604	853	H	471	9,966	9,482	1,303	1,2
NE	672	12,664	7,890	1,776	1,107	Other 4		5,593	(NA)	1,090	(N
KS			9.069		1,341	Online annual	4 10 -500	(2,22)	44.4	414227	1

NA Not available. <sup>1</sup> Less deficit. <sup>2</sup> Based on resident population as of July 1. <sup>3</sup> includes additional tax for tax preferences, self-employment tax, and recomputed prior-year taxes. <sup>4</sup> Returns with addresses outside the United States.

Source: U.S. Internal Revenue Service, Statistics of Income Bulletin, Spring 1987.

[Annual employment: For fiscal year ending in year shown; see text, section 9. Includes employees in U.S. territories and in foreign countries. Data represent employees in active-duty status, including intermittent employees. Annual employment figures are averages of monthly figures. Excludes Central Intelligence Agency, National Security Agency, and as of November 1984, the Determs Intelligence Agency. See also Historical Statistics, Colonial Times to 1970, series Y 308-317]

			EMPLO	YMENT					PAYROLL		
20040	- +0	Percent	Exe	cutive	Lorda		Total I	Exe	cutive	Legis-	Judi
YEAR	Total 1 (1,000)	of U.S. em- ployed <sup>2</sup>	Total 1 (1,000)	Defense (1,000)	Legis- lative (1,000)	Judicial (1,000)	Total (mil. dol.)	Total <sup>1</sup> (mil. dol.)	Defense (mil. dol.)	(mil. dol.)	cial (mil. dol.)
1970 1975 1978	* 2,928 2,882 2,875	3.7 3.4 3.0	* 2,891 2,834 2,822	1,195 1,036 987	30 37 40	7 10 13	28,562 40,699 49,921	28,117 39,944 48,899	11,352 14,356 16,995	353 589 771	92 166 251
1979 1980 1981	2,897 *2,987 2,910 2,871	2.9 3.0 2.9 2.9	2,844 * 2,933 2,855 2,816	970 972 986 1,019	40 40 40 39	13 14 15 16	53,590 58,012 63,792 65,503	52,513 56,841 62,510 64,125	18,065 19,234 21,227 22,226	817 883 922 980	260 288 360 398
1983 1984 1985	2,878 2,935 3,001 3,047	2.9 2.8 2.8 2.8	2,823 2,879 2,944 2,990	1,033 1,052 1,080 1,088	39 40 39 38	16 17 18 19	69,878 74,537 80,445 82,554	68,420 73,005 78,840 80,896	23,406 25,253 28,219 29,224	1,013 1,081 1,097 1,114	445 500 545

Includes Postal Service Christmas help.
 Includes 4,975 temporary census workers.

Source: U.S. Office of Personnel Management, Monthly Release of Federal Civilian Workforce Statistics; and unpublished data.

#### No. 495. FEDERAL CIVILIAN EMPLOYMENT—SUMMARY: 1970 TO 1986

[in thousands. As of Dec. 31, Excludes U.S. Territories and foreign countries, Central Intelligence Agency, National Security
Agency, and the Defense Intelligence Agency. Partially estimated]

CHARACTERISTIC OF			1	UNITED S	STATES					WASH	INGTON	, DC 1	
EMPLOYMENT	1970	1975	1980	1962	1983	1984	1985	1986	1970	1980	1984	1985	1986
Paid employment	2,645	2,741	2,772	2,733	2,754	2,824	2,902	2,895	316	366	352	353	344
Male Female	1,931 714	1,896 845	1,790 982	1,776 957	1,680 1,074	1,694 1,130	1,769	1,765 1,130	180 136	202 164	190 162	191 162	186
Full-time	2,516 129	2,496 245	2,504 268	2,482 251	2,497 257	2,537 287	2,589 313	2,575 320	308 8	342 24	333 19	335 18	327 17
Competitive service <sup>a</sup>	2,393 112	1,714 60	1,692	1,676 67	1,685 70	1,698 68	1,710 82	1,676	262 11	258 11	246 10	246 11	239
Services (SES) * *  Permanent Other	252 164 88	1,027 863 164	1,080 917 163	1,057 914 143	1,069 926 143	1,126 968 158	1,191 1,015 176	1,217 1,035 182	54 38 16	107 70 37	106 72 34	108 73 35	105 73 32
White-collar *	2,113 532	2,255 486	2,314 458	2,289 444	2,319 435	2,393 431	2,289 612	2,284 611	278 38	334 32	325 27	321 32	313

<sup>Through June 30, 1983, represents SMSA; thereafter, MSA.

In 1971, under Postal Reorganization Act of 1970, U.S.

Postal Service employees were changed from competitive service to excepted service. Includes "Indefinite."

\* Excepted from competitive requirements of Civil Service Act. Prior to 1980 SES was not included in total.

\* Through June 30, 1983, represents SMSA; thereafter, MSA.

\* In 1971, under Postal Reorganization Act of 1970, U.S.

\* Excepted from competitive requirements of Civil Service Act. Prior to 1980 SES was not included.

\* Through June 30, 1983, represents SMSA; thereafter, MSA.

\* In 1971, under Postal Reorganization Act of 1970, U.S.

\* Excepted from competitive service to excepted service.

\* Through June 30, 1983, represents SMSA; thereafter, MSA.

\* In 1971, under Postal Reorganization Act of 1970, U.S.</sup> 

Source: U.S. Office of Personnel Management, Monthly Release of Federal Civillan Workforce Statistics; and unpublished data.

#### NO. 495. ACCESSIONS TO AND SEPARATIONS FROM PAID CIVILIAN EMPLOYMENT IN THE FEDERAL **GOVERNMENT: 1970 TO 1987**

(In thousands, except rate. For flocal year ending in year shown; see text, section 9. Includes accessions and separations of part-time and intermittent employees)

			UNIT	ED STA	TES				WASH	HINGTON	, DC I	
ITEM	1970	1975	1980	1984	1985	1986	1987, Oct Feb.	1980	1984	1985	1986	1987, Oct Feb.
Accessions, total	727.0 2.2 796.7 2.4 334.4	564.2 1.7 588.9 1.8 212.9	995.2 2.9 1,004.0 3.0 227.7	574.0 1.7 521.8 1.6 195.8	2.0 585.6 1.7	598.7 1.7 557.5 1.6 208.7	250.1 1.8 217.4 1.5 71.2	94.1 2.3 89.2 2.2 32.9	63.6 1.6 58.8 1.5 24.6	62.4 1.6 57.8 1.5 25.2	57.5 1.4 58.7 1.4 26.2	22.0 1.4 19.7 1.2 79.7

<sup>&</sup>lt;sup>1</sup> See footnote 1, table 495. <sup>2</sup> Per 100 employees. <sup>2</sup> Represents voluntary resignations by employees or separations by agency if employee declines new assignment, abandons position, joins military, or falls to return from military furlough. Source: U.S. Office of Personnel Management, Monthly Release of Federal Civilian Workforce Statistics.

<sup>&</sup>lt;sup>8</sup> Civilian only. See table 607.

<sup>&</sup>lt;sup>8</sup> Includes 33,000 temporary census workers.

### No. 497. PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT 1960 TO 1986, AND BY STATE, 1986

[As of December 31. Excludes members and employees of Congress, Central Intelligence Agency, temporary Christmes help of the U.S. Postal Service, and National Security Agency]

YEAR, DIVISION, AND STATE	Total (1,000)	Per- cent de- tense	Rate per 10,000 popula- tion <sup>1</sup>	DIVISION AND STATE	Total (1,000)	Per- cent de- fense	Rate per 10,000 popula- tion <sup>1</sup>
1960	2,213	42.1	123.4	South Atlantic—Con.	1		
1970		37.8	131.1	District of Columbia	206	8.3	3.290.7
1980	2,659	32.2	117.4	Virginia	156	67.9	269.6
1982	2.734	34.3	117.8	West Virginia	15	13.3	78.2
1984	2,771	34.3	117.2	North Carolina	45	35.6	71.1
1986, total 2	2,862	33.8	118.7	South Carolina	32	62.5	94.6
New England		28.1	95.0		86	46.5	140.9
Maine		58.8	144.9	Georgia	101	31.7	86.5
New Hampshire	1 7	28.6	68.2	Florida	174	33.9	
		20.0	92.4	East South Central			114.4
Vermont				Kentucky	33	42.4	88.5
Massachusetts	. 59	20.3	101.2	Tennessee	58	12.1	120.8
Rhode Island	10	40.0	102.6	Alabama	59	45.8	145.6
Connecticut	23	21.7	72.1	Mississippi	24	45.8	91.4
Middle Atlantic	361	28.0	96.8	West South Central	272	38.6	101.3
New York	156	12.8	87.8	Arkansas	19	26.3	80.1
New Jersey	74	36.5	97.1	Louisiana	33	27.3	73.3
Pennsylvania	131	41.2	110.2	Oklahoma	48	54.2	145.2
East North Central		27.3	76.4	Texas	172	37.8	103.1
Ohio	90	37.8	83.7	Mountain	187	32.6	143.6
Indiana	41	36.6	74.5	Montana	11	9.1	134.3
Illinois	104	21.2	90.0	Idaho	10	10.0	99.8
Michigan	57	22.8	62.3	Wyoming	6	16.7	118.3
Wisconsin	27	11.1	56.4	Colorado	52	28.8	159.2
West North Central	172	22.7	97.9	New Mexico	26	38.5	175.8
Minnesota	31	9.7	73.6	Arizona	36	30.6	108.5
lowa	18	5.6	63.1	Utah	36	55.6	216.2
Missouri		31.3	132.3	Nevada	10	20.0	103.6
North Dakota		25.0	117.8	Pacific	445	43.1	124.5
South Dakota	9	11.1	127.1	Washington	63	46.0	141.2
Nebraska		26.7	93.9	Oregon	27	11.1	100.1
Kansas		29.2	97.6	California	314	42.7	116.4
South Atlantic		35.7	189.4	Alaska	14	35.7	262.2
Delaware	5	40.0	79.0	Hawaii	27	77.8	254.2
Maryland	129	32.6	289.0	1107401	21	77.0	254.2

<sup>&</sup>lt;sup>1</sup> For 1960–1960, based on April 1 population; other years based on July 1 resident population. 
<sup>2</sup> Preliminary, includes employees not specified by State.

Source: U.S. Office of Personnel Management, Biennial Report of Employment by Geographic Area.

### No. 498. Paid Full-Time Civilian Employment in the Federal Government, All Areas: 1975 to 1986

[As of March 31, Excludes employees of Congress and Federal courts, maritime seamen of Dept. of Commerce, and small number for whom rates were not reported. See text, section 10 for explanation of general schedule and wage system. See also Historical Statistics, Colonial Times to 1970, series Y 318–331]

00405104.7004.447100074		Ε	MPLOYE	E8 (1,000	0)				AVERAGE	E PAY (do	l.)	
COMPENSATION AUTHORITY	1875	1985	1985	1984	1983	1985	1975	1869	1983	1984	1980	1995
Total	2,575	2,507	2,499	2,520	2,590	2,616	13,529	17,758	24,074	25,211	26,130	20,300
General schedule	1,349 528 559 139	1,402 458 536 113	1,393 430 547 129	1,407 420 561 132	1,450 418 586 136	409 606	11,197 13,242	17,299 17,844 20,076 20,344	24,178 21,500 24,612 31,544	25,282 22,3 <b>9</b> 3 25,504 33,453	26,186 23,288 26,559 34,413	28,274 23,837 28,744 34,814

<sup>1</sup> Source: U.S. Postal Service, National Payroll Hours, 1986.

Source: Except as noted, U.S. Office of Personnel Management, Pay Structure of the Federal CNI Service, annual.

#### No. 499. FEDERAL GENERAL SCHEDULE EMPLOYEE PAY INCREASES: 1965 TO 1987

[Percent change from prior year shown, except 1985, change from 1984. Represents legislated pay increases. For some years data based on range; for details see source]

EFFECTIVE DATE	Average increase	EFFECTIVE DATE	Average increase	EFFECTIVE DATE	Average increase
Oct. 1, 1985	3.6 2.9 4.5 4.9 9.1 6.0 6.0 5.5	Oct 1, 1972	5.5 5.0 5.2 7.0	Oct. 1, 1980	4.8 4.0 4.0 2.5

<sup>-</sup> Represents zero.

buros: U.S. Office of Personnel Management, Pay Structure of the Federal Civil Service, annual.

### NO. **500.** WHITE-COLLAR CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY SEX AND GRADE: 1970 TO 1985

[Represents full-time white-coller employment. As of Oct. 31]

GRADE 1		1	OTAL (1	(000)			PE	ACENT F	EMALE	
GRADE *	1970	1980	1981	1983 *	1985 2	1970	1980	1981	1983 *	1985
Total employment	1,885	2,006	2,025	2,039	2,156	33.1	38.6	45.6	* 46.2	* 47.4
General Schedule and equivalent pay system Grades 1-6 (\$9,339-\$20,855). Grades 7-10 (\$17,824-\$31,211). Grades 11-12 (\$28,381-\$41,105). Grades 13-15 (\$37,599-\$67,940). Grades 18-18 (\$51,296-\$84,157)* Postal pay system * Other pay system.	1,259 521 302 264 164 8 521 105	1,473 561 357 335 217 3 504 29	1,481 563 359 343 215 1 512 32	1,484 541 360 362 220 1 516 39	1,561 563 377 388 231 1 553 42	40.3 72.2 33.4 9.5 3.0 1.4 (NA) 45.7	45.1 74.1 46.3 19.3 8.2 4.4 26.8 35.5	45.9 74.1 47.6 20.8 9.2 6.4 28.3 33.3	46.5 74.6 48.8 24.2 10.3 5.8 30.4 36.1	47.7 74.5 60.3 27.5 12.1 6.1 33.2 37.0

NA Not available.

1 Pay ranges shown for General Schedule grades are as of January 1, 1995.

1994 not collected.

2 Excludes U.S. Postal Service, and other systems not shown separately.

3 Beginning 1990, change in number reflects shift of senior level employees to Senior Executive Service.

3 Source: U.S. Postal Service, Melional Physiol Hours, 1998.

No. 501. PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY AGENCY: 1970 TO 1986

[As of end of fiscal year; see text, section 9. See headnote, table 494. Includes U.S. outlying areas and foreign countries. See also Historical Statistics, Colonial Times to 1970, series Y 308-317]

Lagislative branch	21,500 30,715 6,687 64,307 4,742 12,572 16,012 57,674 (MA) 93,784 (X) (X) 08,044 (MA) 15,190 73,381 39,257	2,868,944 38,531 10,399 2,848,014 1,918 1,738,872 120,999 38,228 (MA) 1,041,829 (X) 147,125 (MA) 17,161 60,196	2,875,866 39,710 15,178 2,820,978 1,896 1,716,970 129,139 3 46,563 2 19,925 980,116 7,364 21,557 155,682 84,272 16,984	2,824,768 38,791 15,962 2,770,285 1,596 1,891,337 121,175 34,451 7,896 869,633 5,692 17,945 147,791 74,903	2,876,363 39,143 10,626 2,820,494 1,621 1,739,153 123,967 6,461 1,026,481 1,026,481 1,229 147,162 88,052	2,834,256 38,832 17,247 2,878,176 1,596 1,753,336 118,809 35,271 8,270 1,043,784 5,343 16,976 144,240 64,832	38,784 18,225 2,983,542 1,526 1,789,270 117,750 36,150 8,633 1,084,549 18,749 140,151 82,987	38,490 18,966 2,966,773 1,462 1,761,644 112,147 34,397 4,554 10,687,974 4,554 11,843
Judicial branch   Essoutive branch   2,86   Essoutive branch   2,86   Essoutive Office of the President   1,81   Agriculture   1,16   Agriculture   1,16   Essoutive departments   1,81   Agriculture   1,16   Education   1,16   Education   1,16   Energy	6,667 84,307 4,742 12,572 16,012 57,674 (MA) 93,784 (X) 08,044 (MA) 15,190 73,361	10,399 2,848,014 1,918 1,738,872 120,999 38,228 (MA) 1,041,829 (X) 147,125 (MA) 17,161	15,176 2,820,978 1,896 1,716,970 129,139 46,563 19,925 980,116 7,364 21,557 155,662 84,272 16,964	15,982 2,770,285 1,596 1,891,337 121,175 34,451 7,896 809,633 5,892 17,945 147,791 74,903	16,626 2,620,494 1,621 1,739,153 123,967 35,576 6,461 1,026,481 5,286 17,229 147,162 86,052	17,247 2,878,178 1,595 1,753,336 118,809 35,271 8,270 1,043,784 5,343 16,976 144,240 64,932	18,225 2,983,542 1,526 1,789,270 117,750 35,150 8,633 1,084,549 4,999 18,749 140,151 82,967	18,966 2,966,773 1,492 1,761,644 113,147 34,297 8,539 1,067,974 4,554 16,657 133,842 77,823
Essoutive Office of the President Essoutive Office of the President Essoutive Office of the President Agriculture 11 Commerce 11 Commerce 11 Commerce 11 Census Bureau Detense 11 Education 4 Energy 8 Health and Human Services 4 Social Security Admin. Housing and Urban Development 11 Justice 1 Labor State Treasportation 17 Treasportatio	84,307 4,742 12,572 16,012 57,674 (HA) 93,784 (X) 08,044 (MA) 15,190 73,381	2,646,014 1,918 1,738,672 120,999 36,228 (NA) 1,041,829 (X) (X) 147,125 (NA) 17,161	2,820,978 1,896 1,716,970 129,139 3 48,583 3 19,925 980,116 7,384 21,557 155,682 84,272 16,964	2,770,285 1,596 1,891,337 121,175 34,451 7,898 869,633 5,692 17,945 147,791 74,903	2,820,494 1,821 1,739,153 123,967 35,576 6,461 1,028,481 5,286 17,229 147,162 88,052	2,878,176 1,595 1,753,338 118,809 35,271 8,270 1,043,784 5,343 16,978 144,240 64,832	2,983,542 1,526 1,789,270 117,750 36,150 8,633 1,084,549 4,999 18,749 140,151 82,987	2,966,773 1,492 1,761,644 113,147 34,297 8,539 1,057,974 4,554 16,657
Executive Office of the President	4,742 12,572 16,012 57,674 (MA) 83,784 (X) (X) 08,044 (NA) 15,190 73,361	1,918 1,736,872 120,999 36,228 (MA) 1,041,829 (X) (X) (X) 147,125 (MA)	1,898 1,716,970 129,139 3 48,563 19,925 980,116 7,364 21,557 155,862 84,272 16,964	1,596 1,891,337 121,175 34,451 7,896 869,633 5,892 17,945 147,791 74,903	1,621 1,739,153 123,967 35,576 6,461 1,026,481 5,286 17,229 147,162 86,052	1,596 1,753,336 118,809 35,271 8,270 1,043,764 5,343 16,976 144,240 64,932	1,526 1,789,270 117,750 35,150 8,633 1,084,549 4,999 18,749 140,151 82,967	1,462 1,761,644 113,147 34,297 8,539 1,067,974 4,554 16,657 133,842 77,823
dent.  Esscutive departments	12,572 16,012 57,674 (MA) 93,784 (X) (X) 08,044 (MA) 15,190 73,361	1,738,872 120,999 38,228 (NA) 1,041,829 (X) (X) (X) 147,125 (NA) 17,161	1,716,970 129,139 3 48,563 119,925 980,116 7,384 21,557 155,682 84,272 16,964	1,891,337 121,175 34,451 7,896 809,633 5,692 17,945 147,791 74,903	1,739,153 123,967 35,576 6,461 1,028,481 5,288 17,229 147,162 86,052	1,753,336 118,809 35,271 8,270 1,043,764 5,343 16,976 144,240 64,932	1,789,270 117,750 35,150 8,633 1,084,549 4,999 18,749 140,151 82,967	1,761,844 113,147 34,297 8,539 1,067,974 4,554 16,057
dent.  Esscutive departments	12,572 16,012 57,674 (MA) 93,784 (X) (X) 08,044 (MA) 15,190 73,361	1,738,872 120,999 38,228 (NA) 1,041,829 (X) (X) (X) 147,125 (NA) 17,161	1,716,970 129,139 3 48,563 119,925 980,116 7,384 21,557 155,682 84,272 16,964	1,891,337 121,175 34,451 7,896 809,633 5,692 17,945 147,791 74,903	1,739,153 123,967 35,576 6,461 1,028,481 5,288 17,229 147,162 86,052	1,753,336 118,809 35,271 8,270 1,043,764 5,343 16,976 144,240 64,932	1,789,270 117,750 35,150 8,633 1,084,549 4,999 18,749 140,151 82,967	1,761,844 113,147 34,297 8,539 1,067,974 4,554 16,057
Agriculture 11 Commerce 2 Cereus Buresu 1,16 Education 4 Energy 8 Health and Human Services 4 Social Security Admin Housing and Urban Development 9 Interfor Justice Labor 9 State 7 Treasury Internal Revenue Service	16,012 57,674 (NA) 93,784 (X) (X) 08,044 (NA) 15,190 73,361	120,999 38,228 (NA) 1,041,829 (X) (X) 147,125 (NA) 17,161	129,139 * 48,563 * 19,925 900,116 7,364 21,557 155,662 84,272 16,964	121,175 34,451 7,896 869,633 5,692 17,945 147,791 74,903	123,987 35,576 6,461 1,028,481 5,268 17,229 147,162 86,052	118,809 35,271 8,270 1,043,764 5,343 16,976 144,240 64,932	117,750 35,150 8,633 1,084,549 4,999 18,749 140,151 82,967	113,147 34,297 8,539 1,067,974 4,564 16,867 133,842 77,823
Agriculture 11 Commerce 2 Cereus Buresu 1,16 Education 4 Energy 8 Health and Human Services 4 Social Security Admin Housing and Urban Development 4 Interfor Justice Labor 9 State 7 Tressury 1 Internal Revenue Service	16,012 57,674 (NA) 93,784 (X) (X) 08,044 (NA) 15,190 73,361	120,999 38,228 (NA) 1,041,829 (X) (X) 147,125 (NA) 17,161	129,139 * 48,563 * 19,925 900,116 7,364 21,557 155,662 84,272 16,964	121,175 34,451 7,896 869,633 5,692 17,945 147,791 74,903	123,987 35,576 6,461 1,028,481 5,268 17,229 147,162 86,052	118,809 35,271 8,270 1,043,764 5,343 16,976 144,240 64,932	117,750 35,150 8,633 1,084,549 4,999 18,749 140,151 82,967	113,147 34,297 8,536 1,067,974 4,564 16,667 133,842 77,823
Commerce a general Survey and Sur	57,674 (MA) 93,784 (X) (X) 06,044 (MA) 15,190 73,361	36,228 (NA) 1,041,829 (X) (X) 147,125 (NA) 17,161	* 48,583 * 19,925 980,116 7,364 21,557 155,662 84,272 16,964	34,451 7,896 869,633 5,692 17,945 147,791 74,903	36,576 6,461 1,026,481 5,266 17,229 147,162 86,052	35,271 8,270 1,043,784 5,343 16,976 144,240 64,932	35,150 8,633 1,084,549 4,999 18,749 140,151 82,967	34,307 8,539 1,067,974 4,554 16,657 133,842 77,823
Census Bureau  Defense  Education * Energy * Heath and Human Services * Social Security Admin Housing and Urban Development * Interfor Justice Labor State Transportation Treasury Internal Revenue Service	(NA) 93,784 (X) (X) 06,044 (NA) 15,190 73,361	1,041,829 (X) (X) (X) 147,125 (NA) 17,161	19,925 980,116 7,384 21,557 155,862 84,272 16,964	7,896 869,633 5,692 17,945 147,791 74,903	6,461 1,026,481 5,266 17,229 147,162 86,052	8,270 1,043,764 5,343 16,976 144,240 64,932	8,633 1,084,549 4,999 18,749 140,151 82,987	8,539 1,067,974 4,554 16,657 133,842 77,823
Deferace 1,16 Education *	93,784 (X) (X) 08,044 (NA) 15,190 73,381	1,041,829 (X) (X) (X) 147,125 (NA) 17,161	960,116 7,364 21,557 155,662 84,272 16,964	969,633 5,692 17,945 147,791 74,903	1,026,481 5,288 17,229 147,162 86,052	1,043,764 5,343 16,976 144,240 64,932	1,084,549 4,999 18,749 140,151 82,967	1,067,974 4,564 16,667 133,842 77,823
Education *	(X) (X) 08,044 (NA) 15,190 73,381	(X) (X) 147,125 (NA) 17,161	7,384 21,557 155,882 84,272 16,984	5,692 17,945 147,791 74,903	5,288 17,229 147,162 86,052	5,343 16,976 144,240 64,932	4,999 18,749 140,151 82,967	4,554 16,657 133,842 77,823
Energy * Health and Human Services * Social Security Admin	08,044 (NA) 15,190 73,361	147,125 (NA) 17,161	21,557 155,662 84,272 16,964	17,945 147,791 74,903	17,229 147,162 86,062	16,976 144,240 64,932	18,749 140,151 82,967	16,667 133,842 77,823
loss 4 10 Social Security Admin Housing and Urban Development 4 11 Interior Justice Labor State Transportation 17 Tressury 18 Internal Revenue Service 11	08,044 (NA) 15,190 73,361	147,125 (NA) 17,161	155,862 84,272 16,964	147,791 74,903	147,162 86,052	144,240 64, <b>9</b> 32	140,151 82,967	133,842 77,823
loss 4 10 Social Security Admin Housing and Urban Development 4 11 Interior Justice Labor State Transportation 17 Tressury 18 Internal Revenue Service 11	(NA) 15,190 73,361	(NA) 17,161	84,272 16,964	74,903	86,062	64,932	82,987	77,823
Social Security Admin	(NA) 15,190 73,361	(NA) 17,161	84,272 16,964	74,903	86,062	64,932	82,987	77,823
Housing and Urban Development 6 Interior Justice Labor State Transportation Treasury Internal Revenue Service	15,190 73,361	17,161	16,964	1	1	1		
Justice Labor State Transportation Treasury Internal Revenue Service	73,361			44000			1	11 649
Interfor Justice Labor State Transportation Treasury Internal Revenue Service	73,361							
Justice Labor State Transportation Treasury Internal Revenue Service				14,279	12,996	12,393	12,269	
State State Transportation Tressury Internal Revenue Service	39.257		77,357	78,869	79,582	78,661	77,486	73,980
State		51,541	56,327	57,094	58,999	61,399	64,433	65,529
Transportation	10,991	14,834	23,400	19,248	19,083	16,320	18,260	17,487
Internal Revenue Service	39,753	30,376	23,497	24,120	23,961	24,706	25,254	25,326
Internal Revenue Service	85,985	75,035	72,361	62,392	62,959	62,781	62,227	61,261
	92,521	121,546	124,663	118,648	126,020	130,654	130,094	135,626
Independent spender 7	(NA)	(NA)	85,981	63,835	89,867	94,642	94,998	100,480
Independent agencies: 7 Environmental Protection		ł	1		ľ		ł	1
Agency	(x)	10,772	14,715	12.273	11,931	13,048	13,788	14,021
National Aeronautics and					1	10,010		,
Space Administration	32,548	26,447	23,714	22.563	22,784	22,085	22,562	22.244
Office of Personnel	,-	1,						
Management *	5,596	8,157	8,280	6.563	6.369	6,563	6.353	5,929
Management * Railroad Retirement Board	1.734	1.961	1.795	1,558	1,565	1.578	1,081	1,601
Small Business Administra-	.,. •	',55'	1,,,20	1	"	1	,	
tion	4.269	4,796	5,804	4.975	5,100	5,083	4,980	4.906
Tennessee Valley Authority	22.244	28,423	51.714	39,960	37,181	33,589	32,036	30.564
Veterans Administration		213,143					247.156	240,423

NA Not available. X Not applicable. <sup>1</sup> Excludes agencies not shown separately. <sup>2</sup> Includes other agencies not shown separately. <sup>3</sup> Includes 24.278 enumerators in 1970 census, and 4,975 enumerators in the 1980 census. <sup>4</sup> Dept. of Education established Sept. 1979, formerly included with Health and Human Services. <sup>8</sup> Dept. of Energy established Oct. 1, 1977. <sup>9</sup> Includes Housing and Home Finance Agency. <sup>7</sup> See table 502 for a more complete list of independent agencies. <sup>8</sup> Formerly Civil Service Commission.

Source: U.S. Office of Personnel Management, Monthly Release of Federal Civilian Work Force Statistics.

Source: Except as noted, U.S. Office of Personnel Management, Occupations of Federal White-Coller and Blue-Coller Workers, blennial, and The Pay Structure of the Federal Civil Service, annual.

### No. 502. PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY AGENCY, ALL AREAS, SUMMARY: 1980 AND 1986

[As of Sept. 30, See headnote, table 498, includes U.S. outlying areas and foreign countries, See also Historical Statistics, Colonial Times to 1970, series Y 308–317]

AGENCY	1980	1986	AGENCY	1980	1986
All agencies	2,875,866	3,022,189	Independent agencies	1,101,089	1,203,597
Percent Dept. of Defense	33.4	35.3	ACTION 6	1,837	483
Percent Postal Service	23.0	26.2	Board of Governors, Federal	1,007	400
Percent Postal Service	23.0	20.2	Reserve System	1,498	1.520
Legislative branch	39,710	36,490	Environmental Protection Agency	14,715	14,021
Congress	19.096	2 18.368	Equal Employment Opportunity	1.46.70	1.5,02
United States Senate		6,953	Commission	3.515	3.035
U.S. House of Representatives	11,901	11,403	Farm Credit Administration	271	517
Architect of the Capitol	2,168	2.065	Federal Communications Comm	2.244	1.806
General Accounting Office	5,488	5,162	Federal Deposit Insurance Corp	3,520	8,708
Government Printing Office	6.767	5.264	Federal Emergency Mgmt. Agency	3.427	2.526
Library of Congress	5,527	4,809	Federal Home Loan Bank Board	1,470	812
		822	Federal Trade Commission	1,846	1.079
All other	664	822	General Services Administration	37.654	23,057
			International Trade Commission	424	496
Judicial branch	15,178	18,966	Interstate Commerce Commission	1,998	745
United States Courts	14,847	18,639	Merit System Protection Board	435	394
Supreme Court	331	327	National Aeronautics and Space	400	304
A	4 544 144		Administration	23,714	22.244
Executive branch 4	2,820,978	2,966,773	Nat'l Archives and Records Admin-	20,11	
Executive Office of the President	1.886	1,492	istration 6	(x)	3,164
White House Office	406	358	National Credit Union Administra-	1.0	487
Office of Management and Budget	616	535	tion	726	667
Council of Economic Advisers	35	32	National Labor Relations Board	2.936	2.324
	49	9	National Science Foundation	1,394	1,180
Council on Environmental Quality	69		Nuclear Regulatory Commission	3.283	3,521
National Security Council		65	Office of Personnel Management	8,280	5,929
All other	711	493	Panama Canal Commission		8.350
The second secon			Peace Corps 3		1,023
Executive departments	1,716,970	1,761,644	Pension Benefit Guaranty Corp	463	483
Agriculture	129,139	113,147	Railroad Retirement Board		1,601
Commerce	48,563	34,397	Securities and Exchange Comm		1,934
Census	19,925	8,539	Selective Service System		296
Defense	960,116	1,067,974	Small Business Administration	5.804	4.906
Education	7,364	4,554	Smithsonian Institution		4,795
Energy	21,557	16,657	Soldiers' and Airmen's Home		1.056
Health and Human Services	155,662	133,842	Tennessee Valley Authority		30,564
Housing and Urban Development 4	16.964	11.843	U.S. Information Agency		9.078
Interior	77.357	73,980	U.S. International Development	3,100	0,010
Justice	56,327	65,529	Cooperation Agency	6,152	4,799
Labor	23,400	17,487	U.S. Postal Service	660.014	790.960
State	23,497	25,325	Veterans Administration	228,285	240,423
Transportation	72.361	61,281	All other	7.287	5,101
Treasury	124,663	135,628	Cit Alles	1,201	2,101

Excludes agencies not shown separately.
 \*\*Includes Commission on Security and Cooperation in Europe, not shown separately.
 \*\*Includes agencies not shown separately.
 \*\*Includes Housing and Home Finance Agency.
 \*\*Peace Corps was per of ACTION in 1980; Peace Corps re-established Dec. 29, 1981.
 \*\*Agency became independent from General Services Administration in 1985.

Source: U.S. Office of Personnel Management, Monthly Release of Federal Civilian Workforce Statistics.

#### NO. 503. FEDERAL GOVERNMENT EMPLOYMENT, BY RACE AND HISPANIC ORIGIN, AND BY PAY SYSTEM: 1982 AND 1985

[As of Sept. 30, Covers total employment for only Executive Branch agencies participating in OPM's central personnel data file.

Excludes foreign nationals abroad and U.S. Postal Service]

L		1962				11	186, oct	•			
		Minorit	y groups			Minority groups					
Total employ- ees (1,000)	Total <sup>1</sup> (1,000)	Per- cent of total	Black, non- His- panic (1,000)	His- panic (1,000)	Total employ- ees (1,000)	Total <sup>1</sup> (1,000)	Per- cent of total	Black, non- His- penic (1,000)	His- penic (1,000		
2,008.6	484.0	24.1	311.1	90.0	2,087.7	534.5	25.6	338.4	102		
. 303.6	336.2 101.9	22.3 33.6	222.0 71.0	59.0 16.1	1,578.7 299.3	382.1 111.5	24.2 37.3	248.7 78.4	69.1 18.0		
530.0	87.6	16.5	50.1	18.7	572.7	104.9	18.3	59.3	23.		
7.8 414.0	.6 134.6	7.2 32.5	.3 83.5	.1 28.0	7.7 422.6	.5 1 <b>39</b> .5	6.5 33.0	.3 84.5	30.		
	employ- ees (1,000) 2,008.6 1,508.3 303.6 484.9 530.0 209.8 7.8	employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- employ- 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<sup>&</sup>lt;sup>1</sup> Includes American Indians, Alaska natives, Asians, and Pacific Islanders, not shown separately. <sup>2</sup> Due to the Inclusion of unspacified employee records, the pay systems listed do not add to the total. <sup>3</sup> Pay rates as of January 1985 for general achacute. Each grade (except Executive) includes several salary steps. Range is from lowest to highest step of grades shown. <sup>4</sup> Includes white-coller employment in other than General Schedule and Equivalent or Executive pay plans.

Source: U.S. Office of Personnel Management, 1982 Affirmative Employment Statistics; biennial, and unpublished data.

#### No. 504. FEDERAL LAND AND BUILDINGS OWNED AND LEASED: 1960 TO 1965

[For fiscal years ending in year shown; see text, section 9. Covers Federal real property throughout the world, except as noted.

Totals include data not shown separately. For data on Federal land by State, see table 322]

ITEM AND AGENCY	Unit	1996	1970	1975	1996	1996	1902	1984	1996
Federally owned: Land, total	MIL acres MIL acres MIL acres	772 1 <b>66</b> 30 553	762 167 31 540	761 166 31 536	720 184 30 502	730 193 23 511	732 193 29 507	727 189 24 500	727 189 29 500
Buildings, number <sup>1</sup>		413	418 319 34	405 312 30	403 301 34	367 292 35	418 321 37	436 323 36	484 354 37
Buildings, floor area <sup>1</sup> Dapt. of Defense <sup>1</sup> General Services Administration Dapt. of the Interior Veterans Administration	Mil. sq. ft Mil. sq. ft Mil. sq. ft	1,929 122 42	2,542 1,857 205 61 110	2,502 1,802 194 58 111	2,522 1,777 202 66 116	2,467 1,707 199 68 117	2,609 1,896 199 72 119	2,725 1,929 204 71 117	2,990 2,065 207 71 119
Coet of lend, buildings, etc.*	81. dol 81. dol 81. dol	53 31 5	79 44 8	91 58 10	107 60 10	117 88 12	132 73 12	147 77 13	145 72 14
Federally leased: Land	MIL acres MIL acres		1.6	1.2 1.0	1.4 1.2	1.4 1.2	1.4 1.1	1.8 1.1	1.3 .5
Buildings, floor area 1	MIL sq. ft MIL sq. ft	97 11	162 7	210 13	214 14	215 14	206 14	203 14	237 13
Rental property, cost			451 63	664 65	1,064 158	1,422 314	1,532 323	1,547 324	1,681 326

<sup>&</sup>lt;sup>1</sup> Excludes data for Dept. of Defense military functions outside United States. <sup>2</sup> See headnote, table 505.
Source: U.S. General Services Administration, Inventory Report on Real Property Owned by the United States Throughout the World, annual, and Inventory Report on Real Property Leased to the United States Throughout the World, annual.

#### No. 505. FEDERALLY OWNED LAND AND COST OF LAND, BY PREDOMINANT USAGE: 1960 TO 1965

[As of end of flocal year; see text, section 9. Covers land in United States only (50 States and DC). Cost of land figures represent total cost of property owned in year shown and exclude unreserved public domain; public domain reserved for neitonal parks, national forests, military installations and other purposes; and historical sites acquired by methods other than by purchase. Properties are reported at actual or estimated cost as of data of acquisition without considering depreciation, obsolescence, or economic changes in value. For data on Federal land by State, see table 322]

YEAR AND AGENCY	Total 1	Forest and wildlife	Grazing	Parks and historic sites	Military, exc. airfields	Flood control, naviga- tion	Recla- mation, irriga- tion	Power develop- ment	Airfields
LAND (mil. acres)				- 41					
1960, total	771.5	513.5	166.7	22.4	18.3	5.5	8.0	1.9	2.0
1965, total	765.8	508.4	165.2	22.8	15.7	6.7	7.8	1.9	20
1970, total	761.3	503.2	163.5	24.6	17.7	7.4	7.5	2.1	1.5
1975, total	760.4	502.3	164.0	25.3	18.1	8.0	7.0	1.5	2.3
1978, lotal	775.2	514.8	162.7	26.7	20.6	8.2	6.1	1.6	1.5
1979, lotal	769.9	472.1	162.5	68.5	18.0	8.3	6.0	1.5	1.5
1980, total	719.5	421.8	162.2	92.6	18.5	8.3	4.8	1.5	100
1981, total	730.8	432.3	161.7	102.2	10.5	8.4	3.8	1.6	1.3
1982, total	729.8	433.3	161.8	100.6	10.6	8.5	3.7	1.5	
1992, total	732.0	434.0	162.1	95.6	16.9	8.3	3.8	1.5	4.6
1983, total	726.6	430.4	153.0	91.4	19.8	8.3	5.9	1.2	1.5
1984, total	727.4	430.6	154.7	94.0	26.0	5.8	5.3	1.0	24
COST OF LAND (mil. dol.)	7	100.0					-	377	
1960	2,956	130	22	142	348	1.063	170	219	195
1965	4,128	237	18	180	298	1,915	224	204	203
1970	5,475	350	26	373	331	2,591	312	251	162
1975	6,872	589	26	618	334	3,381	313	273	199
1978	8,762	789	27	1,047	477	3,914	580	296	133
1979	9.680	900	27	1,417	480	4,104	377	286	146
. A. A. Marian	9,982	975	28	1,560	502	4,331	365	304	123
Indical and interest of a few second statements	10,355	1,121	29	1,823	274	4,504	264	321	240
	10,335	1,211	29	1,907	286	4,696	280	316	194
1982	10,777								206
		1,236	29	2,114	266	4,629	261	323	
1005	12,324	1,223	26 25	2,799	349	4,615	439	306 290	327
1985	12.880	1.349		2,972	399	4.772	387		381

<sup>1</sup> includes other uses not shown separately.

Source: U.S. General Services Administration, Inventory Report on Real Property Owned by the United States Throughout the World, annual.

#### No. 506. Public Lands-Disposal Transactions and Cash Receipts: 1961 to 1986

[For flecal year ending in year shown; see text, section 9. Period figures are totals, not annual averages. See also Historical Statistics, Colonial Times to 1970, series J 10-15 and J 28-32]

ITEM	Unit	1981- 1970, total	1971- 1975, total	1976- 1986, total	1980	1991	1963	1986	1984	1980	1996
Applications, entries, and											
selections allowed 1		17,518	13,078	2 134,014	1,167	1,311		5,350	1,835	1,404	1 4
Alaska	1,000 acres	15,019	12,898	2 133,932	1,160	1,277	10,290	5,146	1,801	1,131	-
Applications, entries, and	4 000		1								
selections approved 1	1,000 acres	4,177	4,704	13,262	175	340	18,121	16,907	4,837	6,491	663 595
Alaska Patents and certificates 1	1,000 80766	2,537	4,270 5,584	13,013	2,495	321 1,258	17,986 411	16,590	4,250	6,095	3,704
Alaska	1,000 acres	6.050	4,470	14,399	2,443	1.080	191	723	1,449 979	4,217 3,729	
Homesteed entries: 8	1,000 80766	0,000	4,470	13,004	2,443	1,000	ושו	244	9/9	3,729	3,254
Allowed	Mumbar	2,363	211	25		12	3		20		1
Acres	1 000	292	24	3	(z)	14	(z)	l zi	2		1
Approved 4			42	13	4	Ż	72	"	3	2	]
Cash receipts	MIL dol	4,780	16,140	19,715	5,079	11,279	7.980	11,980	7,914	6.939	5,864
Mineral leases	Mil. dol	1.094	954	2.133	618	739	1,169	900	1,005	1,166	904
Outer Continental Shelf			ŀ			i		l	1		1
leases *			14,462	15,972	4,101	10,138	6,250	10,482	6,864	5,542	4,716
Timber sales	Mil. dol	479	485	1,063	216	216	87	107	153	138	162
Public land, materials			I			ı		ı			l
sales	Mil. dol		28	29	8	5	4	12	14	12	14
Fees and commissions	Mil. dol		47	152	29	44	1 .4	2	2	2	1
Miscellaneous *	Mil. dol	214	155	355	106	138	366	181	48	76	00

Represents zero. Z Less than 500 acres. ¹ Covers homestead, desert land, and mineral entries, public auction sales, Indian and State selections; and other disposal transactions; excludes indian les and release trusts and oursilive and supplemental patents. ² includes entries under the Alsaka Native Claims Act of Dec. 18, 1971. ² Excludes coeded indian lands. ⁴ Excludes commuted homesteads. ² Souros: Minerals Management Service, Mineral Revenues, ennual. ² Includes grazing revenues, rental of land, oil and gas pipeline right-of-way rentals (as of fiscal year 1684), and other miscellaneous revenue. Souros: Except as noted, U.S. Burseu of Land Management, Public Land Statistics, annual.

#### No. 507. Public Lands-Leases. Permits. and Licenses. by Class: 1960 to 1966

[As of end of flecal year except as noted; see text, section 9. Excludes lesses on acquired, submerged, and military lands. Excludes community pit and mineral material free use permits. See Historical Statistics, Colonial Times to 1870, series J 41-42, for oil and gas lesses]

			MINERA	L CLASS				GRAZ	ING 4
YEAR	Carr		Leas	es	-	Per-	100	-	
	Total	Total	Oil and gas 1	Coal a	Other	mits 3	censes	Leases 5	Permits 1
Number:						4		100	
1960	142,114	140,057	139,534	294	229	2,035	22	9,911	18,976
1965		101.086	100.339	379	368	763	14	8,912	18,712
1970		100,010	99,038	525	447	583	5	8,559	16,627
1975	104,075	103,762	102,815	529	418	309	4	7,785	15,480
1977	104,377	104,079	102,130	523	1,426	294	4	7,792	15,099
1978	105,284	105,088	102,984	524	1,580	183	13	9,884	14,925
1979		107.014	104.769	535	1,710	139	23	7,773	14,676
1980		105,963	103,571	522	1,870	132	30	7,700	14,741
1981	111.842	111,645	109,041	562	2.042	157	40	7.621	14,628
1982	118,589	118,365	115,389	607	2.369	149	75	7.837	12.956
1983	1 133,337	132,861	129,881	611	2,369	149	75	7.688	12.956
1984	1 118,254	117,849	115,382	450	2.017	348	57	7,550	13.053
1985	119,419	119,101	116,985	625	1,491	316	2	7,387	12.493
1986	105,513	105,226	102.885	605	1.736	246	41	7,218	12.394
Acreage (1,000):	100,010	100,000		1000	19.29	C 7 17	1.0		
1960	118,157	114,136	113,667	199	270	4.020	1	18.532	(NA
1965	66,267	64,955	64,148	374	433	1.311	1	18,057	INA
1970		64,323	63,030	764	529	1,051	(Z)	18,262	INA
1975		81,885	80,621	780	485	733	(z)	17,144	(NA
1977		86,275	83,319	791	2.164	626	2	16.387	INA
1978		89,823	86.585	790	2.447	334	45	24,705	INA
1979		96,109	92,642	798	2,669	299	74	17,534	(NA
1980		100,198	96,503	786	2,909	278	109	17,028	(NA
1981		116,777	112,729	833	3.215	337	143	17,180	INA
1982	151,743	151,193	146,502	910	3,781	189	361	17,488	157,57
1983	7 163,330	162,506	157,814	911	3,781	189	361	16.866	157.57
1984		135,827	131,655	705	3,457	263	233	18,375	156.868
1985	124,463	124.095	120,687	934	2.474	356	12	16,492	148.96
1986	96.717	96,236	92,731	901	2,604	340	141	16,232	147,14

NA Not available. Z Less than 500 acres. ¹For data on Outer Continental Shelf, see section 26. ² includes competitive, noncompetitive, preference right, and exchange lesses as of fiscal year 1985. ² Does not include free-use parellife for disposition of mineral materials (send and gravel, top soil, quarry rock, etc.). ² 1990-1977 as of Dec. 31. 1978-1982, as of Feb. 28 of following year. Beginning 1983, as of Sept. 30. ² Lands outside grazing districts, which are owned, lessed, or otherwise controlled by the United States and administered by the Bureau of Land Management and which are subject to leasing for grazing purposes. ² Licenses and permits within grazing districts. ² Includes miscellaneous nonenergy lesses, permits, and states on acquired, military, and other Federal lends not separable by type.

\*\*Source: U.S. Bureau of Land Management, Public Land Statistics, annual.\*\*



Section 11

### Nationai Defense and Veterans Affairs

This section presents data on national defense and its human and financial costs; active and reserve military personnel; ships, equipment and aircraft; and federally sponsored programs and benefits for veterans. The principal sources of these data are the annual Selected Manpower Statistics issued by the Office of the Secretary of Defense; Annual Report of Administrator of Veterans Affairs, Veterans Administration, and The Budget of the United States Government, Office of Management and Budget. For more data on expenditures, personnel, and ships, see section 31.

Department of Defense (DOD).—The Department of Defense is responsible for providing the military forces of the United States. It includes the Office of the Secretary of Defense, the Organization of the Joint Chiefs of Staff, the Army, Navy, Air Force, and the defense agencies. The President serves as Commander in Chief of the Armed Forces; from him, the authority flows to the Secretary of Defense and through the Joint Chiefs of Staff to the commanders of unified and specified commands (e.g., Strategic Air Command).

Reserve components.—Reserve personnel of the Armed Forces consist of the Army National Guard, Army Reserve, Naval Reserve, Marine Corps Reserve, Air National Guard, Air Force Reserve, and Coast Guard Reserve. They provide trained personnel available for active duty in the Armed Forces in time of war or national emergency and at such other times as authorized by law.

The National Guard has dual Federal-State responsibilities and uses jointly provided equipment, facilities, and budget support. In peacetime, the National Guard is State-administered, and trained under the authority of the State Governors. The President is empowered to mobilize the National Guard and to use such of the Armed Forces as he considers necessary to enforce Federal authority in any State.

The ready reserve includes selected reservists who are intended to assist active forces in a war and the individual ready reserve who, in a major war, would be used to fill out active and reserve units and later would be a source of combat replacements; a portion of the ready reserve serves in an active status. The standby reserve cannot be called to active duty unless the Congress gives explicit approval. The retired reserve represents a low potential for mobilization.

Veterans Administration.—The Veterans Administration (VA) administers laws authorizing benefits for eligible former and present members of the Armed Forces, and for the beneficiaries of deceased members. Veterans benefits available under various acts of Congress include: Compensation for service-connected disability or death; pensions for nonservice-connected disability or death; vocational rehabilitation, education, and training; home loan insurance; life insurance; health care; special housing and automobiles or other conveyances for certain disabled veterans; burial and plot allowances; and educational assistance to families of deceased or totally disabled veterans, servicemen missing in action, or prisoners of war. Since these benefits are legislated by Congress, the dates they were enacted and the dates they apply to veterans may be different from the actual dates the conflicts occurred.

VA estimates of veterans cover all persons with active duty service during periods of war or armed conflict and until 1982 include those living outside the United States. Veteran population estimates for September 1982 are for the 50 States, the District of Columbia and Puerto Rico. Veterans whose active duty service was entirely during periods of peacetime are eligible for some veterans benefits and, where appropriate, are included in VA estimates.

Historical statistics.—Tabular headnotes provide cross- references, where applicable, to Historical Statistics of the United States, Colonial Times to 1970. See Appendix IV.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in State amd Metropolitan Area Data Book 1986. For cross-references, see Appendix V.

#### No. 506. NATIONAL DEFENSE OUTLAYS AND VETERANS BENEFITS: 1960 TO 1967

[For flexel year ending in year shown; see text, section 9. Includes outlays of Department of Defense, Veterans Administration, and other agencies for activities primarily related to national defense and veterans programs. For explanation of average annual percent change, see Guide to Tabular Presentation. Minus sign (-) indicates decline. See Historical Statistics, Colonial Times to 1970, series 7 472-473 and 7 476, for related data)

	NATION		SE AND VI	ETERANS	ANNU	AL PERC	ENT CHAN	GE <sup>1</sup>	OUT	ENSE LAYS,
			lenee Heys		Total outlays		enee lays			CENT F—
YEAR	Total out- lays (bil. doi.)	Cur- rent doi- lers (bil. doi.)	Constant (1982) dollars (bil. dol.)	Veter- ans outlays (bil. dol.)	Current dollars	Cur- rent dol- lers	Con- stant (1982) dollars	Veter- ans out- lays	Fed- eral out- lays	Gross ne- tional prod- uct <sup>2</sup>
1980	58.9 60.4	48.1 52.3 53.4 54.8 50.6	192.1 202.2 197.1 198.8 181.4	5.4 5.6 5.5 5.7 5.7	2.5 4.0 1.7 2.7 -6.9	2.4 4.3 2.0 2.5 -7.6	-1.9 2.6 -2.5 .9 -8.8	3.1 1.7 -1.9 2.9	52.2 49.0 48.0 46.2 42.8	9.5 9.4 9.1 8.7 7.5
1986	64.0 78.2 89.0 90.1	58.1 71.4 81.9 82.5 81.7	197.9 235.1 254.8 243.4 225.6	5.9 6.7 7.0 7.6 8.7	13.7 22.3 13.4 1.5	14.8 22.9 14.7 7 -1.0	9.1 18.8 8.4 -4.5 -7.3	3.5 13.8 4.4 8.5 13.6	43.2 45.4 48.0 44.9 41.8	7.9 9.0 9.6 8.9 8.3
1971	89.9 68.7 92.7 103.1	78.9 79.2 76.7 79.3 66.5	202.7 190.9 175.1 163.3 159.8	9.8 10.7 12.0 13.4 16.6	-1.9 1.4 1.3 4.5 11.2	-3.5 .4 -3.1 3.5 9.0	-10.2 -5.8 -8.3 -6.7 -2.1	12.7 9.8 12.0 11.4 24.0	37.5 34.3 31.2 29.5 26.0	7.5 6.9 6.0 5.6 5.7
1976, TO <sup>2</sup> 1977, 1978.	26.2 115.3 123.5	89.6 22.3 97.2 104.5 116.3	153.6 37.1 154.3 155.0 159.1	18.4 4.0 18.0 19.0 19.9	4.8 (X) 6.7 7.2 10.3	3.8 (x) 8.5 7.5 11.3	-3.9 (x) .5 .5 2.6	11.0 (x) -2.1 5.2 5.0	24.1 23.2 23.8 22.8 23.1	5.3 5.0 5.0 4.8 4.8
1980	180.5 209.3 234.7	134.0 157.5 185.3 209.9 227.4	164.0 171.4 185.3 201.3 211.5	21.2 23.0 24.0 24.8 25.6	14.0 16.3 16.0 12.1 7.8	15.2 17.5 17.6 13.3 8.3	3.1 4.5 8.1 8.6 5.1	6.3 8.5 4.2 3.7 3.1	22.7 23.2 24.9 26.0 26.7	5.0 5.3 5.9 6.3 6.2
1985		252.7 273.4 282.2	228.7 242.1 242.6	28.3 26.4 28.7	10.3 7.4 3.0	11.1 8.2 3.2	8.1 5.9 .2	2.6 .2 1.2	26.7 27.6 27.6	6.4 6.6 6.4

X Not applicable. <sup>1</sup> Change from prior year shown; for 1980, change from 1955. <sup>8</sup> Represents fiscal year GNP; for definition, see text, section 14. <sup>8</sup> Transition quarter, July-Sept.

Source: U.S. Office of Management and Budget, Historical Tables, Budget of the United States Government, 1988.

### No. 509. FEDERAL BUDGET OUTLAYS FOR NATIONAL DEFENSE FUNCTIONS: 1970 TO 1967

[in billions of dollars, except percent. For fiscal year ending in year shown; see text, section 9. Minus sign (-) indicates decline. See Historical Statistics, Colonial Times to 1970, series Y 473, for total]

DEFENSE FUNCTION	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987 est.
Total	81.7 10.1	86.5 9.0	97.2 8.5	104.5 7.5	116.3	134.0 15.2	157.5 17.6	185.3 17.6	209.9 13.3	227.4 8.3	252.7 11.1	273.4 8.2	282.2 3.2
Defense Dept., military	80.2	85.9	95.3	102.3	113.7	131.0	153.8	180.7	204.4	220.8	245.4	265.6	274.2
	29.0	32.2	33.7	35.6	37.3	40.9	47.9	55.2	60.9	64.2	67.8	71.5	70.8
	36.2	37.5	35.3	34.7	32.9	31.2	31.2	30.5	29.8	29.1	27.6	26.9	25.8
Operation, maintenance	21.6	26.3	30.6	33.6	36.4	44.8	51.9	59.7	64.9	67.4	72.3	75.3	76.7
	21.6	16.0	18.2	20.0	25.4	29.0	35.2	43.3	53.6	61.9	70.4	76.5	82.7
Research and development	7.2	8.9	9.8	10.5	11.2	13.1	15,3	17.7	20.6	23.1	27.1	32.3	34.2
	1.2	1.5	1.9	1.9	2.1	2.5	2,5	2.9	3.5	3.7	4.3	5.1	5.0
	.6	1.1	1.4	1.4	1.5	1.7	1,7	2.0	2.1	2.4	2.6	2.8	2.8
	-1.0	1	2	6	-,2	-1.0	-,6	(-z)	-1.2	-1.8	.8	2.2	2.1
Atomic energy activities <sup>3</sup> Defense-related activities <sup>4</sup>	1.4	1.5	1.9 (-Z)	2.1	2.5	2.9	3.4	4.3	5.2	6.1	7.1	7.4	7.4

Z Less than \$50 million. 

Change from immediate prior year; for 1970, change from 1985.

Revolving and management funds, trust funds, special foreign currency program, allowances, and offsetting receipts.

Defense activities only.

A includes civil defense activities.

Source: U.S. Office of Management and Budget, Historical Tables, Budget of the United States Government, 1888.

## No. 510. DEPARTMENT OF DEFENSE—FUNDS AVAILABLE AND OUTLAYS: 1970 TO 1967 [In billions of dollars, except percent. For floori year ending in year shown, except as noted; see text, section 9. See \*\*Historical Statistics, Colonial Times to 1970, series Y 458-460 for outlaye]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987 est.
Funds available Budget authority Military 1 Civil	90.5 75.4 74.2 1.2	102.9 87.6 85.8 1.8	131.5 110.2 108.1 2.1	137.5 117.2 114.6 2.6	148.2 126.5 123.7 2.8			243.4 216.5 211.6 5.0	280.0 245.0 238.7 6.4	309.3 265.2 258.2 7.0	346.8 294.7 286.8 7.9	361.1 289.1 281.4 7.8	379.6 292.5 284.5 8.0
Unobligated balance 2	15.1 14.8 .3	15.3 15.1 .2	21.3 21.0 .3	20.3 20.0 .3	21.7 21.3 .4	23,3 23,0 .3	24.6 24.2 .4	26.9 26.5	35.0 34.6 .4	44.1 43.4 .7	52.1 51.6 .5	72.0 61.5 10.5	86.7 50.5 36.2
Outlays (DOD) 5  Percent of funds available  Military  Civil 5	78.3 86.5 77.1 1.2	87.0 84.5 84.9 2.1	97.9 74.2 95.6 2.3	104.5 75.5 102.3 2.1	116.3 77.8 113.7 2.7	134.0 79.2 131.0 3.0	157.5 76.4 153.8 3.7	185.3 78.7 180.7 4.6	209.9 71.6 204.4 5.5	227.4 70.7 220.8 6.6	252.7 68.4 245.4 7.4	273.4 70.8 265.6 7.7	282.3 69.5 274.3 8.6

<sup>&</sup>lt;sup>1</sup> Excluding accruals. <sup>2</sup> Start of year. <sup>3</sup> Includes nondefense civil outlays by other departments. Source: U.S. Office of Management and Budget, *Budget of the United States Government*, annual.

### No. 511. DEPARTMENT OF DEFENSE—MILITARY BUDGET AUTHORITY BY MAJOR MISSION: 1975 TO 1987

[in billions of dollars, except as indicated. For fiscal year ending in year shown; see text, section 9. Detail may not add to total because of revisions to total and not to detail]

MISSION	1975	1979	1980	1981	1982	1983	1984	1985	1986	1987, est.
Total	87.9	123.7	140.7	176,0	211.6	238.7	258.2	286.8	281.4	284.9
General purpose	28.1	47,4 26.4	52.2 29.2	68.8 35.3	88.1 39.6	98.8 42.2	100.7 43.3	118.4 33.6	116.2 33.6	117.2 36.3
Research and development	7.7 6.3	10.9	11.9	14.2	16.9	18.7	21.5	24.4	25.7 26.4	28.0
Strategic forces	7.2	8.0	11.1	12.7	15.3	19.7	26.1	27.4	24.2	21.5
Central supply and maintenance	9.1	13.0	16.0	19.1	21.1	21.6	23.4	26.7	24.4	23.1
Guard and reserve	4.8	6.9	7.9	9.9	10.6	12.1	12.2	15.8	15.6	16.0
Airlift and sealift	.9	1.7	2.1	2.9	4.0	4.3	5.5	8.7	7.6	7.2
Admin. and assoc. activities	2.0	2.3	2.5	3.4	3.6	4.1	4.8	6.1	7.1	6.7
Support of other nations	1.8	.4	.6	,9	.9	.7	./	.6	.5	.,,
PERCENT DISTRIBUTION					10.7				3.4	
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
General purpose	32.0	37.9	36.6	38.6	41.2	41.3	39.0	41.3	41.3	41,1
Training, medical	22.8	21.1	20.5	19.8	18.5	17.6	16.8	11.7	11.9	12.7
Research and development	8.8	8.7	8.3	8.0	7.9	7.8	8.3	8.5	9.1	9.8
Intelligence and communications	7.2	6.4	6.4	6.3	6.5	7.2	7.7	8.8	9.4	9.9
Strategic forces	8.2	6.4	7.8	7.1	7.2	8.2	10.1	9.6	8.6	7.5
Central supply and maintenance	10.4	10.4	11.2	10.7	9.9	9.0	9.1	9.3 5.5	8.7 5.5	8.1 5.6
Guard and reserve	5.5	5.5	5.5	5.5	5.0	1.8	2.1	3.0	2.7	2.5
Admin. and assoc. activities	2.3	1.8	1.5	1.9	1.7	1.7	1.9	2.1	2.5	2.4
Support of other nations	2.0	.3	.4	.5	4	.3	.3	2	.2	.2

Source: U.S. Office of Management and Budget, Budget of the United States Government, annual.

### NO. 512. FEDERAL RESEARCH AND DEVELOPMENT FUNDING FOR NATIONAL DEFENSE: 1980 TO 1987 [In billions of dollars. For flocal year ending in year shown; see text, section 9. Represents budget authority data]

DEFENSE PROGRAMS	1980	1981	1982	1983	1984	1985	1986	1987, est.
Total 1	14.9	18.4	22.1	24.9	29.3	33.7	36.9	40.3
Department of Defense (DOD)—military Research, development, test and evaluation Tactical programs Strategic programs Intelligence and communications Advanced technology development Defensewide mission support Technology base Other DOD military	5.2 2.2	17.1 16.5 6.1 3.4 1.6 .6 2.1 2.6 .6	20.5 19.9 6.9 4.6 2.2 .8 2.5 2.9 .6	23.3 22.6 7.3 5.8 2.7 .8 2.8 3.2 .7	27.3 26.6 7.9 7.9 3.4 1.4 3.0 3.1	31.4 30.9 9.1 8.2 4.0 2.8 3.8 3.1 .6	34.7 33.7 10.3 7.5 4.5 4.1 4.1 3.2 1.0	37.9 36.9 11.0 8.1 4.9 5.4 4.2 3.2
Atomic energy defense activities (DOE) <sup>1,3</sup>	1.1	1.3 .8 .3	1.5 .9 .3	1.6 .9 .3	1.9 1.3 4	2.3 1.5 .4	2.3 1.5 .5	2.4 1.5

Includes other programs not shown separately.
 Pepartment of Energy.
 Source: U.S. National Science Foundation, Federal R&D Funding by Budget Function, enrust.

### No. 513. Defense Purchases, National Income and Product Account (NIPA) Basis: 1980 to 1986

(in billions of dollars, except percent. National defense purchases on a NIPA basis will differ from other published measures of DOD spending, such as budget authority or outleys, because of coverage and timing differences. See source for further detail)

2.22.22.2		C	URRENT	DOLLA	RS			CONS	TANT (1	982) DO	LLARS	
PURCHASES	1980	1982	1983	1984	1985	1986	1980	1982	1983	1984	1985	1986
Total purchases	142.7			235.0			171.2		206.9			250.0
Percent of GNP 1	5.2	6.1	6.3	6.2	6.5	6.6	5.4	6.1	6.3	6.3	6,6	6.8
Durable goods	33.0	49.2	58.1	65.5	74.9	82,5	40.3	49.2	56.1	61.2	70.4	77.2
Military equipment 2	26.8	40.2	48.5	55.5	64.0	70.8	33.0	40.2	46.4	51.2	56.8	63.6
Aircraft	10.9	16.8	20.4	21.8	25.9	31.6	13.6	16.6	19.0	18.5	22.6	26.3
Ships	4.2	6.0	6.9	7.7	8.5	8.7	5.0	6.0	6.7	7.0	7.5	7.6
Missiles	3.8	5.7	7.0	8.5	9.7	12.2	4.7	5.7	6.7	8.1	9.2	11.9
Nondurable goods 2	10.9	13.6	12.6	12.2	12.2	10.9	12.4	13.6	13.5	13.6	13.6	14.6
Bulk petroleum	7.6	9.2	7.6	6.8	6.6	4.3	8.5	9.2	8.6	8.3	8.4	8.5
Ammunition	1.6	2.3	2.7	3.1	3.2	4.0	2.0	2.3	2.6	3.0	2.9	3.8
Services 2	95.7	127.1	138.8	152.4	166.1	177.5	115.3	127.1	132.6	140.0	146.3	152.3
Compensation of employees		84.0	89.6	94.8	101.1	104.6	79.7	84.0	85.6	86.9	88.3	88.8
	43.5	56.6	60.2	63.5	67.8	70.4	53.8	56.6	57.6	58.6	59.5	59.7
										30.0		5.9
Structures	3.1	3.9	4.8	5.0	6.1	6.8	3.3	3.9	4.8	4./	5.5	5.8

<sup>&</sup>lt;sup>1</sup> GNP=Gross national product. <sup>8</sup> Includes Items not shown separately.

#### No. 514. MILITARY PRIME CONTRACT AWARDS TO ALL BUSINESSES, BY PROGRAM: 1975 TO 1986

[In billions of dollars. Net values for fiscal year ending in year shown; see text, section 9. includes all new prime contracts, debit or credit changes in contracts are also included. Actions cover official awards, amendments, or other changes in prime contracts to obtain military supplies, services, or construction. Excludes term contracts and contracts which do not obligate a firm total dollar amount or fixed quantity, but includes job orders, task orders, and delivery orders against such confracts.

	-		131		1	100		-		1986	
DOD PROCUREMENT PROGRAM	1975	1980	1981	1982	1983	1984	1985	Total	Per- cent small busi- ness 1	Per- cent women owned	Small disadvan- taged businesses
Total	45.8	83.7	105.2	124.7	140.5	146.0	163.7	158.8	(NA)	(NA)	(NA)
Intragovernmental 3	5.0	10.2	9.8	12.8	9,9	10.1	12.4	9.9	(NA)	(NA)	(NA
For work outside the U.S		5.4	6.6	7.5	7.2	8.3	8.6	9.1	(NA)	(NA)	(NA)
Educational and non-profit institutions With business firms for work in the	.8	1.5	1.7	2.0	2.2	2.7	3.1	3.4	(NA)	(NA)	(NA)
United States 4	37.1	66.7	87.2	102.5	121.1	124.9	139.6	136.5	19.7	.8	2.3
Major hard goods	22.2	41.0	53.3	67.9	80.8	86.3	98.1	92.8	8.1	.3	.9
Aircraft	6.7	12.5	16.5	21,1	26.3	29.2	34.6	32.3	4.2	.2	
equipment	4.7	9.6	11.7	14.2	16.7	19.7	22.0	19.7	11.4	.5	1.7
Missiles and space systems	4.6	7.9	10.2	12.7	14.7	16.7	18,7	19.4	3.3	.3	.5
Ships	3.5	6.0	7.4	9.6	12.8	9.4	10.4	9.4	15.9	.2	1.9
Tank-automotive	.9	2.1	3.8	4.4	4.7	5.0	5.2	5.2	14.8	.3	
Ammunition	1.3	1.9	2.1	3.6	3.2	4.0	4.7	4.5	13.8	.1	1.4
Weapons	.4	1.1	1.5	2.3	2.4	2.4	2.6	2.3	14.9	.5	15 5 14
Services	3.1	5.9	5.8	7.9	10.4	8.5	9.1	10.4	27.8	1.8	7.5
All other	11,9	19.8	28.0	26.7	29.9	30,1	32.3	33.2	49.7	2.0	4.4

NA Not available. ¹Covers firms not dominant in their fields of operation and employing fewer than 1,000, 750, or 500 persons, depending on industry classifications. For certain types of firms, other criteria are used, such as yearly gross sales, ² Includes everds for CHAMPUS. ² Covers only purchases from other Federal agencies and reimbursable purchases on behalf of foreign governments. ⁴Includes Department of Datense contracts awarded for work in U.S. possessions, Commonwealth of Puerto Rico, Trust Territories of the Pacific, and other areas subject to complete sovereignty of U.S.; contracts in a classified location; and any intragovernmental contracts entered into overseas.

#### NO. 515. EMPLOYMENT-DEFENSE-RELATED AGENCIES: 1970 TO 1986

(in thousands, except percent. Annual averages)

EMPLOYMENT	1970	1975	1999	1961	1902	1963	1984	1900	1996
Total U.S. employment <sup>1</sup>	80,796	87,524	100,907	102,042	101,194	102,510	108,702	108,856	111,300
Federal Resident Armed Forces	4,849 2,118 2,731	4,426 1,678 2,748	4,470 1,604 2,866	4,417 1,645 2,772	4,407 1,668 2,739	4,450 1,676 2,774	4,504 1,897 2,807	4,581 1,708 2,875	4,000 1,700 2,000
Person develop Armed agencies, existeding Armed Porses <sup>3</sup> Percent of Federal civilian personnel. Federal defense-related agencies <sup>1</sup> Percent of lotal Federal <sup>1</sup> Amount of lotal U.S. <sup>1</sup>	1,211 44.3	1,886 37.7 2,717 61.4 3.1	948 33.1 2,552 57.1 2.5	972 35.1 2,617 59.2 2.6	35.7 2,647 60.1 2.6	1,016 36.8 2,862 80.5 2.6	1,633 36.8 2,730 60.6 2.6	1,673 37.3 2,779 60.7 2.6	350 270 60 1

Includes resident Armed Forces.

\* Source: Beginning 1980, U.S. Dept. of Defense, Civilian Manpower Statistics, annual (Sept. Issues).

\* Source: Except as noted, U.S. Bureau of Labor Statistics, Employment and Earnings, monthly.

Source: U.S. Bureau of Economic Analysis, The National Income and Product Accounts of the United States, 1929-1982, and Survey of Current Business, July 1987 issue.

Source: U.S. Deot, of Defense, Military Prime Contract Awards, annual,

#### IO. 516. DEPARTMENT OF DEFENSE CONTRACT AWARDS, PAYROLL, CIVILIAN AND MILITARY PERSONNEL—STATES: 1964 TO 1966

its ending Sept. 30. Contracts refer to awards made in year specified; expenditures relating to awards may extend over all years. Payroll estimates cover active duty military and direct hire civilian personnel, including Army Corps of Engineers, in employees represent direct hire civilian employees; excluded are those who are not subject to Office of Management udget ceiling controls, such as summer aides. Military personnel in each department include a number of personnel in a set status. These personnel are in a travel, proceed, leave enroute, or temporary duty status while on permanent change tion (PCS) orders. The Navy and Air Force report these personnel at their location prior to their arrival at their new ment duty location. The Army includes these personnel in one category entitled "Undistributed," which also includes neel for which an exact location is undetermined]

1984   1985   1986   1986   1984   1985   1986   1984   1985   1986   1984   1985   1986   1984   1985   1986   1984   1985   1986   1984   1985   1986   1984   1985   1986   1984   1985   1986   1984   1985   1986   1984   1985   1986   1984   1985   1986   1984   1985   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986   1986	TATE	CONT	(mil. dol.)			PAYROLI (mil. dol.		CIVIL	JAN EMPL (1,000)		м	(1,000)	RSONNEL
1,132	-	1984	1985	1986	1984	1985	1986	1984	1985	1986	1984	1985	1986
437   550   565   477   530   541   4.4   5.0   5.0   21.0   20.4   21.1     1,764   2,006   2,632   686   684   754   10.0   10.4   10.6   22.6   20.7   25.8     682   810   887   291   297   362   4.6   4.8   4.9   10.1   9.7   9.7     28,520   29,115   27,738   8,695   8,910   9,475   133.8   1379   135.2   203.8   204.8   209     1,153   1,563   1,897   966   975   1,091   14.5   14.1   14.1   40.1   36.9   43.5     5,459   5,543   5,441   378   392   414   4.6   5.0   5.0   6.5   6.5   6.5   6.5     22,522   2,157   5,664   2,518   2,637   2,867   31.0   33.0   32.0   69.1   73.1   74.4     4,034   5,271   5,664   2,518   2,637   2,867   31.0   33.0   32.0   69.1   73.1   74.4     3,123   3,520   3,764   1,894   2,015   2,186   37.5   40.4   38.9   59.7   64.4   63.5   50.7   62.6   563   1,570   1,750   1,775   20.8   21.3   20.8   45.3   47.0   44.5     5,176   5,963   1,323   1,317   1,821   22.3   22.7   22.1   27.4   40.9   42.2     2,522   3,177   2,490   493   504   544   14.4   15.4   15.2   6.3   6.6   6.4     405   590   580   54   48   64   15.5   1.5   1.5   4.4   4.4     405   590   580   54   48   64   15.9   1.5   1.5   4.4   4.8     4.85   2,179   1,895   568   559   637   6.8   7.0   7.1   22.6   23.8   22.8     1,805   2,179   1,895   568   559   637   6.8   7.0   7.1   22.6   23.8   22.8     1,805   2,757   1,496   624   632   757   9.1   9.3   9.3   9.5   7.5   25.7   25.7     5,522   7,714   8,735   5.13   5.7   5.43   11.9   12.3   12.2   35.6   5.4   5.4     1,805   2,759   2,355   500   96   132   2.7   2.8   2.9   8   9     1,805   2,759   2,714   2,709   2,714   2,709   2,714   2,709   2,714   2,709   2,714   2,709   2,714   2,709   2,714   2,709   2,714   2,709   2,714   2,709   2,714   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709   2,709	, total	124,015	140,096	136,026	53,302	54,633	59,456	942.0	2 976.2	2 963.9	1,358.7	1,366.9	2 1,427.6
437   550   565   477   530   541   4.4   5.0   5.0   21.0   20.4   21.1     1,764   2,006   2,632   686   654   754   10.0   10.4   10.6   22.6   20.7   25.6     682   810   887   291   297   362   4.6   4.8   4.9   10.1   9.7   9.7     28,5520   29,115   27,738   8,695   8,910   9,475   133.8   1379   135.2   203.8   204.8   209     1,153   1,563   1,897   966   975   1,091   14.5   14.1   14.1   40.1   36.9   43.5     22,543   5,441   378   392   414   4.6   5.0   5.0   6.5   6.5   6.5   6.5     23,123   1,231   1,000   14.2   12.3   1.7   13.9   16.8   13.0   12.7   13.4     4,034   5,271   5,664   2,518   2,637   2,867   31.0   33.0   32.0   69.1   73.1   74.4     3,123   3,520   3,764   1,894   2,015   2,186   37.5   40.4   33.9   59.7   64.4   63.5   50.7   62.6   563   1,670   1,750   1,775   20.8   21.3   20.8   45.3   47.0   44.5     5,176   5,963   1,393   1,223   1,317   1,821   22.3   22.7   22.1   27.4   40.9   42.2     2,522   3,177   2,490   493   504   544   14.4   15.4   15.2   6.3   6.6   6.6    405   590   580   54   48   64   15.5   1.5   1.5   4.4   4.8   50.6   557   941   967   0,46   13.9   14.8   14.2   39.3   40.8   48.8   4.8   50.6   557   941   967   0,46   13.9   14.8   14.2   39.3   40.8   48.8   14.8   50.6   557   584   202   249   432   2.1   10.6   10.1   5.4   5.4   5.4   5.5   5.2   5.2   5.2   5.2   5.2   5.2   5.2   5.2   5.2   5.2   5.2   5.2   5.2   5.2   5.2   5.2   5.2   5.2   5.2   5.2   5.2   5.2   5.2   5.2   5.2   5.2   5.2   5.3   5.0   5.0   5.6   5.9   6.7   6.8   7.0   7.1   22.6   23.6   22.6   23.6   22.6   23.6   22.6   23.6   22.6   23.6   22.6   23.6   22.6   23.6   22.6   23.6   22.6   23.6   22.6   23.6   22.6   23.6   22.6   23.6   22.6   23.6   22.6   23.6   22.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23.6   23		1,132	1,418	1,604	1,161	1.220	1.352	27.1	27.3	26.8	25.2	23.1	23.3
892   810   887   291   297   362   4.6   4.8   4.9   10.1   9.7				565		530	541	4.4				20.4	21.0
28,520 29,115 27,738 8,695 8,910 9,475 133.8 137.9 135.2 203.8 204.8 209  1,153 1,563 1,897 966 975 1,091 14.5 14.1 14.1 40.1 36.9 43.5 5.459 5,543 5,441 378 392 414 4.6 5.0 5.0 6.5 6.5 6.5 7.266 226 224 127 124 129 1.7 1.8 1.8 4.9 4.7 4. 4.0 13.4 1.0 12.7 13. 4.034 5,271 5,684 2,518 2,637 2,867 31.0 33.0 32.0 69.1 73.1 74  3,123 3,520 3,764 1,894 2,015 2,186 37.5 40.4 39.9 59.7 64.4 6.5 5.7 5.57 62.6 563 1,670 1,750 1,775 20.8 21.3 20.8 45.3 47.0 44.5 51 50 63 130 126 142 1.2 1.3 1.3 5.8 5.6 5.1 1.476 1,893 1,735 1,223 1,317 1,621 22.3 22.7 22.1 37.4 40.9 42.2,522 3,177 2,490 493 504 544 14.4 15.4 15.2 6.3 6.6 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5		1,764					754						25.6
1,153		28 520		27 739									9.9
5,459         5,543         5,441         378         392         414         4,6         5.0         5.0         6.5         6.5         6.5         7           226         226         224         127         124         129         1.7         1.8         1.8         4.9         4.7         4.8           815         1,104         957         880         842         923         16.0         16.9         16.8         13.0         12.7         13           4,034         5,277         5,568         2,637         2,668         37.5         40.4         39.9         59.7         64.4         63.1           537         626         563         1,670         1,750         1,775         20.8         21.3         1.3         5.8         5.6         5.5           1,476         1,693         1,735         1,223         1,317         1,621         22.3         22.7         22.1         37.4         40.9         4.4           2,562         3,177         2,490         483         504         544         14.4         15.4         15.4         4           4,05         590         580         54         48         64 <td></td> <td>20,020</td> <td>20,110</td> <td>27,730</td> <td>0,000</td> <td>0,810</td> <td>9,475</td> <td>133.0</td> <td>137.5</td> <td>133.2</td> <td>203.6</td> <td>204.0</td> <td>209.0</td>		20,020	20,110	27,730	0,000	0,810	9,475	133.0	137.5	133.2	203.6	204.0	209.0
2266 261 224 127 124 129 1.7 1.8 1.8 1.8 4.9 4.7 4.8 1.104 957 880 842 923 16.0 16.9 16.8 1.8 13.0 12.7 13.1 4.034 5.271 5.664 2.518 2.637 2.867 31.0 33.0 32.0 69.1 73.1 74. 4.034 5.271 5.664 2.518 2.637 2.867 31.0 33.0 32.0 69.1 73.1 74. 4.034 5.271 5.664 2.518 2.637 2.867 31.0 33.0 32.0 69.1 73.1 74. 4.034 5.271 5.664 2.518 2.637 2.867 31.0 33.0 32.0 69.1 73.1 74. 4.034 5.271 5.664 5.65 1.670 1.750 1.775 20.8 21.3 20.8 45.3 47.0 44. 5.1 5.1 5.0 63 13.0 1.26 142 1.3 1.3 1.3 5.8 5.6 5.6 5.1 1.476 1.693 1.735 1.223 1.317 1.621 22.3 22.7 22.1 37.4 40.9 42. 2.522 3.177 2.490 493 504 544 14.4 15.4 15.2 6.3 6.6 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.													43.0
815 1,104 957 880 842 923 160 169 168 130 127 13 14 4,034 5,271 5,564 2,518 2,537 2,867 31.0 33.0 32.0 89.1 73.1 74 3,123 3,520 3,764 1,894 2,015 2,186 37.5 40.4 39.9 59.7 64.4 63 150 1,775 20.8 21.3 1.3 5.8 5.6 5 1.476 1,693 1,735 1,223 1,317 1,621 22.3 22.7 22.1 37.4 40.9 42 2,522 3,177 2,490 493 504 544 14.4 15.4 15.2 1.3 1.3 5.8 5.6 5 5 1.476 1,693 1,735 1,223 1,317 1,621 22.3 22.7 22.1 37.4 40.9 42 2,522 3,177 2,490 493 504 544 14.4 15.4 15.5 15.2 6.3 6.6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6													7.2
4,034   5,271   5,664   2,518   2,637   2,867   31.0   33.0   32.0   69.1   73.1   74.	***************************************										4.9		4.8
3,123   3,520   3,764   1,894   2,015   2,186   37.5   40.4   39.9   59.7   64.4   63.577   626   563   1,670   1,775   1,775   20.8   21.3   20.8   45.3   47.0   44.5   47.0   44.5   47.0   44.5   47.0   44.5   47.0   44.5   47.0   44.5   47.0   44.5   47.0   44.5   47.0   44.5   47.0   44.5   47.0   44.5   47.0   44.5   47.0   44.5   47.0   44.5   47.0   44.5   47.0   44.5   47.0   44.5   47.0   44.5   47.0   44.5   47.0   44.5   47.0   44.5   47.0   44.5   47.0   44.5   47.0   44.5   47.0   44.5   47.0   44.5   47.0   44.5   47.0   44.5   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0   47.0													74.7
537   626   563   1,670   1,750   1,750   1,751   20,8   21,3   20,8   45,3   47,0   44,0   51   50   63   130   126   142   1.2   1.3   1.3   5.8   5.6   5.8   1,476   1,693   1,735   1,223   1,317   1,621   22,3   22,7   22,1   37,4   40,9   42   2,522   3,177   2,490   493   504   544   14,4   15,4   15,2   6.3   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6		4,004	4000	0,004	2,010	2,007	2,007	31.0	33.0	32.0	05,1	73.1	14.0
1,476   1,693   1,735   1,223   1,317   1,621   22,3   22,7   22,1   37,4   40,9   42   2,522   3,177   2,490   493   504   544   14.4   15.4   15.2   6.3   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6   6.6	***************************************					2,015	2,186						63.6
1,476   1,693   1,735   1,223   1,317   1,621   22.3   22.7   22.1   37.4   40.9   42	************	537	626			1,750							44.2
2,522 3,177 2,490 493 504 544 14.4 15.4 15.2 6.3 6.6 6  405 590 580 54 48 64 1.5 1.5 1.5 1.5 4 4  2,362 2,139 1,955 568 559 637 6.8 7.0 7.1 22.6 23.6 22  448 506 557 941 967 1,046 13.9 14.8 14.2 39.3 40.8 38  1,865 2,175 1,498 624 632 757 9.1 9.3 9.3 25.7 25.7 25.7 25. 532 95.7 584 202 249 432 12.1 10.6 10.1 5.4 5.4 5.4 5  4,013 4,608 4,537 1,875 1,905 2,036 41.3 43.3 42.3 35.6 35.7 35 7,029 7,714 8,735 513 517 543 11.9 12.3 12.2 9.5 9.4 9.9 2,510 2,789 2,353 500 540 556 12.1 12.2 12.7 9.3 8.8 8 8 2,190 1,310 1,634 848 651 947 10.7 11.6 11.3 18.2 16.0 18. 6,520 7,613 5,548 790 786 947 10.7 11.6 11.3 18.2 16.0 18. 6,520 7,613 5,548 790 786 94 20.4 21.0 21.0 16.0 16.1 15. 83 10.2 62 98 97 106 1.1 12 1.3 4.0 3.7 3.1 167 193 226 370 379 468 3.8 3.8 4.0 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.8 13. 12.9 12.9 12.8 13. 12.9 12.9 12.8 13. 12.9 12.9 12.8 13. 12.9 12.9 12.8 13. 12.9 12.9 12.9 12.9 12.9 12.9 12.9 12.	***************************************			63									5.8
2,405   590   580   54   48   64   1.5   1.5   1.5   2.4   4   2,348   506   557   941   967   1,046   13.9   14.8   14.2   39.3   40.8   38   1.855   2,175   1,498   624   632   757   9.1   9.3   9.3   9.3   25.7   25.7   25.5   25.5   25.5   25.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5   2.5	***************************************					504				15.2	63		6.9
2,362		100	1	39,83	137	155	- 511	17.5	1000	100	0,0	0.0	0.0
448				580							4	. 4	1 4
1,855					568								22.5
532   957   584   202   249   432   421   10.6   10.1   5.4   5.4   5.4				557	941								38.9
4,013 4,608 4,537 1,875 1,905 2,036 41,3 43,3 42,3 35,6 36,7 35 7,029 7,714 8,735 513 517 543 11,9 12,3 12,2 9.5 9.4 9 2,2510 2,789 2,353 500 540 556 12.1 12,2 12,7 9.3 8.8 8 1,9 2,190 1,310 1,634 848 651 947 10,7 11,6 11,3 18,2 16,0 18 6,520 7,613 5,548 790 786 924 20,4 21,0 21,0 16,0 16,1 15 83 10,2 62 98 97 106 1.1 12, 13 4,0 3,7 3 167 193 226 370 379 468 3.8 3.8 4.0 12,9 12,8 13,1 12,9 12,8 13,1 12,9 12,8 13,1 12,9 12,8 13,1 12,9 12,8 13,1 12,9 12,8 13,1 12,9 12,8 13,1 12,9 12,8 13,1 12,9 12,8 13,1 12,9 12,8 13,1 12,9 12,8 13,1 12,9 12,8 13,1 12,9 12,8 13,1 12,9 12,8 13,1 12,9 12,8 13,1 12,9 12,8 13,1 12,9 12,9 12,8 13,1 12,9 12,8 13,1 12,9 12,9 12,8 13,1 12,9 12,9 12,8 13,1 12,9 12,9 12,8 13,1 12,9 12,9 12,9 12,9 12,9 12,9 12,9 12								421					5.9
7,029 7,714 8,735 513 517 543 11.9 12.3 12.2 9.5 9.4 9.2 2.510 2.789 2.353 500 540 556 12.1 12.2 12.7 9.3 8.8 8 9.9 1.826 2.298 2.355 90 96 132 2.7 2.8 2.9 8 .9 9 96 132 2.7 2.8 2.9 8 .9 9 96 132 2.7 2.8 2.9 8 .9 9 96 132 2.7 11.6 11.3 18.2 16.0 18.   6,520 7,613 5,548 790 786 924 20.4 21.0 21.0 16.0 16.1 15. 83 10.2 62 98 97 106 1.1 12.1 1.3 4.0 3.7 3.3 167 193 226 370 379 468 3.8 3.8 4.0 12.9 12.8 13. 12.9 12.9 12.8 141 245 227 231 1.9 2.1 2.0 10.4 9.7 10 10 10 10 10 10 10 10 10 10 10 10 10		1 7 V	(10)			1	16.70			1000	0.4	0.4	0.0
2,510   2,789   2,355   500   540   556   12.1   12.2   12.7   9.3   8.8   8   2,196   2,298   2,355   90   96   132   2.7   2.8   2.9   8   9   9   13.0   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5			4,608	4,537									35.3
1,826 2,298 2,355 90 96 132 2,7 2,8 2,9 8 9.9 2,100 1,310 1,634 648 651 947 10.7 11.6 11.3 18.2 16.0 18 6,520 7,613 5,548 790 797 106 1.1 1.2 1.3 4.0 3.7 3 102 62 96 97 106 1.1 1.2 1.3 4.0 3.7 3 102 62 96 97 106 1.1 1.2 1.3 4.0 3.7 3 102 129 128 141 245 227 231 1.9 2.1 2.0 10.4 9.7 10 663 678 471 354 290 157 10.1 1.8 1.6 4.2 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1			7,714	8,735			543						9.2
2,190													8.9
6,520 7,613 5,548 790 786 924 20.4 21.0 21.0 16.0 16.1 15.8 10.2 62 98 97 106 1.1 1.2 1.3 4.0 3.7 3 16.7 193 226 370 379 468 3.8 3.8 4.0 12.9 12.8 13 12.9 12.8 141 245 227 231 1.9 2.1 2.0 10.4 9.7 10 663 678 471 354 290 157 10.1 1.8 1.6 4.2 4.1 4 1.0 10.2 10.2 10.4 10.4 10.2 10.2 10.4 10.4 10.2 10.2 10.4 10.4 10.2 10.2 10.4 10.4 10.2 10.2 10.4 10.4 10.2 10.2 10.4 10.4 10.2 10.2 10.4 10.4 10.4 10.2 10.2 10.4 10.4 10.4 10.4 10.2 10.2 10.4 10.4 10.4 10.4 10.2 10.2 10.4 10.4 10.4 10.2 10.2 10.4 10.4 10.2 10.2 10.2 10.2 10.2 10.2 10.2 10.2													18.0
83 102 62 98 97 106 1.1 1.2 1.3 4.0 3.7 3 167 193 226 370 379 468 3.8 3.8 4.0 12.9 12.8 13 12.9 12.8 141 245 227 231 1.9 2.1 2.0 10.4 9.7 10 663 678 471 354 290 157 10.1 1.8 1.6 4.2 4.1 4 2.5 52 492 565 576 586 529 9.5 9.8 9.9 17.0 16.4 16 9.5 15 10.033 9.908 862 850 956 19.0 18.8 19.7 22.4 22.0 22 863 10.29 10.49 2.08 256 19.0 18.8 19.7 22.4 22.0 22 10.0 10.4 9.7 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10		177	1000	0.55	1 200	1 7	1000	1	100	1	1		
167													15.5
129   128   141   245   227   231   1.9   2.1   2.0   10.4   9.7   10   663   678   471   354   290   157   10.1   1.8   1.6   4.2   4.1   4   4   3   3.278   3.862   3.226   1.077   1.104   1.072   28.3   29.0   27.6   19.9   19.0   20   552   492   565   576   566   629   9.5   9.8   9.9   17.0   16.4   16   9.515   10.033   9.908   862   850   956   19.0   18.8   19.7   22.4   22.0   22   22   22   22   22   22				62					1.2		4.0		3.9
3,278 3,862 3,226 1,077 1,104 1,072 28.3 29.0 27.6 19.9 19.0 20 555 49.2 565 576 566 629 9.5 9.8 9.9 17.0 16.4 16 9,515 10,033 9,908 862 850 956 19.0 18.8 19.7 22.4 22.0 22 26 20 20 20 20 20 20 20 20 20 20 20 20 20													4.0
552         492         565         576         566         629         9.5         9.8         9.9         17.0         16.4         16           9,515         10,033         9,908         862         850         956         19.0         18.8         19.7         22.4         22.0         22           863         1,029         1,049         2,068         2,187         2,179         15.7         16.3         16.1         100.2         98.7         96           201         207         229         239         238         250         1.7         1.6         1.8         11.9         11.3         11           2,804         4,648         5,201         1,187         1,651         1,308         25.2         26.8         27.3         30.8         31.1         31           230         256         340         104         112         219         3.0         3.1         3.1         8         .8           3253         4,149         4,192         1,583         1,567         1,703         53.9         57.5         53.4         7.0         6.7         6         6         6         364         431         394         235		100	4.30	0.000	1 91	1000	1	52700		1	1 1 2 3	0.00	1 7 3 5
9,515 10,033 9,908 882 850 956 19.0 18.8 19.7 22.4 22.0 22 863 1,029 1,049 2,068 2,187 2,179 15.7 16.3 16.1 100.2 98.7 96 201 207 229 239 238 250 1.7 1.8 1.8 11.9 11.3 11 2,000 20.5 20.5 20.5 20.5 20.5 20.5 20.5 2	-												20.5
863   1,029   1,049   2,068   2,187   2,179   15,7   16,3   16,1   100,2   98,7   96     201   207   229   239   238   250   1,7   1,8   1,8   11,9   11,3   11,	***********					566	629	9.5		9.9	17.0	16.4	16.8
201   207   229   239   238   250   1.7   1.8   1.8   11.9   11.3   11				1,040			956						22.7
2,804 4,648 5,201 1,187 1,253 1,301 33.2 34.3 34.4 14.3 13.8 11 535 602 7775 1,195 1,165 1,308 25.2 26.8 27.3 30.8 31.1 30 230 256 340 104 112 219 3.0 3.1 3.1 8 8 8 31.1 30 32.5 34.4 4,192 1,583 1,567 1,703 53.9 55.7 53.4 7.0 6.7 6 3.6 396 431 394 235 247 267 4.4 4.7 4.5 3.9 4.0 4 4.7 4.5 3.9 4.0 4 4.7 4.5 3.9 4.0 4 4.7 8 490 521 1,583 1,583 1,678 20.0 20.5 20.2 45.7 44.4 4.7 4.5 3.9 4.0 4 4.7 7.8 128 139 126 157 1.2 1.4 1.4 6.3 5.9 6 7.9 796 793 1,157 378 370 456 7.4 7.3 7.5 12.2 11.0 10 10 8,750 10,562 10,940 3,738 3,958 4,147 64.5 86.8 63.6 131.2 127.2 135 860 789 714 684 701 735 22.5 23.8 23.3 6.1 6.2 6 170 163 124 16 17 20 5 5.8 5.5 5.1 1 1 4,805 6.167 5,402 6,273 6,405 6,989 103.8 107.2 106.1 95.8 96.6 98 2,884 3,559 2,555 1,680 1,850 1,850 3,598 3,508 3,588 1,672 103.8 107.2 106.1 95.8 96.6 98 2,884 3,559 2,555 1,680 1,850 1,850 3,598 3,508 3,588 1,872 2,884 3,559 2,555 1,880 1,850 1,850 3,598 3,588 1,850 3,588 3,589 3,589 3,589 3,588 4,147 64.5 66.8 63.6 131.2 127.2 135 6.1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				229			250						11.1
535 602 775 1,195 1,165 1,306 252 26.8 27.3 30.8 31.1 30 230 256 340 104 112 219 3.0 3.1 3.1 8 8 8 8 8 3 396 431 394 235 247 267 4.4 4.7 4.5 3.9 4.0 4.0 4.0 4.7 4.5 3.9 4.0 4.0 4.0 4.7 4.5 3.9 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0		1.000	3.7		1	1000	100.00		193	100	200		
230 256 340 104 112 219 3.0 3.1 3.1 8 8 8 3253 41.49 4.192 1.583 1.567 1.703 53.9 55.7 53.4 7.0 6.7 6 396 431 394 235 247 267 4.4 4.7 4.5 3.9 4.0 4 4 4.7 4.5 3.9 4.0 4 4 4.7 4.5 3.9 4.0 4 4 7.7 8 128 139 126 157 1.2 1.4 1.4 6.3 5.9 6 7.4 7.3 7.5 12.2 11.0 10 8.756 793 1.157 3.78 3.70 456 7.4 7.3 7.5 12.2 11.0 10 8.750 10.562 10.940 3.738 3.70 456 7.4 7.3 7.5 12.2 11.0 10 8.750 789 714 664 701 735 22.5 23.6 23.3 6.1 6.2 6 170 163 124 16 17 20 5 6 6 6 1 1 1 4 4.605 6.167 5.402 6.273 6.405 6.95 103.8 107.2 106.1 95.8 96.6 98 2.884 3.559 2.555 1.680 1.885 1.885 1.893 103.8 107.2 106.1 95.8 96.6 98 2.884 3.559 2.555 1.680 1.885 1.885 1.893 103.8 107.2 106.1 95.8 96.6 98 2.884 3.559 2.555 1.680 1.885 1.885 1.885 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8	***************************************						1,301	33.2					11.7
3253 4,149 4,192 1,583 1,567 1,703 53.9 55.7 53.4 7.0 6.7 6 396 431 394 235 247 267 4.4 4.7 4.5 3.9 4.0 4 478 490 521 1,588 1,98 1,98 1,98 1,98 1,98 1,98 1,98 1,							1,308						
396 431 394 235 247 267 4.4 4.7 4.5 3.9 4.0 4 478 490 521 1,588 1,593 1,678 20.0 20.5 20.2 45.7 44.4 47 47 78 128 139 126 157 1.2 1.4 1.4 6.3 5.9 6 796 793 1,157 378 370 456 7.4 7.3 7.5 12.2 11.0 10 8,750 10,562 10,940 3,738 3,958 4,147 64.5 86.6 63.6 131.2 127.2 135 880 789 714 664 701 735 22.5 23.6 23.3 6.1 6.2 6 170 163 124 16 17 20 5 6 6 6 1 1 4,605 6,167 5,402 6,273 6,405 6,993 103.8 107.2 106.1 95.8 96.6 98 2,884 3,559 2,555 1,689 1,858 1,859 3,75 28.5 28.5 28.5 28.5 28.5 28.7 43.0 43.7 42.7							1 703		55.7	53.1			6.6
478 490 521 1,588 1,593 1,678 20.0 20.5 20.2 45.7 44.4 47 47 78 128 139 126 157 1.2 1.4 1.4 6.3 5.9 6 796 793 1,157 378 370 456 7.4 7.3 7.5 12.2 11.0 10 8,750 10,562 10,940 3,738 3,958 4,147 64.5 66.6 63.6 131.2 127.2 135 880 789 714 664 701 735 22.5 23.6 23.3 6.1 6.2 6 170 163 124 16 17 20 5 6 6 5 1 1 4,605 6,167 5,402 6,273 6,405 6,993 103.8 107.2 106.1 95.8 96.6 98 2,884 3,559 2,525 16,89 16,98 1858 29.3 29.5 28.5 28.5 43.0 43.7 42.7	****************			394									4.1
47 78 128 139 126 157 1.2 1.4 1.4 6.3 5.9 6 6 796 793 1,157 378 370 456 7.4 7.3 7.5 12.2 11.0 10 10 10 10 10 10 10 10 10 10 10 10 10				1.22	1,363		100	100		1600	11.603	-50.	100
796 793 1,157 378 370 456 7.4 7.3 7.5 12.2 11.0 10 8,750 10,562 10,940 3,738 3,958 4,147 64.5 66.6 63.6 131.2 127.2 135 880 789 714 664 701 735 22.5 23.6 23.3 6.1 6.2 6  170 163 124 16 17 20 5 5 5 6 5 1 1 4,805 6,167 5,402 6,273 6,405 6,993 103.8 107.2 106.1 95.8 96.6 98 2,884 3,559 2,525 1,689 1,698 1,855 29 3 29.5 28.5 43.0 43.7 42.7													47.0
8,750 10,562 10,940 3,738 3,958 4,147 64.5 66.6 63.6 131.2 127.2 135 880 789 714 664 701 735 22.5 23.6 23.3 6.1 6.2 6 170 163 124 16 17 20 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6													10.4
880 789 714 864 701 735 22.5 23.6 23.3 6.1 6.2 6. 170 163 124 16 17 20 5 6 6 5 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1													135.3
170 163 124 16 17 20 5 5 5 6 5 1 1 1 98 189 185 2884 359 288 359 288 288 288 288 288 288 288 288 288 28													6.0
4,605 6,167 5,402 6,273 6,405 6,993 103.8 107.2 106.1 95.8 96.6 98 2,884 3,559 2,555 1,689 1,698 1,855 29.3 29.5 28.5 43.0 43.7 42.		100	100		1	1	1000	-		1 5 5	1		
2884 3559 2525 1689 1698 1855 293 295 285 430 437 42				124						100	06.7	00.1	00.1
72 90 105 50 51 97 1.5 1.6 1.6 4 4 959 1,065 981 90 98 120 3.1 3.2 3.3 9 9 74 125 92 89 92 102 9 1.1 1.1 3.9 3.7 4	Marian Commission of the Commi			2 525				20.8					42.3
959 1,065 981 90 98 120 3.1 3.2 3.3 .9 .9 .9 .74 125 92 89 92 102 9 1.1 1.1 3.9 3.7				105							43.0	43.7	92.3
74 125 92 89 92 102 9 11 11 39 37	***************************************									3.3	9	9	0
							102	.9	1.1	1.1	3.9	3.7	4.1

tary awards for supplies, services, and construction. Net value of contracts of over \$25,000 for work in each State and DC. reflect impact of prime contracting on State distribution of defense work. Often the State in which a prime contractor is is not the State in which the subcontracted work is done. See also headnote, table \$14. Includes undistributed in a includes undistributed military personnel.

4 The Portsmouth Naval shipyard was reported at Portsmouth, New Nire, instead of Kittery, Maine.

to: U.S. Dept. of Defense, Prime Contract Awards by State, annual, Distribution of Personnel by State—by Selected na, annual; and Atlas/State Data Abetract for the United States and Selected Areas, annual.

#### No. 517. WORLDWIDE MILITARY EXPENDITURES: 1974 TO 1984

[For military expenditures and Armed Forces by country, see section 31. GNP=Gross national product]

COUNTRY GROUP					MILITAR	Y EXPEN		5					CAPITA Ol.)
	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1980	1984
CURRENT DOLLARS	7-		5-					70.	.01	a.c.	300	70	
Worldwide, total 1	319.9	362.9	392.2	422.1	465.7	514.4	583.6	654.6	734.9	789.1	835.7	131	175
United States		91.0	91.0	100.9	109.2	122.3	144.0	169.9	196.4	217.2	237.1	632	1.002
Percent of total	26.9	25.1	23.2	23.9	23.4	23.8	24.7	26.0	26.7	27.5	28.4	(x)	DO
Developed countries *	262.8	287.3	306.1	332.7	365.3	405.3	461.7	515.9	576.8	623.8	665.2	426	(X)
Developing countries 2	57.1	75.6	86.1	89.4	100.3	109.1	121.9	138.7	158.1	165.3	170.5	36	47
NATO countries 3	128.9	138.4	142.7	156.8	171.3	190.4	220.3	253.8	288.9	316.6	341.4	381	574
Warsaw Pact countries		142.6	156.2	167.8	184.7	203.7	227.8	248.0	272.7	289.2	304.9	608	789
Soviet Union	109.0	121.0	133.0	143.0	158.0	175.0	196.0	213.0	232.0	247.0	260.0	738	945
CONSTANT (1983) DOLLARS		1	100		1 - 5	120	1	1007	1.50		1000	2.5	100
Worldwide, total 1	608.5	630.0	640.6	650.8	663.9	679.1	706.2	732.9	768.7	789.1	807.8	159	169
United States	163.4	157.9	148.7	155.6	155.8	161.4	174.2	190.2	205.4	217.2	229.2	765	968
Percent of total	26.9	25.1	23.2	23.9	23.5	23.8	24.7	26.0	26.7	27.5	28.4	(x)	(X)
Developed countries 3	499.9	498.7	500.0	513.0	520.9	535.1	558.7	577.6	603.3	623.8	643.1	516	577
Developing countries *	108.6	131.3	140.6	137.8	143.0	144.0	147.5	155.3	165.4	165.3	164.8	44	45
NATO countries 3	245.2	240.3	233.1	241.8	244.3	251.3	266.5	284.2	302.2	316.6	330.0	461	555
		247.6	255.1	258.7	263.3	269.0	275.6	277.6	285.2	289.2	294.8	735	763
	207.3	210.0	217.3	220.5	225.3	231.0	237.2	238.5	242.7	247.0	251.3	893	914
PERCENT OF GNP	2017	-	7	-		1	1	100	100	100	1		
Worldwide, total	5.8	6.0	5.8	5.6	5.5	5.5	5.6	5.7	6.0	6.0	5.9	(x)	(x
United States	5.8	5.7	5.1	5.1	4.9	4.9	5.3	5.6	6.2	6.4	6.3	(x)	1 12
Developed countries *	5.8	5.8	5.6	5.5	5.4	5.4	5.6	5.6	5.9	6.0	5.9	(x)	1 12
Developing countries 2	5.7	6.6	6.6	6.1	6.2	5.8	5.7	5.9	6.2	6.2	6.0	(x)	1 12
NATO countries 3		4.7	4.4	4.4	4.2	4.2	4.4	4.7	5.0	5.2	5.1	66	KKKKKK
Warsaw Pact countries 4	10.9	10.8	10.8	10.6	10.4	10.6	10.7	10.7	10.8	10.7	10.7		1 8
Soviet Union 4	12.9	12.9	12.8	12.6	12.4	12.7	12.8	12.7	12.7	12.6	12.6	(x)	1 70

X Not applicable. Includes countries not shown separately. Twenty-eight developed countries: see table 516 for selected countries; for complete list see source. The North Atlantic Treaty Organization. The meaning of the ratio of military expenditures to GNP differs somewhat between most Communist countries and non-Communist countries because of different estimating procedures. For details, see source.

No. 518. ARMS TRADE IN CONSTANT (1983) DOLLARS—SELECTED COUNTRIES: 1983 TO 1985
[In millions of constant (1982) dollars]

	1983 1984		Į	1985				l	1990
COUNTRY			Total	Arms imports as percent of total imports	COUNTRY	1963	1984	Total	Arms imports a percent of total imports
Arms trade, world					RECIPIENT COUNTRIES				
total 1	30,800	40,290	30,800	1.4				1	ĺ.
	l	ł	1	l	Developing 1	31,290	32,250	20,310	4
EXPORTER8		l		!	Afghanistan	160	309	140	10
_		l .	l _	[	Algeria	575	508	253	3
anada	160	184	178	.1	Angola	750	1,063	412	25
hine: Mainland	1,600	1,837	327	.3	Argentina	975	435	140	3
zechoelovakia		701	772	2.2	<u> </u>	700	677	1,029	11
rance	4,300	3,480	3,087	.1	Egypt	1,800 50	1,547 87	1,029	'}
oland	775	749	655	3.2	Ethiopia	525	556	365	36
oviet Union	11,000	10,730	8,325	9.	Greece	480	271	262	7
Inited Kingdom	1,600	1,450	538	.4	India		773	1.777	1 15
Inited States	11,600	9,860	8,793	.2	iran	875	2.127	748	1 7
Vest Germany	1,800	2,707	538	.4	Iraq	5.800	7,444	1.964	1 16
			1		larael		653	702	l '3
IMPORTER8	1	Į.	ľ		Jordan	1.000	203	355	1 12
		l		_	Kuweit		377	271	1 7
Developed 1	9,589	8,033	6,674	.5	Libya	1.800	1,740	1.216	i 2≪
vetralia	390	580	655	2.7	Morocco	320	164	122	1
enede	310	261	47	1	Nicerague	140	242	112	14
zechoelovalda	150	435	365	2.2	North Rorea	120	77	281	17
ast Germany	650	483	374	1.8	Omen	350	300	94	
lungery	. 80	145	26	.2	Pakistan		532	365	3
aly		193	112	! !	Peru	190	203	75	1 .4
epen		694	702	.6	Saudi Arabia		2,513	2,339	•
olend	600	251	514	3.2	South Korea		377	355	1
Iomania	50	68	19	.2	Spein	250	145	122	۱ .
oviet Union	1,100	967	725	.9	Syria	2,000	1,450	865	
Inited Kingdom	650	773	440	4	Turkey	500	484	365	•
Inited States	500	464 508	538	.2	Venezuela	50	348	309	
Nest Germany	430	506	655	i .4	Vietnem	600	773	668	i 🎗
	i	I	1	I	Yemen (Sensa)	330	77	84	

NA Not available. <sup>1</sup> Includes countries not shown separately.

Source of tables 517 and 518: U.S. Arms Control and Disarmament Agency, World Military Expenditures and Arms Transless,

### 19. ARMS TRANSFERS—CUMULATIVE VALUE FOR PERIOD 1961 TO 1985, BY MAJOR SUPPLIER, AND RECIPIENT COUNTRY

[In millions of dollars]

	1				SI	UPPLIER				
RECIPIENT	Total 1	Soviet Union	United States	France	United King- dom	West Ger- many	China: Main- land	Italy	Po- land	Czecho- slovakia
d total 1	188,230	55,790	49,270	19,265	8,765	7,610	5,470	4,925	3,905	3,255
		13,875	1,350	2,710	890	880	505	1,500	300	915
	3,890	3,200	170	100	160	160	-	40	-	10
	2,975	2,600	-	10	7.2	-	-		-	
		2,000 4,600	-	725	5	180	200	30 850	300	875
0	1,255	4,600	350	575	5	10	320	20		8/5
	560	- 2	140	30	10	120	80	10		
			1000	- 32,1	1.00	1,000	1		1.2	
I *	18,975 3,750	4,950	9,840 3,700	375	375	505 40	220	405	210	30
orea	990	390	3,700	20		40	210	2	100	
Corea	1,960	390	1,900	10	10		210	3	100	1 3
1	3,645	3,500	-,500	,,,			-	-	110	30
	40.000			***	444					
stan		1,500	1,365	895	840	160	420	60	110	150
Stall		4,200	60	550	800	120	- 5	30	110	60
Λ		4,200	1,300	340	20	40	350	30	110	20
	1	1000		22.1				Francis	100	1 100
annon-aroundoomson-acous	35,005	8,710	15,740	870	900	1,585	- 5	205	2,440	1,425
slovakia		1,700	825	50	5	250	- 5	100	20	1
Y		410	625	50		250	1	100	50	60
	705	4.0	700	5	1 2	1 2	1.2		- 50	
		2,200	1,00	1 2	1.0	- 4	-	-	- 12	200
a	290	140	G-4.	20	90	-	-	-	1.4	40
Union	4,200	100	-	-	-	-	-	-	2,000	1,100
	1,350	-	750	480	10	60		30	-	
terronomomomomomoromomomo		-	1,100	20	110	800	-	10		
Kingdom	2,890	-	2,800	80	60	- 3		5	- 2	
brillarly management and a	2,140	1000	2,400	30	00		1.5		- 5	
erica 1	13,530	4,150	1,325	1,245	255	2,455	-	1,050	40	165
na		10.00	40	230	90	1,400	-	110		100
***************************************	4,010	3,500	- 27		22	-			40	160
ſ		200	50	120	60	-	1.5	260	-	
ela		390	110	210		230	-	100	1 2	
0.0	1,215		470	30			1	500		
est 1		18,375	15,180	13,140	4,505	1,565	4,325	1,570	805	570
	7,120	40	2,900	1,200	460	5	525	350	1,4	100
******	6,435	370	0.05		100	200	575	400	20	30
***************************************		7,400	4 400	5,100	170	700	3,100	490	625	190
************************************	4,105 3,805	525	4,100 850	1,100	1,200		10		- 2	
vabia	14,760	525	6,400	4,300	1,400	190	10	170	- 5	1
Value	8.950	8.000	0,400	50	60	20	110	1,70	10	350
(Sanaa)		850	90	-		10			150	300

resents zero.

#### No. 520. ARMS EXPORT MARKET SHARE: 1975 TO 1965

[In millions of dollars, except as indicated]

EXPORTER	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
d total	13,270	17,310	20,280	24,440	28,200	30,240	37,570	39,910	40,040	41,460	28,900
tal S S Pact, total Union wiet Union RCENT DISTRIBUTION	7,205	9,580	10,880	11,950	11,260	13,790	19,060	17,950	21,420	20,140	15,190
	4,900	5,900	6,700	6,500	6,100	6,500	8,600	9,300	11,800	10,200	9,400
	2,305	3,680	4,180	5,450	5,160	7,290	10,460	8,650	9,620	9,940	5,790
	4,900	6,370	7,975	10,390	14,710	13,900	14,230	15,490	13,410	14,150	11,480
	4,000	5,300	6,600	8,500	12,900	12,200	12,000	12,700	11,000	11,100	8,900
	900	1,070	1,375	1,890	1,810	1,700	2,230	2,790	2,410	3,050	2,580
	1,165	1,360	1,425	2,100	2,230	2,550	4,280	6,470	5,210	7,170	2,230
tal	54.3	55.3	53.6	48.9	39.9	45.6	50.7	45.0	53.5	48.6	52.6
	36.9	34.1	33.0	26.6	21.6	21.5	22.9	23.3	29.5	24.6	32.5
	17.4	21.3	20.6	22.3	18.3	24.1	27.8	21.7	24.0	24.0	20.0
	36.9	36.8	39.3	42.5	52.2	46.0	37.9	38.8	33.5	34.1	39.7
	30.1	30.6	32.5	34.8	45.7	40.3	31.9	31.8	27.5	26.8	30.8
	6.8	6.2	6.8	7.7	6.4	5.6	5.9	7.0	6.0	7.4	8.9
	8.8	7.9	7.0	8.6	7.9	8.4	11.4	16.2	13.0	17.3	7.7

of tables 519 and 520: U.S. Arms Control and Disarmament Agency, World Millary Expenditures and Arms Translers.

Includes countries not shown separately.

#### No. 521. ARMS DELIVERED BY SELECTED SUPPLIER AND MAJOR WEAPON TYPE: 1981 TO 1985

[The suppliers included are the five largest single exporters of major weapons in terms of magnitude of deliveries as well as other countries of the two major affiances; excluded are Albania, Greece, Malta, Spain, Turkey, and Yugoslavia]

					UPPLIER			
TYPE OF WEAPON	Total <sup>1</sup>	Soviet Union	Other Wersew Pact	United States <sup>2</sup>	France	United King- dom	Other NATO	Chine: Main- land
Land armements: Tanks	5,977 16,732 18,879 154 482 28 99 2,844	4,395 1,985 3,880 6,760 33 107 8 28 1,820 100 365 570 12,285	1,250 485 890 715 2 5 - 25 15 305 150 5,000	1,824 122 2,772 4,009 17 26  394 272 37 181 3,259	185 5 205 1,510 19 39 - 13 215 70 95 200 260	400 110 430 12 42 6 60 90 55 15 1,450	220 36 5,366 1,280 55 115 10 10 - 290 175 120	2,180 1,455 780 1,000 22 22 200 106

<sup>-</sup> Represents zero. ¹ Includes other countries not shown separately.

1965, white other suppliers' data are by calendar years 1931 to 1965.

\*Air defense artiflesy includes weapons over 23 millimeters. • Ried artiflesy includes mobile rocket leunchers mortans, and recoilless rifles over 100 millimeters. • Major surface combetants include aircraft carriers, cruisers, destroyers, destroyer secorts, and frigates. • Minor surface combetants include motor torpedo boats, subchasers, and minesweepers. • Other aircraft include reconnelssance aircraft, trainers, trainsports, and utility aircraft.

Source: U.S. Arms Control and Disarmament Agency, World Military Expenditures and Arms Transfers, annual.

#### NO. 522. ESTIMATES OF TOTAL DOLLAR COSTS OF AMERICAN WARS

[in millions of dollars, except percent. Service-connected veterans' benefits estimated at 40 percent of total veterans' benefits estimated at 40 percent of total veterans' benefits estimated at 40 percent of total veterans' benefits.

ITEM	World War II	Vietnam Conflict	Koreen Con- flict	World War I	Civil War: Union	Civil War: Confed- eracy	Spenish Ameri- can War	American Revolution	War of 1812	Mest- can War
Original incremental, direct coets: 1 Current dollers Constant (1967) dollers Percent 1 year's GNP Service-connected witerans'		140,600 146,800 14	50,000 69,300 15	32,700 100,000 43	2,300 8,500 74	1,000 3,700 123	270 1,100 2	100-140 400-880 104	67 170 14	82 300 4
benefits *		23,332 (°) 163,932	15,861 (4) 65,861	19,091 11,000 62,791	3,269 1,200 6,800	(3)	2,111 60 2,441	28 20 170	20 14 120	26 10 120

<sup>-</sup> Represents zero. 

1 Figures are rounded and taken from Claudia D. Goldin, Encyclopedia of American Economic Milita p. 938.

1 Total cost to Cct. 1, 1995. For World War I and later wars, benefits are actual service-connected figures from 19 Annual Report of Veterans Administration. For serlier wars, service-connected veterans' benefits are estimated at 40 percents total, the approximate ratio of service-connected to total benefits ance World War I.

2 Total cost to 1995. Interest paymer are a very rough approximation based on the percentage of the original costs of each war financed by money creation and dat the difference between the level of public debt at the beginning of the war and at its end, and the approximate time required pay off the war debts.

4 Unknown.

2 Figures are rounded setimates.

Source: Originally presented in U.S. Congress, Joint Economic Committee, *The Military Budget and National Economic Patrilles*, 191st Congress, 1st seesion (statement of James L. Clayton); subsequently revised and updated by James L. Clayton, University of Utah, Salt Lake City, Utah.

#### No. 523, U.S. MILITARY SALES AND ASSISTANCE TO FOREIGN GOVERNMENTS; 1950 TO 1966

n millions of dollars, except as indicated. For flacal year ending in year shown; see text section 9. Department of Date (DOD) sales deliveries cover deliveries against DOD sales orders authorized under Arms Export Control Act, as well as ea and applicable legislation. For details regarding individual programs, see source)

ITEM	1950- 1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
	49,009	5,660	6,725	11,035	12,713	6,502	18,022	15,319	13,892	11,506	7,059
Weapons and ammunition Support equipment <sup>1</sup>	6,274	2,366	622	3,611 1,948	6,393	2,037 959	7,450 3,623	8,093	6,376 2,053	3,661 1,947	2,403 718
Spare parts and modifications	11,354	1.039	1,863	2,273	1,608	2,122	3,629	3,338	2,760	2.628	1.759
Support services	9,208	1,817	1,530	3,203	3,803	1,384	3,319	2,707	2,702	3.271	2,183
	12,252	581	647	1.024	1,591	882	1,920	723	305	754	69
Military sales deliveries 3	26,026	7,032	7,549	7,894	7,214	9,132	10,544	13,028	9,670	8,643	7,739
	10,170	1,911	2,101	5,673	1,950	3,046	3,884	5,107	5,716	4,940	4,947
	57,484	227	210	229	266	250	395	413	699	758	792
	52,563	108	219	169		309	416	173	129	23 55	28 52
Students trained (1,000) 4	1,868 484	24	28	27	25	28 5	6	47	52 6	7	52

Includes aircraft, ships, support vehicles, communications equipment, and other supplies.

Includes Military Assistance Service Funded (MASF) program data, Section 508(a) drawdown authorit AP Merger Funds es follows: FY 1862—\$134 million; FY 1963—\$234 million; FY 1964—\$642 million; FY 1965—\$758 million.

Includes Military Assistance Service Funded (MASF) program data and Section 508(a) drawdown authority Assistance Service Funded (MASF) program data and Section 508(a) drawdown are serviced (MASF) program data.

ourde: U.S. Defense Security Assistance Agency, Foreign Military Sales, Foreign Military Construction Sales, and Mil Minose Facilit, annual, and unpublished deta.

#### . 524. U.S. MILITARY SALES DELIVERIES AND MILITARY ASSISTANCE DELIVERIES TO FOREIGN GOVERNMENTS, BY COUNTRY: 1950 TO 1986

to of delians. For flacal year ending in year shown; see text, section 9. Represents Department of Defense military deliveries. Includes deliveries made under Military Assistance Program (MAP), Military Assistance Service Funded Program ) and Section 508(a) drawdown authority; excludes training. For explanation of MAP and MASF programs, see source]

		MILITARY S	ALES DEL	VERIES 1		MILITA	RY ASSIS	TANCE D	ELIVER	ES
COUNTRY	1950- 1982	1983	1964	1985	1986	1950- 1982	1983	1984	1985	1986
	75,391.7	13,028.1	9,670.3	8,643.2	7,739.4	54,219.7	172.8	128.7	23.2	28.0
	185.9	1.8	1.2	.8	1.0	34.0				-
	2,111.8	326.1	441.1	448.5	350.0	1.0	-	-	-	13
	1,189.9	15.0 273.0	7.0	119.5	7.3	96.3	10.7	-	-	
***************************************	2.0	2/3.0	195.6		28.1 2.6	1,203.8 31.8	1.2	.6	- 2	
APPLICATION OF THE PROPERTY OF	271.1	8.9	9.7	10.3	25.5	207.2	-	-	-	
8		10.22	2017	1.29	33.25	1,177.2	1.0		-	
***********************************	1,588.9	110.6	139.4	73.8	116.4	80.5	-		-	1
aiwan	1,968.3	401.6	275.0	341.7	253.3	2,554.6	1.5		1	- 5
1	56.3	7.0	10,6	2.5	3.9	83.2	(z)	-	-	
L. D. Lee	794.6	158.6	40.3	49.7	25.9	587.3	-	- 2	- 7	
an Republic	- 5.5	.3	3.6	2.1	3.0	21.5	-	(Z)	(Z)	(z)
100000000000000000000000000000000000000	62.4	28.6	5.2	2.9	8.7	32.0		-	-	
	1,622.5	1,010.4	319.7	581.0	640.3	-	100	-	-	
dor *	22.8	28.1	82.8	114.6	108.5	44.7	18.7	9.0	(Z)	2
	404.0	14.1	45.3	45.9	145.9	182.9 4,045.1	- 3	0	0	1.3
	1,592.4	157.0	106.8	126.0	77.6	1,631.3	34.5	1.0	.5	.4
ıla	30.5	.7	.5	1.1	.9	16.2	(z)	-	-	
S	12.4	12.1	19.5	26.4	59.6	5.6	(Z) (Z) (Z)	(z) (z) .8	(Z)	7.9
8	76.9	28.9	15.7	18.0	12.9	90.3 189.2	(Z) .8	(Z)	1.5	1
	10,670.2	20.0	10.7	10.0	12.0	766.7	.0	.0	1.5	1
	8,033.1	260.7	216.1	484.1	222.1	,	1.6	199		-
	802.0	28.3	54.0	58.4	68.8	2,243.7	1		19	
	1,175.8	385.5	339.3	424.7	208.7	810.3	- 2		1	1 . 5
***************************************	964.8	261.4	77.2	123.1	63.0	462.1	14.0	3.6	7.0	1.2
	111.7	19.9	6.0	8.3	14.4	-	1445	-	1	100
	669.1	72.4	49.8	43.7	85.2	+ +00 -	1.8	-	-	
1	94.4	182.2	209.2	48.8	13.2	1,460.1	.5	- 0	1	
	4.4	9.3	7.3	10.2	9.9	5,9	.4	1 2	-	(Z)
***************************************	29.6	-	-	-	-	12.6	-	-	-	
	97.3	25.9	28.5	9.2	3.6	-	(4)	-		1
	92.9	20.9	4.5	3.6	5.5	(z)	1.00	-	-	1
Parameter Control of the Control of	537.5	50.2	68.6	49.8	39.1	29.6	1	-	-	9
nds	1,504.9	516.6	432.4	394.0	380,0	1,178.1	- 6	-	-	-
aland	150.4	12.5	11.1	9.4	9,0		1.5	- 0	-	-
	5.2	2.5	3.8	1.6	2.3	7.7	1 2	-	-	1
	1,021.9	254.5	191.6	30.0	45.5	862.2	- 2	-	1 0	1 2
	57.6	22.5	4.6	1.4	1.0		1.2	-	-	
	545.0	255.6	453.0	358.3	149.2	650.3	(X) (X) (X)	-		-
v	5.5	.5	,5	2.1	12.5	4.4	(z)	(Z) (Z)	(z) (z)	-
y	160.0	(z) 3.2	2.4	(z) 1.6	(z) 3.6	9.3 75.0	(Z)	(Z)	(Z)	(Z)
69 <sup>3</sup>	176.2	10.6	13.8	16.0	39.7	571.5	19.5	7.2	3.5	1.6
			1 2 2	1000		225	100		130	1
rabia	17,957.8	12.5 6,006.9	25.5	97.6	29.3 2,350.4	447.8	15.9	42.3	4.2	9.6
re	219.1	83.4	3,411.2	2,284.5	147.0	23.9	- 5	- 5		1
orea *	2,036.2	297.8	258.4	258.6	397.8	5,469.4	.7	1.3	.3	(2)
	892.3	68.1	66.2	94.0 25.3	166.4	662.4	16.6	1.7	3.2	(Z)
	155.1	12.3	24.6	25.3	28.5	1.3	(Z)	(Z)	-	-
and	678.9	1.7	20,5	6.4	13.5	-		-	-	7
3	861.6	213.2 161.9	161.6	53.7 123.3	125.1	1,165.3	23	.9	2	2
	96.2	24.7	85.6	158.3	28.6	40.3				-
	978.5	150.4	306.0	392.0	295.8	3,129.8	(Z) 4.3	(z) 3.1	(z) .5	2
(ingdom	3,119.9	478.3	461.1	377.1	381.5	1,012.9	1 - 6	-	-	-
	18.4	.7	3	.7	. 8	40.8	(z)	(z)		
Ha	265.4	32.8	136.5	243.6	80.9		1-1	1-1	-	-
-	1.2		-		-	14,773.9	-	1.4	-	
srmany(Sanaa)	7,145.0	322.6	339.1	224.8	218.2	884.8	1 -	-	- 0	-
via	256.1	15.2	9.8	8.6 21.4	2.8	689.6	- 3	- 3	1	1 3
	72.0	6.7	4.8	11.4	8.4	23.3	(21			1 3
ountries 1	80.0	28.1	55.6	64.2	108.7	857.0	(z) 7.3	10.8	2.3	4.9
and regular costs	B15.2	111.5	208.9	124.6	79.9	1,601.4	37.8	46.4	1.3	(z)

presents zero. Z Less than \$50,000. Includes military construction sales deliveries. Includes Section 508(a) wh authority for military assistance deliveries. Includes MAP and MASF programs for military assistance deliveries. So Less Security Assistance Agency, Foreign Affiliary Sales, Foreign Affiliary Construction Sales, s.rd. Military to Facts, annual.

#### No. 525. Summary of Major Military Forces: 1980 to 1985

[As of Sept. 30]

DESCRIPTION	1980	1984	1985	DESCRIPTION	1980	1984	1985
Army: Divisions	16 168 154 3 8,731 538 61 22 3	16 155 135 4 8,926 639 63 24	17 159 127 4 9,025 669 63 24 3	Navy—Con.  Marine aircraft combat squadrons: Fixed-wing squadrons. Rotary-wing squadrons. Aircraft, number. Air Force: ICBM launchers. Selected aircraft squadrons. Strategic. Air defense Tactical (excluding air-lift)	30 24 4,861 1,054 125 26 6 93 10,116	31 28 5,002 1,031 124 21 5 98 10,297	35 33 5,039 1,023 124 21 5 98 10,427

<sup>&</sup>lt;sup>1</sup> Does not include patrol equadrons. <sup>2</sup> Excludes foreign government-owned aircraft.

Source: U.S. Dept. of Defense, releases and unpublished data.

#### No. 526, ESTIMATED U.S. STRATEGIC NUCLEAR FORCES: 1987

[As of September 30, Represents weapons with intercontinental range, U.S. strategic nuclear forces consist of three parts: Landbased intercontinental ballistic missles (ICBMs), long-range bombers, and submarine-launched ballistic missles (SLBMs). Together these three parts are known as the TRIAD]

LAUNCHER	Number	Warheads per launcher	Total warheads	Yield in megatons	Total megatons	Equivalent megatons 3	Avail- ability <sup>3</sup>	Circular error probable * (feet)
Total	2,023	(x)	11,861	(x)	3,114	3,447	(x)	(x)
ICBMs, total	1,000	(x)	2,289	(x)	1,046	1,277	(x)	(x)
Minuteman II	450	1	450	1.2	540	508	(x)	2,100
Minuteman III	523	3	1,569	.17/.335	415	639	.95	600
Peacekeeper		10	270	.335	91	130	.95	300
SLBMs, total	640	(x)	5,632	(x)	410	961	(x)	(x)
Trident (C-4)	192	8	1,536		154	331	.7	900
Poseidon (C-3)	256	10	2,560	.04	102	299	.62	1,500
Poseidon (C-4)	192	8	1,536	.1	154	331	.62	900
Bombers, total	383	(x)	3,940	(x)	1,658	1,209	(x)	(x)
B-52 G/H	116	4B/4S *	928	(NA)	557	259	.3	(NA)
B-52 G/H (cruise missile)	147	12	1,764	.2	353	603	.3	300
FB-111 *	56	2B/2S 5	224	(NA)	134	62	.3	(NA)
B-1B	64	8B/8S 5	1,024	(NA)	614	285	.3	(NA)

X Not applicable. 

<sup>1</sup> A megaton is the yield of a nuclear weapon equivalent to 1 million tons of TNT. 

<sup>2</sup> A commonly used measure of the urban area destructive power of a nuclear weapon. 

<sup>3</sup> Estimated for on-line weapons in peacetime afert. 

<sup>4</sup> Medium bombers. 

<sup>5</sup> Medium bombers. 

<sup>6</sup> Medium bombers. 

<sup>7</sup> Medium bombers.

#### NO. 527. ESTIMATED SOVIET UNION STRATEGIC NUCLEAR FORCES: 1987

(As of March. Represents weapons with intercontinental range)

LAUNCHER	Number	Warheads per launcher	Total warheads	Yield in megatons 1	Total megatons	Equivalent megatons *	Avail- ability 3	Circular error probable 4 (feet)
Total	2,671	(x)	10,388	(x)	5,844	6,920	(x)	(x)
ICBMs total	1,418	(x)	6,440	(x)	3,687	4,420	(x)	(x)
SS-11		1	440	.95	418	425	(x) .85	3,600
SS-13		1	60	.60	36	43	.85	6,100
SS-17		4	600	.75	450	495	.95	1,200
SS-18	308	10	3,080	.50	1,540	1,940	.95	700
SS-19	360	6	2,160	.55	1,188	1,450	.95	1,300
SS-25	100	1	100	.55	55	67	.85	600
SLBMs, total	928	(x)	2,448	(x)	957	1,242	(x)	4,200 4,900
SS-N-6	272	1	272	(x) .75	204	225	.4	4,200
SS-N-8	292	1	292	.75	219	241	.4	4,900
SS-N-17	12	- 1	12	.5	6	8	.4	4,600
SS-N-18	224	3	672	.5	336	423	(5)	3,000
SS-N-20	80	9	720	.1	72	155	(5)	1,800
SS-N-23	48	10	480	.25	120	190	(5)	2,000
Bombers, total	325	(x)	1,500	(x)	1,200	1,259	(x)	(x)
Bear	100	4	400	1.0	400	400	(NA)	(NA)
Bear-H (cruise missile)		8	400	.25	100	159	(NA)	(NA)
Bison	15	4	60	1.0	60	60	(NA)	(NA)
Backfire	160	4	640	1.0	640	640	(NA)	(NA)

NA Not available. Not applicable. See footnote 1, table 526. See footnote 2, table 526. Estimated for any exapone in peacetime afert. See footnote 4, table 526. These longer-range SLBMs can reach the U.S. from Soviet ports, and would likely have a higher rate of availability.

Course of tables 526 and 527: The Congress of the United States, Congressional Budget Office, Modernating U.S. Strategic Congression Forest: The Administration's Program and Alternatives, May 1965; Trident If Missiles: Capability, Costs, and Alternatives, May 1965; Trident If Missiles: Capability, Costs, and Alternatives, May 1965; Trident If Missiles: Capability, Costs, and Alternatives, May 1965; Trident III Missiles: Capability, Costs, and Alternatives, May 1965; Trident III Missiles: Capability, Costs, and Alternatives, May 1965; Trident III Missiles: Capability, Costs, and Alternatives, May 1965; Trident III Missiles: Capability, Costs, and Alternatives, May 1965; Trident III Missiles: Capability, Costs, and Alternatives, May 1965; Trident III Missiles: Capability, Costs, and Alternatives, May 1965; Trident III Missiles: Capability, Costs, and Alternatives, May 1965; Trident III Missiles: Capability, Costs, and Alternatives, May 1965; Trident III Missiles: Capability, Costs, and Alternatives, May 1965; Trident III Missiles: Capability, Costs, and Alternatives, May 1965; Trident III Missiles: Capability, Costs, and Alternatives, May 1965; Trident III Missiles: Capability, Costs, and Alternatives, May 1965; Trident III Missiles: Capability, Costs, and Alternatives, May 1965; Trident III Missiles: Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability, Costs, and Capability,

No. 528. DEPARTMENT OF DEFENSE—ACTIVE DUTY MILITARY PERSONNEL: 1940 TO 1986
[As of end of flecal year; see text, section 9]

EAR	Total serv- ice (1,000)	Plate per 1,000 popula- tion <sup>1</sup>	YEAR	Total serv- ice (1,000)	Rate per 1,000 popule- tion <sup>1</sup>	YEAR	Total serv- ice (1,000)	Rate per 1,000 popule tion <sup>1</sup>
	458	3.5	1956	2.806	16.6	1972	2.323	11.
	1,801	13.5	1957		16.3	1973		10.0
***************************************	3.859	28.5	1956		14.9	1974		10.
***************************************	9.045	65.9	1959		14.1	1975		9.
	11.452	82.4	1960		13.7	1976		9.
•••••	12,123	86.3	1961	2.484	13.5	1977		9.4
•••••	3,030	21.4	1962	2.806	15.0	1978		9.
	1,583	10.9	1963	2,700	14.3	1979		9.
	1,446	9.8	1964		14.0	1980		9.0
••••	1,615	10.8	1965	2.655	13.7	1961		9.
	1,460	9.6	1966	3,094	15.7	1982		9.
	3,249	21.0	1967	3.377	17.0	1963		9.0
•••••	3,636	23.1	1968		17.7	1964	0.400	9.0
	3,555	22.2	1989		17.1	1965	2,151	9.0
•••••	3,302	20.3	1970		14.9	1986		9.0
	2.935	17.7	1971	2,715	13.1	1		1

id on Bureau of the Census estimated total population (including Armed Forces abroad) as of July 1. It: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual.

#### 129. DEPARTMENT OF DEFENSE PERSONNEL, PAYROLL, AND MILITARY RETIREES: 1950 TO 1986

18t. As of end of flecal year, Payroll: For flecal year ending in year shown; see text, section 9. Excludes "indirect hire" is, i.e., foreign nationals under special agreement by Defense Department with foreign country. See \*\*Identical Statistics, ind \*\*Times to 1970, series Y 904-916, for smiller but not comparable personnel data).

		PERSONNE	L (1,000)			PAYROLL I	(bil. dol.)	_	MILITARY	RETIREES
EAR	Total	Active	duty, tary	Direct hire		Active		Direct hire	Number	Pension pay-
		Total	Percent	civilian		Total	Percent	civilian 3	(1,000)	(bil. dol.)
	2,213	1,460	66.0	753	8.2	5.3	64.6	2.9	132	(NA)
	4,122	2,935	71.2	1,187	13.8	9.1	65.9	4.7	180	(NA)
Parette e e e e e e e e e e e e e e e e e	3,524	2,476	70.3	1,047	15.1	9.3	61.6	5.8	256	(NA)
towns in the same	3,689	2,655	72.0	1,034	18.5	11.4	61.6	7.1	481	(NA)
ADDRESS OF THE PARTY OF THE PAR	4,260	3,066	72.0	1,194	30.7	19.4	63.2	11.3	773	2.5
ANTIQUE DE LA CONTRACTION CONTRACTOR CONTRAC	3,233	2,162	66.9	1,071	32.7	19.9	60.9	12.8	1.012	4.9
impropositi	3,170	2,128	67.1	1,042	34.0	20.2	59.4	13.8	1,073	6.1
enement of the later	3,092	2,082	67.3	1,010	35.0	20.4	58.3	14.6	1,132	7.3
Inmunoconum	3,057	2,075	67.9	982	36.8	21.0	57.1	15.8	1,200	8.2
	3,043	2,062	67.8	980	38.6	21.0	54.4	17.6	1,280	9.0
	2,988	2.027	67.8	960	40.9	22.7	55.5	18.2	1,286	10.3
	3,011	2,051	68.1	960	42.8	24.2	56.5	18.6	1,330	11.9
(11111111111111111111111111111111111111	3,067	2.083	67.9	984	48.1	28.1	58.4	20.0	1,363	13.7
***************************************	3,098	2,109	68.1	990	54.7	32.9	60.1	21.8	1,391	14.9
***************************************	3,150	2,123	67.4	1,026	50.4	27.7	55.0	22.7	1,419	15.9
-1=1417/747111111111	3,182	2,139	66.6	1,043	53.3	28.9	54.2	24.4	1,449	16.4
*************************	3,236	2,151	66.5	1,085	54.6	29.8	54.6	24.B	1,479	17.0
-	3,237	2.169	67.0	1.068	59.5	31.3	52.6	28.2	1,506	17.8

tot available. <sup>1</sup> Source: Beginning 1963, U.S. Dept. of Defense, *Atlas*; data not strictly comparable with earlier years, udes troop subsistence, transportation, movement of personnel, etc. <sup>3</sup> Excludes benefits, etc.

e: Except as noted. U.S. Dept. of Defense, Selected Manpower Statistics, annual; and Military Manpower Statistics,

#### No. 530. MILITARY PERSONNEL ON ACTIVE DUTY, BY SERVICE: 1970 TO 1986

issands. As of end of fiscal year; see text, section 9. Includes National Guard, Reserve, and retired regular personnel on fied or continuous active duty. Excludes Coast Guard. Military cadets, Naval Academy midehipmen, Air Force Academy, i, and other officer candidates are included under enlisted personnel. See also Historical Statistics, Colonial Times to 1970, Y 904–916]

NCH OF RIVICE	1970	1975	1976	1977	1978	1979	1980	1961	1962	1963	1964	1965	1996
<b>J</b>	3,066	2,127	2,091	2,074	2,061	2,024	2,050	2,062	2,100	2,123	2,139	2,151	2,189
officers	13.1	13.7	13.5	13.3	13.2	13.5	13.5	13.7	13.8	14.1	14.2	14.4	14.3
	1.322	784	779	782	771	758	777	781	780	780	780	781	781
B	166	103	98	97	97	97	98	101	103	106	108	110	110
d	1,156	681	681	685	674	661	679	680	677	674	672	671	671
•	200	535	524	530	530	522	527	540	553	558	566	572	581
D		65	64	63	62	62	63	65	67	68	69	71	72
d		470	461	467	468	460	464	475	486	490	496	501	509
OFD8		196	192	192	191	185	188	191	193	194	196	196	199
B		19	19	19	18	18	18	18	19	20	20	20	20
d		177	174	173	173	167	170	172	174	174	176	170	<b>e</b> 179
	791	612	585	570	569	559	558	570	583	/ 583			5 / <b>a</b> c
<b></b> /	130 /	105	100	96	95	96	98		/ 103			B / 10	<b>xe</b> / <b>xe</b>
	662	507	486	474	474	463	460					10	183

1.8. Dept. of Defense, Selected Manpower Statistics, annual.

# No. 531. MILITARY PERSONNEL ON ACTIVE DUTY, BY LOCATION: 1970 TO 1986 [In thousands, 1970–1975 as of Dec. 31; thereafter, as of end of flocal year; see text, section 9]

	TO	TAL	I toka d	For		TO	TAL		For-
YEAR	Shore- based 1	Naval afloat <sup>2</sup>	United States 3	coun- tries	YEAR	Shore- based 1	Nevel affoat <sup>2</sup>	United States *	coun- tries
1970	1,982 1,929 1,884	247 229 239 220 211 200 217 221 228	1,967 1,846 1,752 1,709 1,660 1,630 1,626 1,815 1,591	667 673 596 493 480 455 458 460 472	1979 1980 1981 1982 1983 1984 1985 1986	1,869 1,860 1,869 1,908	204 211 214 229 234 230 251 240	1,569 1,562 1,581 1,580 1,604 1,628 1,636 1,644	458 458 502 528 519 510 516 528

<sup>&</sup>lt;sup>1</sup> Includes Nevy personnel temporarily on shore. <sup>2</sup> Includes Marine Corps. <sup>6</sup> Includes outlying areas. Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual; and unpublished data.

#### No. 532. Coast Guard Personnel on Active Duty: 1970 to 1986

[As of end of fiscal year; see text, section 9]

YEAR	Total	Officers	Cadets	Enlisted	YEAR	Total	Officers	Cadets	Enlisted
1970	26 706	5,512 5,630 6,340 6,463 8,519	653 1,177 806 677 961	31,524 29,981 31,413 32,041 32,260	1982	36,246 39,708 36,705 36,595 37,284	6,431 6,536 6,790 8,775 6,577	902 811 759 733 754	30,915 32,362 31,156 31,087 29,963

Source: U.S. Dept. of Transportation, Annual Report of the Secretary of Transportation.

# NO. 533. VIETNAM CONFLICT—U.S. MILITARY FORCES IN VIETNAM, AND CASUALTIES: 1957 TO 1986 [Military forces as of Dec. 31. All U.S. forces withdrawn by Jan. 27, 1973]

ITEM	Unit	1957- 1986, total	1957- 1964	1965	1966	1967	1968	1969	1970	1971	1972	1973- 1986
Military forces  Battle deaths  Killed Died of wounds Died while missing	1,000 Number Number Number	(x) 47,378 38,530 5,196 3,652	1 23,3 279 197 10 72	1,432			14,623	8,117	4,230	1,376	24.2 361 205 28 128	1,141 28 8 1,105

Represents zero. X Not applicable. <sup>1</sup> For 1984 only. <sup>2</sup> Casualties from enemy action. Deaths exclude 10,792 servicemen who died in accidents or from disease. <sup>3</sup> includes servicemen who died while captured.
 Source: National Archives and Records Administration, "Combet Area Casualty File," (3-330-80-3).

#### No. 534, ARMED FORCES PERSONNEL—SUMMARY OF MAJOR CONFLICTS

[For Revolutionary War, number of personnel serving not known, but estimates range from 164,000 to 250,000; for War of 1612, 266,730 served; for Mexican War, 78,718 served. Dates of the major conflicts may differ from those specified in verticus lause providing benefits for veterans. See table 533 for data on Vietnam conflict. See also Historical Statistics, Colonial Times to 1870, series Y 856-903)

ПЕМ	Unik	CMI War <sup>1</sup>	Spenish- American War	World War i	World War II	Korean conflict	Vietnam conflict
Personnel serving	Months Percent Months 1,000	20 (NA) (NA) 140 282 777 522	307 8 * 29 1.5 (Z) 2 (X) (X) (X)	4,744 12 53 5.5 53 204 24,234 3,764 803 2,820	* 16,354 33 73 16.2 292 677 17,955 6,420 10,022	* 5,764 19 * 56 13.4 34 103 9,123 3,665 1,189 1,560	*8,811 28 (na) *47 *304 *75,717 *8,811 *3,000 *1,780

NA Not available. X Not applicable. Z Fewer than 500. ¹ Union forces only. Estimates of the number serving in Correlederate forces range from 600,000 to 1.5 million. ¹ Covers Dec. 1, 1941, to Dec. 31, 1946. ¹ Covers June 25, 1990, to July 27, 1983. ¹ Covers Aug. 4, 1994, to Jen. 27, 1973. ¹ Army and Marines only. ¹ Excludes Nevy. Covers July 1890 through Jen. 1955. Far East area only. ¹ During hostilities only. ¹ For periods covered, see footnotes 2, 3, and 4. ¹ Covers Jen. 1, 1861, to Jen. 27, 1973.

Source: The President's Commission on Veterans' Pensions, Veterans' Benefits in the United States, vol. I, 1956; and U.S. Dapt. of Deterans, unpublished date.

#### No. **535.** ENLISTED MILITARY PERSONNEL ACCESSIONS: 1980 TO 1986 [In thousands. For years ending Sept. 30]

BRANCH OF SERVICE	1980	1984	1985	1986	BRANCH OF SERVICE	1980	1984	1985	1986
Total	356 204 22 265 163 97	305 224 20 220 134 86	529 287 216 26 200 117 84	551 299 226 26 216 127 89	Navy First enlistments Reenlistments Marine Corps First enlistments Reenlistments Air Force First enlistments Reenlistments Reenlistments	127 75 36 58 42 15 132 76 56	122 69 53 62 41 21 126 62 64	117 67 50 54 36 19 132 68 64	123 70 53 56 36 20 131 67

Source: U.S. Dept. of Defense, Selected Manpower Statistics, annual; and Military Manpower Statistics, monthly.

#### No. 536. Reserve Officers Training Corps (ROTC)—Enrollment: 1970 to 1966

[In thousands. For Itley, or end of school year. Jr. ROTC refers to enrollment in high schools, academies, junior colleges, and National Defense Cadet Corps schools; includes Jr. ROTC in all service branches]

ITEM	1970	1973	1974	1975	1976	1977	1973	1979	1980	1961	1982	1963	1984	1996	1980
Benior ROTClunior ROTC		80 140	56 155	61 164	86 158	76 152	80 156	84 144	91 186	100 156	103 191	99 176	111 212	99 216	97 218

Source: U.S. Dept. of Defense, unpublished data.

# No. 537. MILITARY PERSONNEL ON ACTIVE DUTY BY GRADE IN WHICH SERVING: 1983 TO 1986 [In thousands. As of Sept. 30]

RANK/GRADE	1963	1984	1980	1980	RANK/GRADE	1963	1984	1963	1980
Total 1	2,123.3 136.7	2,138.2 129.8	2,151.0 127.6	2,160.1 132.6	Chief Warrant—W-3 Chief Warrant—W-4 2nd Lt.—O-1	5.8 2.3 38.5	5.5 2.6 30.5	5.2 3.2 39.7	4.9 3.3 3 <b>9.</b> 2
Private E-2 Pvt. 1st class E-3 Corporal E-4	371.4 41 <b>3.2</b>	137.2 368.1 424.0	140.6 336.3 444.4	148.7 328.6 443.9	1st Lt.—O-2 Captain—O-3 Major—O-4	43.1 96.3	41.6 101.7 52.3	42.7 104.4 53.3	44.4 104.7 54.4
Sergeent—E-6 Stell Sgt.—E-6 Sgt. 1st class—E-7 Vester Sgt.—E-6	124.8	351.2 231.7 126.9 37.9	356.2 237.8 131.9 36.5	361.1 241.6 133.4 39.0	Lt. Colonel—O-5 Colonel—O-6 Brig. General—O-7 Major General—O-8	32.5 14.5 .5	32.6 14.6 .5	32.8 14.7 .5	32.7 14.6 .5
Sgt. Mejor—E-9 Warrant Officer—W-1 Chief Warrant—W-2	14.0	14.3 2.7 8.9	15.1 2.4 9.4	15.5 2.2 9.5	Lt. General—O-9 General—O-10	.1 (z)	.1 (z)	.1 (z)	(2)

Z Lees than 50. I includes cadets and midshipmen.

Source: U.S. Dept. of Defense, Office of the Comptroller, Selected Manpower Statistics, annual.

#### No. 536. Monthly (January) Rates of Military Basic Pay: 1984 to 1987

PAY GRADE AND YEARS OF SERVICE <sup>1</sup>	1964	1965	1980 *	1987	PAY GRADE AND YEARS OF SERVICE <sup>1</sup>	1964	1985	19 <b>0</b> 0 *	1957
Recruit—E-1 (0-2) Private—E-2 (0-2)	\$596 669	\$620 695	\$639 716	\$658 738	2d Lt.—O-1 (0-2)		\$1,189 1,495	\$1,224 1,540	\$1,261 1,566
Pvt. 1st class—E-3 (0-	695	723	745	767	CaptainO-3 (6-8)	2,092	2,176	2,241	2,308
Corporal—E-4 (2-3)	779	810	835	860	MejorO-4 (14-16) Lt. ColonelO-5 (20-	2,648	2,754	2,836	2,921
Sergeent—E-5 (4-6) Staff Sgt.—E-6 (12-14)	942 1,250	980 1,300	1,009 1,339	1,040 1,379	22) Colonel—O-6 (26-30)	3,282 4,163	3,413 4,330	3,516 4,460	3,621 4,593
Sgt. 1st Class—E-7 (18–20)	1,523	1,584	1,631	1,680	Brig. General—O-7 (28- 30)	4,738	4,928	5,075	5,228
Mester Sgt.—E-8 (20- 22)	1,748	1,818	1,873	1,929	Maj General—O-8 (26- 30)	5.450	5,667	* 5,725	* 5.900
Sgt. Mejor—E-9 (22-26) Warrant Officer—W-1	2,100	2,184	2,249	2,317	Lt. General—O-8 (26- 30)	* 5,500	* 5,725	* 5.725	* 5,900
(10-12) Chief WarrantW-4	1,438	1,495	1,540	1,586	General—O-10 (26-30)	* 5,500	* 5,725	* 5,725	5,900
(26-30)	2,627	2,732	2,814	2,898			ľ		l

Longevity pay step of typical military member. 2 As of October 1985. 2 Statutory limitation.

Source: U.S. Dept. of Defense, Office of the Comptroller, unpublished data.

#### No. 539. DISCHARGES, DESERTION AND ABSENT-WITHOUT-AUTHORITY RATES FOR MILITARY PERSONNEL: 1970 TO 1986

[For flecal year ending in year shown; see text, section 9. Rate per 1,500 average end-of-month strength]

YEAR	Total discharges	Honora- ble 1 2	Gen- eral 1 3	Other than honora- ble 1 4	Bad con- duct * 6	Dis- honora- ble <sup>5</sup> <sup>7</sup>	De- sertion rate *	Absent- without- authority rate *
1970	1,136,140 682,952	1,081,556 603,058	29,334 48,999	20,911 27,015	3,964 3,587	375 293	33.6 26.3	86.3 86.6
1980	541,558 530,718	499,950 481,684	23,541 27,399	15,553 17,615	2,242 3,633	272 387	17.9	46.8 42.3
1982 1983	523,014 10 531,398	466,666 447,511	33,294 35,582	18,071 23,176	4,653 5,757	330 138	10.9 6.7 6.5	34.3 22.4 20.8
1984	10 517,897 10 505,640	423,660 426,244	32,194 27,639	24,883 20,627	5,617 4,939	268 287	6.3	17.1
1986	10 11 512,462	11 426,931	11 26,581	11 21,790	11 3,198	11 646	6.2	16.8

<sup>1</sup> Administrative discharge.
2 Based on proper military behavior and proficient performance of duty; honsest and faithful service.
3 Discharge under honorable conditions; satisfactory service; military record not sufficiently meritorious for honorable discharge.
4 Unsatisfactory service (misconduct, security or resignation/request for discharge).
5 Unsatisfactory service (misconduct, security or resignation/request for discharge).
5 Unsatisfactory service (misconduct, security or resignation/request for discharge).
6 Unsatisfactory service (misconduct) repeated convictions of minor offenses or less serious feliony type offense.
7 Administrative discharge (military service) resignation for the service of the service o

Source: U.S. Dept. of Defense, unpublished data.

#### No. 540. MILITARY RESERVE PERSONNEL: 1970 TO 1986

[In thousands. As of end of flecal year; see text, section 9. Excludes U.S. Coast Guard Reserve. The ready reserve includes selected reservists who are intended to assist active forces in a war and the individual ready reserve who, in a major war, would be used to fill out active and reserve units and later would be a source of combat replacements; a portion of the ready reserve serves in an active status. The standby reserve cannot be called to active duty unless the Congress gives its explicit approval. The retired reserve represents a low potential for mobilization]

RESERVE STATUS AND BRANCH OF SERVICE	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Total reserves	3,639	2,656	2,249	2,118	2,109	2,169	2,267	2,250	2,295	2,310	2,370	2,43
Ready reserve	2,574	1,529	1,183	1,144	1,203	1,263	1,317	1,359	1,419	1,491	1,566	1,61
	492	412	274	183	103	86	65	52	44	44	44	4
	573	715	792	791	803	821	885	839	832	775	760	78
Army	2,221	1,631	1,243	1,178	1,173	1,218	1,337	1,360	1,408	1,428	1,481	1,50
	808	521	476	435	427	438	436	415	423	425	431	46
	610	504	530	506	509	514	494	476	463	457	459	46

Source: U.S. Dept. of Defense, Official Guard and Reserve manpower strengths and statistics, quarterly.

#### No. 541. MILITARY RESERVE COSTS: 1970 TO 1986

[In millions of dollars. As of end of fiscal year; see text, section 9. Army and Air Force data include National Guard]

TYPE OF COST	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
Total Operations and maintenance Personnel Procurement Active-duty support Construction	2,547 994 1,083 187 234 49	4,789 2,092 1,679 518 324 176	6,881 2,718 1,932 1,689 365 176	7,049 2,951 2,031 1,506 389 172		9,870 4,164 3,012 1,955 506 233	10,370 4,716 3,776 1,008 556 314	12,073 5,137 4,633 1,627 386 291	15,544 5,128 3,757 5,923 433 303	19,439 5,734 7,704 5,003 591 408	19,631 5,770 8,500 4,383 607 371

Source: U.S. Dept. of Defense, unpublished data.

#### No. 542. NATIONAL GUARD—SUMMARY: 1970 TO 1986

[As of end of flecal year; see text, section 9. Includes Puerto Rico]

ITEM	Unit	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
Army National Guard: Units Personnel <sup>1</sup> Funds obligated <sup>2</sup> Value of equipment Air National Guard: Units Personnel <sup>1</sup> Funds obligated <sup>2</sup> Value of equipment (est.)	Number	410 752 1,600 958 90 467	403 1,322 4,100 1,106 96 890	347 1,654 7,600 1,020 93 1,250	368 1,802 7,600 1,054 97 1,678	8,100 1,054 98	409 2,708 8,600 1,060 101 2,268	3,429 418 2,980 13,100 1,185 102 2,478 6,300	4,351 434 3,093 14,300 1,202 105 2,488 3 17,500	4,353 438 4,387 18,800 1,184 109 2,813 21,400	4,464 450 4,820 19,700 1,200 113 2,807

NA Not available. <sup>1</sup> Officers and enlisted men. <sup>8</sup> Federal funds; includes personnel, operations, maintenance, and military construction. <sup>9</sup> Increase due to repricing of aircraft to current year dollars to reflect true replacement value. Source: National Quard Bureau, Annual Review of the Chief, National Guard Bureau, and unpublished data.

#### No. 543, LIVING VETERANS-STATES AND OTHER AREAS: 1970 TO 1986

se in thousands. As of end of flood year; see text, section 9. Data were developed from benchmark veteran population as of April 1, 1990, based on 1999 Cansus of Population data on veteran's place of residence, extended to later years i basis of 1975–1990 veteran interstate migration statistics from the 1990 census; not directly comparable with earlier las previously published by the VA. Excludes a small indeterminate number of National Guard personnel or reservists who di service-connected disabilities while on an initial tour of active duty for training only. Detail may not add to total shown rounding)

		L		w	AR VETERAL	48			Service	
					Koreen	conflict	Vietna	m en	be- tween	Doet.
ND STATE OR OTHER AREA	Total veter- ans 1	Total *	World War I	World War II *	Total • 4	No service in World War II	Total 4	No service in Koreen conflict	Korea and Viet- nam only	Post- Viet- nem era *
	26,976 26,640 26,563 26,399 26,202 26,027 27,732	23,160 23,965 23,716 23,421 23,109 22,782 22,274	1,425 461 404 348 297 250 208	13,867 11,720 11,491 11,241 10,978 10,700 10,346	5,440 5,434 5,363 5,346 5,294 6,237 5,135	4,167 4,331 4,308 4,260 4,249 4,215 4,143	4,100 6,118 8,175 8,210 8,236 8,263 8,215	3,618 7,453 7,513 7,551 7,564 7,616 7,578	3,173 3,066 3,076 3,064 3,061 3,037 3,000	(x) 1,120 1,320 1,479 1,823 1,803 2,058
l, total	• 27,002	• 22,017	171	10,076	5,105	4,134	8,264	7,002	3,004	2,263
lates	27,567	21,920	170	10,046	5,070	4,102	8,220	7,002	2,263	2,267
his	409 89 402 287 2,879 400 398 78	325 54 323 210 2,323 317 321 82	2 (X) 2 2 18 2 2 (X)	147 14 155 101 1,051 119 158 28	85 11 75 46 584 76 75	86 9 54 37 434 59 63	122 33 127 79 907 154 103 23	108 31 112 71 821 136 89 21	44 9 38 28 311 44 47 6	34 6 38 25 200 34 26 7
e	90 1,461 649 102 117 1,276 654 340	49 1,186 504 81 93 1,014 503 272	B3 NB - 8 4 3	24 655 203 33 36 471 215 115	12 250 123 21 20 223 114 59	9 192 95 16 17 197 100 53	16 398 228 37 38 348 190 103	14 335 293 32 36 336 164 100	6 124 89 11 13 146 78 38	6 113 86 9 10 97 67 29
h ky ky ky ky ky ky ky ky ky ky ky ky ky	268 374 436 154 536 696 1,040 501	234 266 343 123 423 560 807 396	3 3 2 1 2 5 6	108 134 153 55 189 285 344 161	52 66 77 29 107 127 173 89	43 58 81 23 82 105 156 77	110 137 47 165 173 310	82 103 126 43 149 164 302 152	31 41 46 16 60 78 119	21 29 40 14 45 51 102 41
stppi	236 637 107 189 136 140 898 170 1,889	185 506 85 150 109 111 721 135 1,501	1 4 1 2 - 1 5 1 13	91 229 35 64 46 47 369 58 761	47 119 18 36 29 26 186 32 32	37 80 15 31 21 21 143 24 292	65 185 38 57 47 46 214 59 447	57 174 34 53 41 42 204 59 435	24 68 12 21 17 18 105 16 208	21 55 9 15 10 13 59 17
Carolina Dekota Ima In In In In In Internal Internal Internal Internal Carolina Dekota	660 73 1,320 402 355 1,541 121 361 79	541 57 1,034 325 265 1,236 96 277 63	3 (Z) 7 3 3 9 1 1	246 22 478 140 122 623 51 122 26	127 12 221 75 59 286 23 89 16	104 11 194 58 47 228 16 52	207 24 366 136 119 390 32 117 22	186 23 355 124 113 375 30 101	89 9 146 41 39 173 12 36 9	60 7 123 30 27 114 9 32 7
rt	527 1,781 154 84 671 595 227 589 60	416 1,409 125 49 530 476 182 440 48	3 8 1 (2) 3 4 2 4 (2)	182 589 52 21 235 194 85 167	94 325 28 11 148 114 39 95	78 250 23 9 104 84 33 64	186 623 52 20 226 217 67 189 23	153 562 49 19 189 194 82 165	58 190 17 7 71 86 23 72 7	47 157 11 7 61 46 16
	125	96		30	36	32	36	34	12	16

presents zero. X Not applicable. Z Fewer than 500. <sup>1</sup> Beginning 1990, includes peacetime veterans not sparstely, who served only between World War II and World War II, and those who, or in both the Korean Conflict and the area on onlike. <sup>1</sup> Veterans who served in both World War II and the Korean conflict and the era, are counted only once. <sup>9</sup> Includes 971,000 who served in both World War II and the Korean conflict and the date 629,000 who served in both the Korean conflict. <sup>8</sup> There is a served only once on

U.S. Veterane Administration, unpublished data.

#### No. 544. LIVING VETERANS, BY AGE AND PERIOD OF SERVICE: 1986

[in thousands, except as indicated, As of Sept. 39, Estimated, Includes Puerto Rico. See hadrots, table 543. See Historical Statistics, Colonial Times to 1970, series Y 943-956, for all veterans]

					KOREA		Peace-		VIETNAM			
AGE IN 1980	Total veter- ans	World War I	World War II 1	Total 1 9	Only in Kores	Also in WW II	time service be- tween Koree and Viet- nem only	Total s	Only in Viet- nern	Also in Korea	Post- Viet- nern era peace- time *	Other peace-time 4
All ages	* 27,636	171	10,076	5,105	4,134	971	3,004	8,264	7,636	629	2,203	270
Under 24 years	1,266 1,731 3,201 2,937 2,420 6,367	- - - - 171 89.8	1,319 8,757 65.1	- - - 165 4,076 654 56.8	165 3,823 148 55.0	252 716 63.2	- 18 491 1,565 922 19 46.3	130 1,160 3,069 2,411 702 557 228 39.7	130 1,160 3,069 2,411 679 164 11 39.3	23 393 215 54.2	381 1,156 551 123 34 21 14 28.4	- - - 146 234 66.8

<sup>-</sup> Represents zero. I includes 971,000 who served in both WW II and Korean Conflict. Includes 629,000 who served in both the Korean Conflict and the Visinam Era. Service only after May 7, 1975. Includes those who served only between World War II and World War II, and those who served only between World War II and the Korean Conflict. There are also 5 living Spenish-American War veterans whose median age is 103 years, and 63 living Medican Border Conflict veterans. Computed from data by single year of age.

#### No. 545. DISABLED VETERANS RECEIVING COMPENSATION: 1970 TO 1986

(in thousands, except as indicated. As of end of flocal year; see text, section 9. Represents veterans receiving compensation service-connected disabilities. Totally disabled refers to veterans with any disability, mental or physical, deemed to be to and permanent which prevents the individual from maintaining a livelihood and are rated for disability at 100 perceives.

MILITARY SERVICE	1970	1975	1975	1900	1961	1980	1990	1984	1006	1986
Disabled, all periods 1	2,002	2,203	2,263	2,274	2,276	2,275	2,263	2,251	2,203	2,235
Peace-time	185 65 1,416 239 167 134 16 11 63 16 18	194 55 1,308 240 423 123 16 6 58 16	240 34 1,216 237 537 121 19 3 53 16 30	262 30 1,193 236 553 121 20 3 51 16	284 25 1,165 234 568 135 23 2 58 18	302 22 1,140 231 579 198 24 2 57 16 37	319 16 1,111 229 587 139 25 2 58 17	336 15 1,000 228 596 137 25 1 66 17 38	362 12 1,049 223 604 136 28 1 54 17 36	367 10 1,015 220 613 139 26 1 51 16 39
Compensation (mil. dol.)	2,203	3,797	8,284	6,104	0,930	7,504	8,067	8,841	8,270	8,379

<sup>&</sup>lt;sup>1</sup> Includes Spanish-American War and Mexican Border service; not shown separate

#### No. 545. VETERANS BENEFITS-EXPENDITURES, BY PROGRAM: 1970 TO 1986

(in millions of dollars. For flocal years ending in year shown; see text, section 9. All data are on an accrued expenditure bes

PROGRAM	1970	1970	1979	1980	1961	1902	1963	1984	1985	1006
Total 1	10,201	18,003	22,178	23,187	25,203	26,937	30,196	20,404	30,119	31,200
Compensation and pensions *	5,330	7,551	10,540	11,257	12,492	13,348	13,861	13,942	14,234	14,383
Post-Korean veterans education 3	939	4,529 4,185	2,800 2,450	2,363 2,068	2,333 1,968	2,001 1,474	1,678 1,394	1,043 1,146	1,189 912	907
Dependents' educational assistance	42	183 73	204 96 12	194 66 12	206 114 12	197 117 12	172 118 13	154 110 13	145 107 15	123 100 16
Grants for special adaptive housing	8	14 97	23 15	19	16 14	17 180	-32	-36	16 -26	-100
Medical services and administ. expenses Hospital and domiciliary construction <sup>6</sup>	75	3,919 136	6,206 293	6,647 342	7,199 458	8,009 481	8,722 458	9,123 486	9,992 557	10,200 567
Insurance and indemnifies.  Loan gueranty revolving fund		1,348 423 84	1,433 463 57	1,837 445 49	1,693 553 19	1,701 825 10	1,694 1,167	1,750 1,511 8	1,803	2,000 2,007
Miscellaneous expenditures	131	17	306	427	450	562	587	631	679	720

e expenditures from personal funds of patients, includes expenditures from VA Revolving Supply Fund and ine \* includes expenditures for statutory burial awards, special clothing allowance, mortgage life insurance, inve-and markers, and other expenses. \* Includes post-Vietnam veterans. \* Includes National Cancer is \* includes openditures for health manpower training facilities.

Source of tables 544 and 545: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs*, and unpublished data.

Rource: U.S. Veterane Administration, Annual Report of Administrator of Veterane Affairs.

#### NO. 547. VETERANS BENEFITS—EXPENDITURES FROM APPROPRIATED FUNDS, BY WAR: TOTAL AND 1940 TO 1986

n millions of dollars. For flecal year ending in year shown; see text, section 9. Refers to expenditures of Veterans Administration and predecesor agencies. See also Historical Statistics, Colonial Times to 1970, series Y 971-983]

OD EAR	Total, all wars	Mexi- can War and Indian Wars	Civil War	Span- ish- Ameri- can War	World War I	World War II	Korean Conflict <sup>1</sup>	Service be- tween Korea and Vietnam only	Viet- nam <sup>s</sup>	Peace- time
	3 441,817	192	8,574	5,897	72,337	206,614	39,890	10,236	76,270	23,501
9	3 18,914	147	8,356	1,537	8,557	(x)	(x)	(x)	(x)	198
944	3,016	14	102	663	1,840	281	(x)	66	(x) (x)	116
949	27,139	11	49	798	2,783	23,317	(x) (x)	(3)	(%)	181
954	25,564	7	28	821	4,638	18,878	823	(x) (x) (x)	(x) (x)	369
959	24,723		15	696	6,835	10,956	5,674	(x)	(x)	542
964	28,466	5 2	13	528	9.365	13,421	4,142	(x)	(x)	995
969	34,673	(2)	6	334	9,646	16,732	3,656	1,569	1,331	1,399
974	57,154	(z) 3	5	229	9,584	23,474	4,707	3,496	13,676	1,980
979	98,085	2		192	10,256	40,397	8,013	4,029	30,805	4,391
984	122,712	(z)	(z) (z)	102	9,198	58,088	12,387	1,710	30,097	11,129
200	100000000000000000000000000000000000000		100	233	3,000	100000000000000000000000000000000000000		2000	2000	0.00
***********	8,905	(z) (z)	1	54	1,944	3,881	898	481	1,328	318
**********	10,240	(Z)	1	51	1,917	4,317	865	648	2,083	358
-	11,314	1 1	1	45	1,980	4,699	905	728	2,571	384
***	12,817	1 1	1	40	1,908	5,138	988	791	3,535	415
***********	13,878	1	1	39	1,835	5,439	1,051	848	4,159	505
	16,419	1	(Z)	38	1,897	6,196	1,219	1,089	5,392	587
	18,798	1	(z)	39	1.861	7,024	1,378	1,246	6,509	740
morron	23,063	(2)	(2)	45	2,401	9,616	1,900	617	7,447	1,037
E PRODUCTION OF	19,529	(2)	(z)	35	2,001	8,421	1,686	532	5,902	952
************	20,276	(2)	(z)	35	2,096	9,140	1,830	545	5,555	1,075
NAME OF TAXABLE PARTY.	21,299	(7)	(2)	36	2,063	9,841	2,044	614	5,463	1,238
	22,863	(z) (z) (z) (z) (z)	(1) (1) (1) (1)	18	1,727	10,656	2,309	528	5,889	1,736
talian in the	24,356	(2)	(7)	18	1,653	11,469	2,596	568	6,085	1,966
	25,914	1 /51	(2)	16	1,543	12,024	2,753	(*)	6,291	*3,287
Description	28,280	(z) (z) (z)	(z) (z) (z)	14	2,213	14,098	2,685	(5)	6,369	*2,902
***********	27,540	1 4	(2)	15	1,288	12,539	3,084	(5)	6,446	8 4,167
	28,900	2	(Z) (Z)	13	1,245	12,652	3,191	(5)	7,222	4,575
	20,900	2	(2)	13	1,240	12,002	3,191	(-)	1,222	4,5/5

ot applicable. Z Less than \$500,000. 

June 27, 1950 to Jan. 31, 1955. 

Service from Aug. 5, 1964, to May 7, 

Includes \$70 million for the Revolutionary War and \$49 million for the War of 1812. 

4 15 months ending Sept 30. 
settime combined with service between Korea and Vietnam only.

### . 545. VETERANS COMPENSATION AND PENSION BENEFITS—NUMBER ON ROLLS AND AVERAGE PAYMENT, BY PERIOD OF SERVICE AND STATUS: 1980 TO 1986

Bept. 30. Living refers to veterans receiving compensation for disability incurred or aggravated while on active duty and war are receiving pension and benefits for nonservice connected disabilities. Decessed refers to decessed veterans whose ndents were receiving pensions and compensation benefits. See also Historical Statistics, Colonial Times to 1970, series Y 8991

OF SERVICE AND VETERAN		VETER	ANS ON	ROLLS	(1,000)		- 1	AVERAGE	PAYMEN	r (annua	d basis)	
STATUS	1980	1982	1983	1984	1985	1986	1980	1982	1983	1984	1985	1986
<b>id</b>	4,646	4,407	4,286	4,123	4,006	3,899	\$2,370	\$2,981	\$3,197	\$3,335	\$3,505	\$3,647
reterans	3,195	3,099	3.044	2,980	2,931	2,883	2,600	3,244	3,450	3,534	3,666	3,720
ce connected		2,275	2,263	2,251	2.240	2.225	2.669	3,339	3,538	3,573	3,692	3,756
ervice connected		824	781	730	690	658	2,428	2,982	3,193	3,416	3,581	3,600
ed veterans		1,308	1,242	1.143	1.075	1.016	1.863	2,356	2,576	2,813	3,066	3,288
ce connected		350	346	342	336	331	3.801	4,859	5.276	5,471	5,836	6,144
ervice connected		957	896	801	739	685	1,228	1,440	1,533	1,680	1,809	1,908
World War I	14	11	9	8	7	6	1,432	1.624	1,685	1,777	1,855	1,908
1	First.	(Z)	(Z)	(z)	(z)	(z)	2.634	3,183	3,440	4.031	4,436	5,388
ased		11	9	8	7	6	1,403	1,596	1,658	1,749	1,822	1,872
Nar I		571	515	435	381	334	1,683	1.981	2,077	2,276	2,461	2,532
1	400	139	114	87	68	53	2,669	3,336	3,568	4.009	4,439	4,476
ased	1000	432	401	348	313	281	1,288	1.547	1,653	1,841	2.029	2,160
Nar II		2,353	2.273	2,180	2.097	2,020	2.307	2.866	3.061	3,172	3,317	3,408
Impanionananananananan	4 0 40	1,745	1.691	1,631	1,575	1,518	2,462	3.057	3.246	3,331	3,460	3,504
ased	2000	608	582	549	522	502	1,880	2,321	2,523	2,697	2,888	3,096
conflict *	446	428	419	407	399	395	2.691	3.466	3.742	3.918	4,114	4,248
1	047	315	313	311	309	308	2,977	3,764	4.013	4,119	4,260	4.344
ased	400	113	105	96	90	87	1,990	2.630	2,933	3,265	3,615	3.912
time	212	353	370	387	404	419	3.080	3,729	3,901	3.895	3,973	3,996
1	202	302	319	335	352	367	2,828	3,398	3,545	3,528	3,589	3,888
ased	EA	51	51	52	52	52	4,399	5.697	6,118	6.265	6.577	6,468
n era <sup>3</sup>	7.22	691	700	707	716	726	2,795	3,532	3,783	3.864	4,021	4,128
	500	598	607	616	626	637	2,709	3,417	3,654	3,714	3,849	3,936
ased	02	93	93	91	90	89	3,324	4.273	4.621	4.880	5,220	5,460

Sewer than 500. Averages calculated by multiplying everage monthly payment by 12. Service during period June 10, to Jen. 31, 1955. Service from Aug. 5, 1964, to May 7, 1975.

se: U.S. Veterans Administration, unpublished data.

It U.S. Veterane Administration, Annual Report of Administrator of Veterans Affairs, and unpublished data.

No.	549.	<b>VETERANS</b>	ADMINISTRATION	HEALTH C	ARE	SUMMARY:	1980	то	1986
			(For years o	order Sept. 3	301				

ITEM	Unit	1980	1985	1986	ITEM	Unit	1980	1985	1986
Facilities operating: Hospitals. Domiciliaries Outpatient clinics Nursing home units	Number Number Number	16	172 16 226 115	172 16 228 117	Radiology examinations	Million 1,000 1,000	5.7 1,359 1,275 84	5.4 1,435 1,339 96	5.5 1,462 1,365 97
Employment 1	1,000	194	203	200	Average daily inpatients * VA facilities	1,000	105	100	99 73
Obligations *	Mil. dol Mil. dol Mil. dol	6,215 5,972 138	9,258 8,936 227	9,544 9,275 186	Other facilities Outpatient medical visits	1,000	18.0	19,6	26 20.2
Prescriptions dispensedLaboratory procedures	Million	36.7 215	48.1 173	52.1 183	Fee-basis	Million	15.8	17.8	18.5

#### No. 550. VETERANS ASSISTANCE TO PERSONS IN EDUCATION AND TRAINING PROGRAMS: 1975 TO 1986

[In thousands. For flecal years ending in year shown; see text, section 9. Represents persons in training during year]

PROGRAM	1975	1979	1980	1961	1982	1963	1984	1980	1996
Poet-Korea Education Assistance  institutions of higher education Resident schools other than college Correspondence schools. On-the-job training.	1,693 420 367	1,279 968 175 51 84	1,107 842 149 42 74	949 736 122 35 55	776 620 96 21 36	644 517 86 13 25	528 421 78 10 19	402 326 54 7 15	308 257 35 6
Children's Educational Assistance	64.7 6.3 .1	85.7 77.9 7.2 .1	82.6 75.5 6.5 .1	82.6 74.6 7.5 .1	80.3 72.1 7.8 (Z)	70.9 83.7 7.0 (z)	63.6 57.1 6.2 .1	55.3 50.0 5.2 (Z)	48.4 43.9 4.3 (2)
Spouses, Widows/Widowers Educational Assistance Program Institutions of higher education Schools other than college On-the-job training 2	12.2	17.3 14.0 3.2 (Z)	13.0 10.8 2.2 (Z)	11.9 10.1 1.8 (z)	10.6 9.0 1.6 (Z)	8.6 7.5 1.3 (z)	7.8 6.5 1.1 (2)	6.6 5.7 1.0 (z)	5.9 5.0 .9 (z)
Vocational Rehabilitation Program for Disabled Veterane	16.5 4.9 1.3	29.5 21.7 6.5 1.1	25.5 18.9 5.6 1.0	29.8 21.7 7.0 1.0	30.9 22.1 7.5 .9	30.6 21.9 7.5 .6	29.0 (NA) (NA) (NA) (NA)	EEEE	2533

#### No. 551. VETERANS GUARANTEED AND INSURED LOANS: 1970 TO 1986 [For flecal years ending in year shown, see text, section 9. includes mobile home loans. See section 26 for VA loan characteristics]

ITEM	Unit	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
Number of loans	1,000	186.2	290.2	364.6	297.4	187.6	103.4	245.1	251.6	178.9	313.8
Home	1,000	186.2	288.2	357.8	289.2	178.2	92.9	231.6	238.5	170.0	307.4
Amount of loans	Mil. dol	3,683	8,091	16,043	14,815	10.008	5.542	14,670	15,612	11,452	21,966
Home			8,072	16,926		9,822	5,332	14,389		11,263	
Guaranty and insurance	Mil. dol	1,971	3,702	7,342	6,370	4,248	2,292	5,736	6,034	4,363	7,896
Home	Mil. dol	1,971	3,096	7,284	6,289	4,155	2,187	5,596	5,895	4,269	7,830

Source: U.S. Veterane Administration, Annual Report of Administrator of Veterans Affairs.

<sup>1</sup> Net full-time equivalent.
2 1980, cost-basis; thereafter, obligation-basis. Includes other obligations not shown separately.
2 Based on the number of discharges and deaths during the fiscal year, plus the number on the rolls (bed occupants and patients on authorized leave of absence) at the end of the fiscal year. Excludes interhospital transfers.
4 Patients receiving hospital care, or nursing bed care.

Source: U.S. Veterans Administration, Annual Report of Administrator of Veterans Affairs, Directory of VA Facilities, and unpublished data.

NA Not available. Z Fewer than 50. Includes some Post-Vietnem veterans. Includes special restorative training.

Source: U.S. Veterans Administration, Annual Report of Administrator of Veterans Affairs, and unpublished data.



Section 12

# Social Insurance and Human Services

This section presents data related to governmental expenditures for social welfare; governmental programs for old-age, survivors, disability, and health insurance (OASDHI); governmental and rail-road employee retirement; Individual Retirement Account, Keogh account and private pension plans; government unemployment and temporary disability insurance; Federal supplemental security income payments and aid to the needy; child and other welfare services; and Federal food programs. Also included here are selected data on workers' compensation, including black lung benefits; vocational rehabilitation; child support; child care; and philanthropic trusts and foundations.

The principal source for these data is the Department of Health and Human Services' (HHS) monthly Social Security Bulletin which presents current data on many of the programs and summary data in annual statistical supplements. Current data on employment security are published monthly in the Department of Labor's Unemployment Insurance Statistics. Data on the Medicare and Medicaid programs appear periodically in the Health Care Financing Administration's Health Care Financing Review (quarterly), Health Care Financing Notes, and Health Care Financing Program Statistics. Statistics on aid to families with dependent children (AFDC) are presented in the U.S. Social Security Administration's monthly publication, Public Assistance Statistics.

Social insurance under the Social Security Act.—Programs established by the Social Security Act provide protection against wage lose resulting from retirement; prolonged disability, death, or unemployment, and protection against the cost of medical care during old age and disability. The Federal OASDHI program provides monthly cash benefits to retired or disabled insured workers and their dependents and to survivors of insured workers. To be eligible, a worker must have had a specified period of employment in which OASDHI taxes were paid. A worker becomes eligible for full benefits at age 65, although reduced benefits may be obtained up to 3 years earlier; the worker's spouse is under the same limitations. Survivor benefits are payable to dependents of deceased insured workers. Disability benefits are payable to an insured worker under age 65 with a prolonged disability and to the disabled worker's dependents on the same basis as dependents of retred workers. Also, disability benefits are provided at age 50 to the disabled widow or widower of a deceased worker who was fully insured at the time of death. A lump sum benefit is generally payable on the death of an insured worker to a spouse or minor children.

Since July 1986, the Federal "Medicare" program has provided two coordinated plans for nearly all people age 65 and over: (1) A hospital insurance plan which covers hospital and related services and (2) a voluntary supplementary medical insurance plan, financed partially by monthly premiums paid by participants, which partly covers physicians' and related medical services. Since July 1973, such insurance also applies to disabled beneficiaries of any age after 24 months of eligibility and to persons with chronic kidney disease.

Retirement, survivors, disability, and hospital insurance benefits are funded by a payroll tax on annual earnings (up to a maximum of earnings set by law) of workers, employers, and the self-employed. The maximum taxable earnings are adjusted periodically through Federal legislation to reflect increasing income levels (see table 563). Tax receipts and benefit payments are administered through Federal trust funds. Special benefits for uninsured persons; hospital benefits for persons 65 and over with specified amounts of Social Security coverage less than that required for cash benefit eligibility; and that part of the cost of supplementary medical insurance not financed by contributions from participants are financed from Federal general revenues.

Unemployment insurance is presently administered by the U.S. Employment and Training Administration and each State's employment security agency. By agreement with the U.S. Secretary of Labor, State agencies also administer unemployment compensation for eligible ex-service members and Federal employees, unemployment assistance under tha Disaster Relief Act of 1970, workers assistance and relocation allowances under the Trade Act, and, until 1975, direct aid (training and related cash allowances) under Federal manpower acts.

Under State unemployment insurance laws, benefits related to the individual's past earnings are paid to unemployed eligible workers. State laws vary concerning the length of time benefits are paid and their amount. In most States, benefits are payable for 26 weeks and, during periods of high unemployment, extended benefits are payable under a Federal-State program to those who

have exhausted their regular State benefits. The basic benefit can vary among States by over 100 percent. Some States also supplement the basic benefit with allowances for dependents.

Unemployment insurance is funded by a Federal unemployment tax levied on the taxable payrolls of most employers. Taxable payroll under the Federal Act and most State laws is the first \$7,000 in wages paid each worker during a year. Employers are allowed a percentage credit of taxable payroll for contributions paid to States under State unemployment insurance laws. The remaining percent of the Federal tax finances administrative costs, the Federal share of extended benefits, and advances to States. About 97 percent of wage and salary workers are covered by unemployment insurance.

Retirement Programs for Government Employees.—The Civil Service Retirement System (CSRS) and the Federal Employees' Retirement System (FERS) are the two major programs providing age and service, disability and survivor annuities for Federal civilian employees. In general, employees hired after December 31, 1983 are covered under FERS and the social security program (OASDHI) and employees on staff prior to that date are members of CSRS and are covered under Medicare. CSRS employees were offered the option of transferring to FERS during 1987. There are separate retirement systems for the uniformed services (supplementing OASDHI) and for certain special groups of Federal employees.

State and local government employees are covered for the most part by State and local retirement systems similar to the Federal civil service retirement system. In many juriedictions these benefits supplement OASDHI coverage.

Workers' compensation.—All States provide protection against work-connected injuries and deaths, although some States exclude certain workers (e.g., domestic help). Federal laws cover Federal employees, private employees in the District of Columbia, and longshoremen and harbor workers. In addition, the Social Security Administration and the Department of Labor administer a "black lung" benefits program for coal miners disabled by pneumoconiceis and for specified dependents and survivors. Specified occupational diseases are compensable to some extent. In most States, benefits are related to the worker's salary. The benefits may or may not be augmented by dependents' allowances or automatically adjusted to prevailing wage levels.

Public aid.—State-administered public assistance programs (Ald to Families with Dependent Children (AFDC), emergency assistance and general assistance) and the Federal Supplemental Security Income (SSI) program administered by the Social Security Administration provide benefits to persons who qualify. AFDC and emergency assistance are in part federally funded while the costs of general assistance are met entirely with State and local funds.

The SSI program replaced Federal grants for aid to the aged, blind and disabled in the 50 States and the District of Columbia in 1974. Residents of the Northern Mariana islands became eligible in 1978. Federal grants continue for aid to the aged, blind and disabled in Guam, Puerto Rico and the Virgin Islands. The SSI program provides a minimum income for the aged, blind and disabled and establishes uniform national basic eligibility requirements and payment standards. Most States supplement the basic SSI payment.

Health and welfare services.—Programs providing health and welfare services are aided through Federal grants to States for child welfare services, vocational rehabilitation, activities for the aged, maternal and child health services, maternity and infant care projects, comprehensive health services, and a variety of public health activities.

Under Medicaid, all States (except Arizona) offer basic health services to eligible low-income persons. The cost of providing these services is shared by the Federal Government, but each State determines its own eligibility criteria and may set benefits above the minimum established by Federal law. Almost all recipients of cash welfare programs are automatically eligible. In addition, 31 States extend Medicaid to families that satisfy all but the income requirements for welfare and that either have incomes which meet State definitions of "medicaily needy" or incur medical expenses which lower their incomes to medically needy levels.

Noncash benefits.—The Bureau of the Census annually collects data on the characteristics of recipients of noncash (in-kind) benefits to supplement the collection of annual money income data in the Current Population Survey (see text, section 1 and section 15). Noncash benefits are these benefits received in a form other than money which serve to enhance or improve the economic well-being of the recipient. As for money income, the data for noncash benefits are for the calendar year prior to the date of the interview and are reported in the *Current Population Reports*, series P-60. The two major categories of noncash benefits covered are public transfers and employer or union-provided benefits to employees.

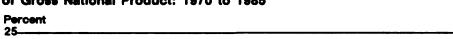
Statistical reliability.—For discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability applicable to HHS and Census Bureau data, see Appendix III

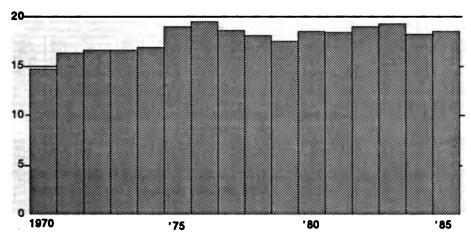
Historical statistics.—Tabular headnotes provide cross-references, where applicable, to Historical Statistics of the United States, Colonial Times to 1970. See Appendix IV.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in State and Metropolitan Area Data Book 1986. For cross-references, see Research; V.

Figure 12.1

Social Welfare Expenditures Under Public Programs as Percent of Gross National Product: 1970 to 1985

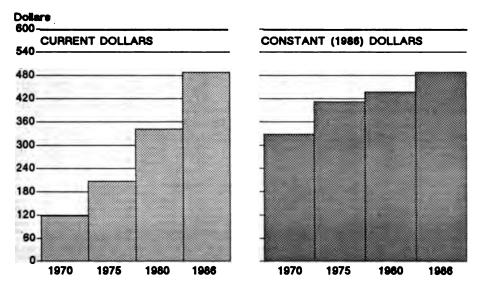




Source: Chart prepared by U.S. Bureau of the Census. For data see table 554.

Figure 12.2

Social Security-Average Monthly Benefit Payments to Retired Workers: 1970 to 1986



Source: Chart prepared by U.S. Bureau of the Census. For data see table 565.

#### NO. 552. SOCIAL WELFARE EXPENDITURES UNDER PUBLIC PROGRAMS: 1960 TO 1965

n millions of dollars, except percent. For flacal years ending in year shown; see text, section 9. Represents outleys from trust funds (mostly social insurance funds built up by earmarked contributions from insured persons, their employers, or both) end budgetary outleys from general revenues. Includes administrative expenditures, capital outley, and some expenditures and payments outside U.S. See table 553 for program detail. For explanation of annual percent change, see Guide to Tabular Presentation. See Historical Statistics, Colonial Times to 1970, series H 1-47, for related but not comparable data]

	SOCIAL V	WELFARE O	UTLAYS				100			-	
YEAR	Total	Annual percent change	Percent from non- trust funds	Social insur- ance	Public aid	Health and medical pro- grams 1	Veter- ans pro- grams	Educa- tion	Housing	Other social wel- fare	All health and medical care <sup>2</sup>
						TOTAL					
60	52,293	3 9.9	65.5	19,307	4,101	4,464	5,479	17,626	177	1,139	6,395
75	145,856	10.8	64.8 60.9	54,691 123,013	16,488	9,907 17,788	9,078 17,019	50,845 80,834	3,172	4,145 6,947 11,076	25,391
79	290,084 430,280	10.4	58.0	194 288	41,308 64,662 71,799	24 890	20 602	100 262	5.493	11.076	52,348 86,757
80	492,797	14.5	56.8	194,288 229,754	71.799	24,899 27,919	21,466	109,262 121,050	7.210	13,599	100,563
81	550,324	11.7	54.9	267,395	82,424	30,203	23,441	128,145	6,734	11,983	116,317
2	594,785	8.1	54.9 49.8	302,615	82,424 80,852	33,127	21,466 23,441 24,708	133,874	5,493 7,210 6,734 7,954	11,654	130,779
3	642,077	8.0	49.1	331,058	85.830	35,976	25.826	141,813	9,090	12,484 13,445	143,128
, prel	671,972	4.7	49.5	342,264	89,871 95,965	37,864 41,680	26,127	152,025	10,374	13,445	155,092
prel	729,117	8.5	(NA)	372,583	95,965	41,680	26,127 27,171	165,893	11,878	13,946	174,963
						EDERAL					
60 70	24,957 77,337	* 11.3 12.0	45.9 45.1	14,307 45,246	2,117 9,649	1,737 4,775	5,367 8,952	868 5,876	144 582	2,259	2,918 16,600
5	167,426	16.7	45.9	99,715	27,186	8,521	16,570	8,629	2.541	4,264	34,100
9	263,037	12.0	42.7	163,879	43,722	11,398	20,412	12,108	2,541 5,069	6,449 8,786	58.696
0	302 616	15.0	42.4	191 162	48 666	12,688	21,254	13,452	6,608	8,786	68,786
1	344,108 367,699 398,792	13.7	40.3	224,574 250,551 274,212	55,946 52,485 55,895	13 638	23,229	13,452 13,372	6.045	7 204	80.547
2	367,699	6.7	36.8 36.0 35.4	250,551	52,485	14,607 15,594 16,496	24,463 25,561	11,917 12,397	7,176 8,087	6,500 7,046 7,349	90,785
3	398,792	8.5	36.0	274,212	55,895	15,594	25,561	12,397	8,087	7,046	100,274
, prel	419,264	5.1	35,4	289,884	57,666	16,496	25,822	12,979 13,740	9,068	7,349	108,603
prel	451,241	7.6	(NA)	313,107	61,173	18,500	26,833	13,740	10,339	7,549	123,634
					STAT	E AND LOCA	NL.				
	27,337	5 8.7	84.9	4,999	1,984	2,727	112	16,758	33	723	3.478
	68,519	9.6	88.9	9,446	6.830	5,132	127	44,970	120	1,886	3,478 8,791
	122,654	12.4	83.0	23,298	14,122	5,132 9,267	449	44,970 72,205	631	2,683	18,248
	167,243 190,180	8.1	84.8 82.6	30,408 38,592	14,122 20,940 23,133	13,500 15,231	190	97,154 107,597 114,773	424	4,628	28,061
	190,180	13.7	82.6	38,592	23,133	15,231	212	107,597	601	4.813	31,777 35,769
	206,216	8.4	82.2	42,821	26,477	16,565	212	114,773	688	4,679	35,769
********	227,085	10.1	70.9 70.6	52,063	28,367	18,520	245	121,957	778	5,154	39,993
	243,285	7.1	70.6	56,846	29,935	20,382	265	129,416 139,046	1,003	5,438	42,854
orel	252,707 277,878	10.0	72.9 (NA)	52,381 59,477	32,206 34,792	21,368 23,180	305 338	139,046	1,306 1,540	6,096	46,490 51,329
	211,010	10.0	(uv)				-		1,040	0,330	31,320
0	/44.7			1	T OF TOTA				- 2	146	
	100.0	(x)	(x)	36.9	7.8	8.5	10.5	33.7	.3 .5 1.1	2.2	12.2
***************************************	100.0	(x)	(x)	37.5	11.3	6.8	6.2	34.9	.5	2.8	17.4 18.0
	100,0	(2)	(3)	42.4 46.6	14.2	6.1 5.7	5.9 4.4	34.9 27.9 24.5	1.5	2.4	20.5
rel	100.0	(X) (X) (X) (X)	8888	51.1	13.2	5.7	3.7	22.8	1.6	2.2 2.8 2.4 2.8 1.9	24.0
					PERCENT F	EDERAL OF	TOTAL				
	47.7	(x)	(x)	74.1	51.6	38.9	98.0	4.9	81.4	36.6	45.6
	53.0	(x) (x) (x) (x)	(X) (X) (X)	82.7	58.5	48.2	98.6	11.6	83.0	54.5 61.4	65.4 65.1 68.1 70.7
	57.7	(x)	(x)	81.1	65.8	47.9	97.4	10.7	80.1	61.4	65.1
	61.4	(x)	(x)	83.2	67.8	44.9	99.0	11.1	91.7	64.6 54.1	68.1
orel	61.9	(x)	(x)	84.0	63.7	44.4	98.8	8.3	87.0	54.1	70.7
					PER CAPITA	(Current d	ollars) 4				
	285	1 7.9	(x)	105	22	24	30	96	2 4	6	35
) 5	701	9.4	XXXX	262	79	48	43	245	4	20	122 240
	1,326	13.6	(x)	561	189	82	77	370	15	32	240
	2,138 2,996	10.0	(x)	995	312	121	92	526	33	59 57	437
, prel	2,996	7.0	(x)	1,528	395	172	111	683	49	5/	720
				PER (	CAPITA (CON	stant (198	5) dollars)	4.6			
0	969	4 5.6	(x)	357	75	82	102	326	7	20 52	119
)	1,828	6.6	(x)	683	206	125	112	639	10	52	318
	2 505	6.5	(x)	1,060	357	155	146	699	28	60	453
5	2,506	0.0	4-7								
75 80 85, prel	2,506 2,763 2,996	2.0	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	1,286 1,528	403 395	156 172	119	680 683	43 49	60 76 57	453 565 720

NA Not available. X Not applicable. 

1 Excludes program parts of social insurance, public aid, veterans, and other social veterans. 
1 Combines "Health and medical programs" with medical services included in social insurance, public aid, veterans vocational rehabilitation, and antipoverty programs. 
1 Change from 1955. 
1 Excludes payments within foreign countries it concentred to the program of the part of th

Source: U.S. Social Security Administration, Social Security Bulletin, June 1967, and earlier and forthcoming issues.

#### NO. 553. SOCIAL WELFARE EXPENDITURES, BY SOURCE OF FUNDS AND PUBLIC PROGRAM: 1980 TO 1985

[In millions of dollars. See headnote, table 552, and *Historical Statistics, Colonial Times to 1970*, series H 1-47, for related but not comparable data]

	19	80	19	63	1984,	prel.	1985,	prel.
PROGRAM	Fed- eral	State and local	Fed- eral	State and local	Fed- eral	State and local	Fed- eral	State and local
Total	302,616	190,180	398,792	243,285	419,264	252,707	451,241	277,878
Social insurance	191.162	38.592	274,212	56,846	289,884	52,381	313,107	59,47
Old-age, survivors, disability, health	152,110		224,709	(x)	239,395	(x)	260,469	(x
Health insurance (Medicare)	34,992	(x)	56,930	(x)	62,481	(x)	72,194	()
Public employee retirement 1	26,983	12,507	36,920	17,914	38,587	20,300	40,503	22,54
Hailroad employee retirement	4,769	(x)	6,082	(x)	6,144	(x)	6,275	(x
Unemployment insurance and employment	4,408	13,919	2444	22 200	2 520	13,575	2.604	15,74
Other reilroad employee insurance 3	224		3,144 448	22,206	2,529		189	
Other railroad employee insurance 3	(x)	1,377	(x)	1,767	(x)	1.821	(x)	2,00
Workers' compensation 5	2.668	10,789	2,909	14,959	2,999	16.684	3.067	19,19
Hospital and medical benefits	130	3,596	264	4,818	282	5,729	280	6,80
NAME OF								
Public aid	48,666 23,542	23,133	55,895 28,796	29,935 27,824	57,666 30,838	32,206 30,162	61,173 33,523	34,79
Madical wander payments		21,346	28,796	27,824	30,838	30,162	33,523	32,55
(Medicaid) 1 Social services	14,550	12.844	18,828	17,499	20,212	19,251	22,650	21.26
Social services	1,757	586	1,881	627	2.092	697	2,057	686
Supplemental security income	6,440	1,787	8,683	2,111	9,094	2,043	9,605	2,23
Food stamps	9,083	(x)	11,727	(x)	11,561	(x)	11,701	
Other *		(x)	6,689	(x)	6,173	(x)	6,344	(x
Health and medical programs	12,688	15.231	15,594	20,382	16,496	21,368	18,500	23,18
Hospital and medical care	6,451	6,042	8,737	7,781	9,082	8,259	9,700	9,00
Civilian programs	2,391	6,042	2,254	7,781	2,392	8,259	(NA)	9,000
Defense Department 9	4,060	(x) 519	6,483	(x)	6,690	(x)	(NA)	700
Maternal and child health programs		519	428	672	352	679	400	70
Medical research	4,414	1,954	4,984	583 1,930	5,497	1,930	6,200	1,80
Other		6,294	1,281	9,416	1,354	9,894	1,400	11,08
Veterans programs		212	25,561	265	25,822	305	26.833	33
Pensions and compensation			13,895		13,949	(x)	14,256	
Health and medical programs	6,204	133	8,388	1 3	8.855	126	9,713	1 6
Hospital and medical care	5,750	(X) (X)	7,763	(X) (X)	8,141	(x) (x)	8,906	1 6
Hospital construction		(xi	474	(x)	527	(x)	593	6
Medical and prosthetic research	131	(X) (X) (X)	152	(x)	186	(x)	215	b
Education	2,401	(x)	1,708	(x)	1,413	(x)	1,168	33
Life insurance 10	665	(x)	744	(x)	746	(x)	796	0
Welfare and other	679	212	827	265	860	305	900	338
Education	11 13,452	107,597	11 12,397	129,416	11 12,979	139,046	11 13,740	152,15
Elementary and secondary	7,430	79,720	6,140	96,512	6,659	103,359	7,268	113,47
Construction 13	41	6,483	77	7,112	28	7,230	23	8,33
Higher		21,708	5,052	25,416	5,028	27,616	5,102	30,34
Construction	42	1,486	85	1,974	35	2,236	32	2,68
Vocational and adult 12	1,207	6,169	898	7,488	1,046	8,072	1,087	8,338
Housing	6,608	601	8,087	1,003	9,068	1,306	10,339	1,540
Other social welfare	8,786	4,813	7,046	5,438	7,349	6,096	7,549	6,39
Vocational rehabilitation	1.006	245	1,008	326	1,109	338	1,187	35
Medical services and research	237	56	269	100	277	. 83	297	8
Institutional care 13	74	408	107	553	118	753	121	65
Child nutrition 14 Child welfare 15	4,209	643	4,099	882	4,270	928	4,349	96
Child welfare 15	57	743	160	(NA)	165	(NA)	200	(NA
	2,303	(x)	475	3,677	479	4,076	504	4,43
Special CSA and ACTION programs 16	1,137	2.774	1,197	0.072	1,207	4.076	1,188	4.40

NA Not available. X Not applicable. ¹ Excludes refunds to these leaving service. Federal data include military refirement. ¹ Includes compensation for Federal employees and ex-servicemen, trade adjustment and cash training allowance, and payments under extended, emergency, disaster, and apsolal unemployment insurance programs. ¹ Unemployment and temporary disability insurance. ¹ Cash end medical benefits in 5 areas. Includes black lung benefit programs. ¹ Unemployment and temporary disability insurance carriers, State funds, and self-insurers. Federal includes black lung benefit programs. ¹ Benefits payments under that general assistance program and work incentive activities, not shown separately. ¹ Medical vendor payments are those made directly to suppliers of medical care. ¹ Refuges assistance, surplus food for the needy, and work-superience training programs under the Compreheneive Employment and Training Act. Beginning 1983, includes renergy assistance programs. ¹ Includes medical care for military dependent similars. ¹ Excludes servicement's group life insurance. ¹¹ Includes Federal expenditures for administrative costs (Department of Education) and research, not shown separately. ¹¹ Federal expenditures expenditures and administrative costs (Department of Education) and research, not shown programs under National School Lunch and Child Nutrition Acts. ¹¹ Federal expenditures intensity expenses of the Social Security Act. ¹¹ includes domestic volunteer programs under ActTiON and community scrious Administration. ¹¹ Federal expenditures include administrative expenses of the Secretary of Health and Human Services indicate and adoption services, legal assistance, and forthroominis issue.

Source: U.S. Social Security Administration, Social Security Bulletin, June 1967, and forthcoming issue.

## No. 554. Social Welfare Expenditures Under Public Programs as Percent of GNP and Total Government Outlays: 1960 to 1985

[See headnote, table 552. For explanation of annual percent change, see Guide to Tabular Presentation]

-	1	OTAL EXPE	OITURES			FEDER	AL		STATE	AND LOCAL	GOVERN	MENT
			Percen	t ol—			Percen	1 of			Percen	t of—
YEAR	Total (bil. dol.)	Annual percent change <sup>1</sup>	Total GNP =	Total govt. out- lays	Total (bil. dol.)	Annuel percent change 1	Total GNP =	Total Fed- eral out- lays	Total (bil. dol.)	Annuel percent change <sup>1</sup>	Total GNP =	Total State and local out- lays
1960	145.9 290.1 492.8 672.0	9.9 10.8 14.7 11.2 8.1 8.5	10.3 14.7 19.0 18.5 18.2 18.5	38.4 48.2 57.4 56.5 52.8 52.9	25.0 77.3 167.4 302.6 419.3 451.2	11.3 12.0 16.7 12.6 8.5 7.6	4.9 7.6 11.0 11.3 11.3	28.1 40.1 53.8 54.3 50.2 47.7	27.3 68.5 122.7 190.2 252.7 277.9	8.7 9.6 12.4 9.2 7.4 10.0	5.4 6.9 8.0 7.1 6.8 7.0	60.1 64.0 63.5 61.0 56.9 64.2

<sup>&</sup>lt;sup>1</sup> Change from prior year shown; for 1980, change from 1955. <sup>2</sup> Gross national product. Source: U.S. Social Security Administration, Social Security Bulletin, June 1987 and forthcoming issue.

# No. 555. PUBLIC INCOME-MAINTENANCE PROGRAMS—CASH BENEFIT PAYMENTS: 1970 TO 1986 [Includes payments outside the United States and benefits to dependents, where applicable]

				P	YMENT	s (bil. d	ol.)			-	177	PERCEN	T
PROGRAM	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986	1970	1980	1985
Percent of personal income *	60.5 7.3	138.6 10.6	192.9 9.5	228.0 10.1	241.0 9.6	283.0 10.6	298.9 10.5	308.7 10.0	327.9 9.4	(NA) (NA)	100.0 (x)	100.0 (x)	100.0 (X)
OASDI 3 Public employee retirement 4 Railroad retirement Veterans' pensions, compensation Unemployment benefits 4 Temporary disability benefits Workers' compensation 6 Public assistance 7 Supplemental Security Income 7	31.6 9.2 1.8 5.5 4.2 .7 2.0 4.9 (X)	66.6 21.3 3.3 7.7 18.3 .9 4.6 9.3 5.9	104.0 35.1 4.4 10.6 10.3 1.2 8.5 10.7 7.2	120.3 40.6 4.9 11.4 18.9 1.4 9.6 12.1 7.9	128.7 46.4 5.4 12.5 13.7 1.6 10.6 13.2 8.5	155.7 51.4 5.8 13.3 21.1 1.6 11.4 13.0 9.0	166.9 55.0 6.0 13.7 19.2 1.6 12.2 13.9 9.5	175.5 58.6 6.1 13.8 13.6 1.8 13.3 14.6 10.4	186.1 63.4 6.3 14.1 14.4 1.8 15.2 15.3 11.1	193.6 (NA) 6.4 14.2 16.0 1.9 16.0 16.1	52.2 15.2 2.9 9.1 7.0 1.2 3.3 8.0 (x)	52.8 17.8 2.1 5.0 8.3 .6 4.2 5.3	56.8 19.3 1.9 4.3 4.4 5 4.6 4.7 3.4

NA Not available. X Not applicable. ¹ Includes lump sum death benefits, not shown separately. ¹ For base data, see table 678. ¹ Old-age, survivors, and deability insurance under Federal Social Security Act, see text, section 12. ⁴ Excludes refunds of contributions to employees who leave service. ¹ Beginning 1981; covers State unemployment insurance, Ex-Servicemen's Compensation Act and railroad unemployment insurance only. ¹ includes black lung benefits. ¹ Beginning 1975, Federal grants to States for aid to aged, blind, and deabled replaced by Supplemental Security Income programs; see text, section 12.

### No. 556. HOUSEHOLDS RECEIVING MEANS-TESTED NONCASH BENEFITS, 1980 TO 1985, AND BY POVERTY STATUS. 1985

[Households as of March of following year. Covers civilian noninstitutional population, including persons in the Armed Forces living off post or with their families on post. A means-tested benefit program requires that the household's income and/or assets tall below specified guidelines in order to qualify for benefits. The means-tested nonceah benefits covered are food stamps, free or reduced-price school functions, public or subsidized housing, and Medicaid. There are general trends toward under-setimation or noncesh beneficiaries. Households are classified according to poverty status of family or nonfamily householder; for explanation of poverty level, see text, section 14. Based on Current Population Survey; see text, section 1, and Appendix III.

						11	<b>0</b> 5	
TYPE OF BENEFIT RECEIVED	1980, total	1982, total	1962, total	1984, total		Below	poverty vel	Above pover-
	(1,000)	(1,000)	(1,000)	(1,000)	Total (1,000)	Num- ber (1,000)	Percent distribu- tion	by level (1,000)
Total households	82,366	83,918	85,407	86,789	88,458	11,995	100.0	76,463
Not receiving noncesh benefits Not receiving cash public assistance Receiving cash public assistance  Receiving at least one noncesh benefit Not receiving cash public assistance Receiving cash public assistance  1	67,743 359 14,266 7,860	69,303 69,079 224 14,615 8,441 6,174	70,886 70,645 241 14,521 8,123 6,398	72,194 71,958 237 14,594 7,973 6,621	73,992 73,731 261 14,466 7,860 6,607	4,928 4,865 63 7,067 2,917 4,151	41.1 40.6 .5 58.9 24.3 34.6	69,084 66,866 197 7,360 4,943 2,456
Total households receiving— Food stamps School funch Public housing  Alecticator	6,769 5,532	7,184 5,634 3,158 8,068	7,170 5,846 3,234 8,148	7,061 5,637 3,588 8,323	6,779 5,752 3,799 8,178	4,944 2,974 2,071 4,781	41.2 24.8 17.3 39.9	1,836 2,779 1,728 3,397

<sup>&#</sup>x27;Households receiving money from Aid to Families with Dependent Children program, Supplemental Security Income program or other public assistance programs.

Source: U.S. Social Security Administration, Social Security Bulletin, monthly and unpublished data.

Source: U.S. Bureau of the Census, Current Population Reports, series P-60, No. 155 and serier reports.

#### NO. 557. CASH AND NONCASH BENEFITS FOR PERSONS WITH LIMITED INCOME: 1980 TO 1986

[For years ending September 30, except as noted. Programs covered in this table provide cash, goods, or services to persons who make no payment and render no service in return. In case of job and training programs and some educational benefits, recipients must work or study for wages, training allowances, stipends, grants, or loans. Most of the programs base eligibility on individual, household, or family income, but some use group or area income tests; and a few offer help on the basis of presumed need]

	AVE	RAGE MONT			E	KPENDITUR	ES (mil. d	ol.)	
PROGRAM		(1,000)			Total 1	25		Federal	
	1980	1985	1986	1980	1985	1986	1980	1985	1986
Total	(x)	(x)	(x)	104,956	140,424	145,820	80,519	104,893	108,146
Medical care I	(x)	(x)	(x)	32,241	48,297	51,870	19,237	27,548	29.898
Medicaid 3	* 21,735	4 21,808	+ 22.592	25,781	41,150	44,725	14,550	22,655	24,995
Veterans 5	(NA)	* 245	0 245	7 3,349	7 3,053	7 3,183	7 3,349	7 3,053	7 3,183
General assistance	(NA)	(NA)	(NA)	7 1,610	7 1,949	7 1,950	215.12	1	
Indian Health Services		* 931	* 987	549	862	821	549	862	821
Maternal and child health services	(NA)	(NA)	(NA)	326	783	681	214	478	389
Community health centers	* 5,000	* 5,200	* 5,350	325	383	396	325	383	396
Cash aid 3	(x)	(x)	(x)	29,362	38,074	40,799	19,616	24,924	26,799
AFDC **	10.499	10,794	10,995	13,019	16,736	17,757	6,964	8,909	9,536
Supplemental Security Income 3	4,160	4,305	4 449	8,435	11,857	12,820	10 6,365	10 9,603	10 10,30
Pensions for needy veterans 11	12 3 076	12 1,489	12 1,397	3,585	3,842	3,874	3,585	3,842	3,874
General assistance	910	7 1,323	7 1,332	13 1,386	7 2,499	7 2,605	0,000	3,012	0,0.
Earned income tax credit	7 21,200	1 16,500	7 18,930	2,033	1,600	2,043	2,033	1,600	2,043
Food benefits 3	M	M	(x)	13,546	20,085	20,098	13,089	19,056	18,996
Food stamps 3 14 School lunch program 15	21 100	21,400	20,900	9,576	13,470	13,466	9,195	12,599	12,528
School lunch program 15	16 12 200	16 11,500	16 11,600	17 2,110	17 2.656	11 2,669	17 2,110	17 2,656	17 2,669
Women, infants and children 16	1,980	3,139	3,318	772	1,500	1,579	772	1,500	1,579
Temporary emergency food	1,300	3,138	1 5 5 5 5 S	112	1,500	1,575	112	1,500	1,575
assistance	* 3,083	(NA)	19 15,000	(x)	1,015	896	(x) 383	1,015	896
Nutrition program for elderly 20	* 3,083	* 3,630	* 3,584	(X) 459	614	615	383	456	451
Nutrition program for elderly 20	(x)	(x)	(x)	9,606	14,115	13,250	9,606	14,115	13,250
Lower-income housing asst. (Sec. 8)	** 1.153	81 2.010	#1 2,143	2,104	6,818	7,430	2,104	6,818	7,430
Low-rent public housing	21 1,192	21 1,355	B1 1,380	2,185	3,408	2,882	2,185	3,408	2,882
Rural housing loans	11 82	22.41	22 26	98 2.887	25 1,790	23 1,155	25 2,887	84 1,790	23 1,155
Rural rental housing loans	22 33	22 26	28 21	23 881	23 903	22 652	23 881	29 903	29 652
Interest reduction payments		** 528	22 464	656	619	633	656	619	633
Education aid *	(x)	(x)	(x)	5,176	10.056	10.583	4,890	9,559	10,101
Pell grants	24 2,500	24 2,797	34 2.881	25 2,431	35 2.800	25 3.862	25 2,431	25 2,800	88 3.862
Guaranteed student loans 26	(x)	24 3,477	24 3.242	(x)	a7 3,889	27 3.295	(x)	27 3,889	a7 3,295
Head Start	376	448	448	920	1,308	1,267	736	1,046	1,013
College Work-Study Program	94 766	14 737	34 870	ss 495	≥0 555	28 593	25 495	BB 555	EB 593
Supplemental Educational			0.0	700		000	100	-	1
Opportunity Grants	<sup>94</sup> 650	14 720	14 720	<sup>10</sup> 355	25 375	B5 413	B# 355	** 375	10 413
John and training 2	(v)	(x)	(x)	8,706	3.976	3,700	8.625	3.895	3,626
Jobs and training * Employment and training services **	29 361	29 350	29 337	2,144	30 1,886		2,144	30 1,886	30 1,783
Summer wouth employment	100	000	001	2,144	1,000	1,100	6,144	1,000	1,,, 00
ornoram 26	91 1,000	31 785	21 634	721	80 725	20 636	721	30 725	ao 636
program ** Job Corps **	29 36	29.41	29 41	470	50 617	30 613	470	30 617	30 613
Senior community service employ-	- 30			470	017	013	470	017	010
ment program	52 52	22 64	32 61	297	ae 362	30 347	267	so 326	30 312
Work incentive program	35 1,037	35 1,013	33 870	406	297	234	365	267	211
Services I	ful	(x)	(x)	4,598	3.551	3.389	3,735	3,551	3,389
Social services (Title 20) 34	as 7,000	(NA)	(NA)	3,648	2,725	2,584	2,785	2,725	2,584
Social services (Title 20) 34 Community services block grant	(x)	(NA)	(XA)	36 557	372	354	30 557	372	354
Energy assistance 2	(w)	(4)	(4)	1,721	2.270	2.131	1,721	2.245	2,087
Energy assistance <sup>3</sup>	27 0 700	38 6,800	34 6,700	1,539	38 2.079		1,539	2,245	1,905
LOW-Income energy assistance "	- 9,700	6,800	0,700	1,539	2,079	1,949	1,539	2,004	1,900

<sup>-</sup> Represents zero. NA Not available. X Not applicable. ¹ Includes State and local government expenditures not shown separately. ¹ Expenditure data include administrative expenses. ¹ Unduplicated annual number. ¹ Medical care for vetrans with a non-service-connected disability. ¹ Estimated number of patients discharged from hospital during year. ¹ Medical care for vetrans with a non-service-connected disability. ¹ Estimated number of patients discharged from hospital during year. ¹ Estimated. ² Annual numbers. ¹ Add to Familias with Dependent Children refugees. ¹¹ Includes dependents and survivors. ¹¹ Estimated surris special surplements of SSI (State supplements) to Indochinese refugees. ¹¹ Includes estemate of commodity assistance. ¹¹ Beginning 1965, includes Puerto Ricci surtificial assistance program. ¹¹ Estimated care program for payment at end of year. ¹² Represents total families or dwelling units during year. ¹² Amount of loans obligated. ¹² Total numbers for an everd year ending July of year shown. ¹² Apprograms represent specific titles under the Job Training and Partmenthy Act (JTPA) end its (1960) predecessor, the Comprehensive Employment and Training Act. (JTPA) end its (1960) predecessor, the Comprehensive Employment and Training Act. (JTPA) end its (1960) predecessor, the Comprehensive Employment and Training Act. (JTPA) end its (1960) predecessor, the Comprehensive Employment and Training Act. (JTPA) end its (1960) predecessor, the Comprehensive Employment and Endougest. ¹² Predecessor programs under Community Services Administration of Note Prodecessor programs under Community Services Administration. ¹² Number of households elded during year. Includes all SSI households, which received special energy all that year. Count includes some challed and the program and community Services Administration. ¹² Number of households that received ear 'lot overcharge' estilements.

Source: Library of Congress, Congressional Research Service, "Cash and Noncash Benefits for Persons With Limited Income: Eligibility Rules, Recipient and Expenditure Data, FY 1984-88," Report No. 87-759 EPW, September 1987 and previous reports.

No. 558. Social Insurance and Related Programs—Cash Beneficiaries and Benefits, by PROGRAM: 1960 TO 1985

[Includes some beneficiaries and benefit payments for some programs in outlying areas. OASDHI-Old-age, survivors, disability, and health insurance, Federal programs under Social Security Act; see text, section 12. Partly estimated. See also Historical Statistics, Colonial Times to 1970, series H 125-171]

		BENEFI	CIARIES 1	(1,000)			AMOUNT O	F BENEFITS	(mil. dol.)	
PROGRAM	1905	1982	1963	1984	1985	1980	1982	1963	1984	1905
TotalPercent of personal	(x)	(x)	(x)	(x)	(x)	207,797	261,238	275,168	282,979	301,73
income	(x)	(x)	(x)	(x)	(x)	9.2	9.8	9.7	9.1	9.
Public employee retirement Federal civil service Other Federal employee 3	22,267 4,208 913 1,149	(x) 24,148 4,595 989 1,202	(x) 24,749 4,657 1,015 1,239	(x) 25,237 5,126 1,057 1,261	(x) 25,739 5,268 1,080 1,281	113,252 77,905 32,416 10,227 11,397	149,075 104,884 40,659 13,113 14,044	161,327 114,048 43,581 14,003 14,854	173,419 123,804 45,854 14,399 15,318	186,786 132,296 50,626 15,26 16,07
State and local government	2,148 589	2,404 584	2,403 580	2,809 592	2,907 588	10,792	13,501	14,724	16,137	19,29 3,86
Disability * 4  OASDHI Public employee retirement Federal civil service Other Federal employee * State and local government. Railroad retirement	(x) 4,729 720 355	(x) 4,174 778 384 145 250 92	(x) 3,875 786 395 145 248 69	(x) 3,806 730 363 144 223 87	(x) 3,873 751 374 145 232 85	2,931 38,669 15,437 5,371 2,865 1,275 1,211 584	3,531 46,679 17,338 8,953 3,702 1,439 1,811 669	3,896 48,083 17,530 7,351 3,913 1,452 1,967 674	3,762 50,133 17,897 7,676 4,081 1,437 2,178 681	53,121 16,827 7,507 4,311 1,450 1,730
Veterans Admin. programs <sup>a</sup>	3,194 (NA) 252 199	3,069 (NA) 147 216	3,030 (NA) 134 224	2,965 (NA) 172 191	2,933 (NA) 156 (NA)	8,602 7,245 1,077	10,203 8,977 916 1,586	10,499 9,519 870 1,580	10,578 10,852 823 1,584	10,740 12,884 790
Railroad ineurance	14	14	13	111	11	1,300	1,566	1,560	42	47
Survivor monthly benefits OASDH Public employee retirement Federal civil service Other Federal employee * State and local government. Retiroad retirement.	(x) 8,260 783 439 71 253 330	(x) 7,435 811 485 83 243 324	(x) 7,310 842 503 93 248 310	(x) 7,196 636 490 104 242 322	(x) 7,182 584 517 114 253 311	34,988 28,654 2,895 1,930 301 664 1,372	43,641 33,612 3,762 2,466 437 857 1,644	45,615 35,164 4,078 2,677 499 903 1,671	44,971 33,917 4,566 3,011 555 990 1,679	46,23: 34,807 4,703 3,116 616 966 1,703
Veterans Admin. programs <sup>a</sup> Workers' compensation Black lung benefit program	1,485 (NA) 158	1,380 (NA) 208	1,227 (NA) 200	1,157 (NA) 151	1,082 (NA) 148	2,755 675 635	3,113 605 705	3,192 810 700	3,230 880 710	3,310 980 730
CASSH  OASSH  Public employee retirement  Federal civil service  Other Federal employee  State and local government  Valvour and formers	(00)	RESERBES	RESERRE	RESERBE	88888888	984 396 377 23 3 352 14 178	770 203 438 37 4 396 11	823 205 491 34 5 452 11 116	812 140 536 37 6 495 11 123	611 14: 54: 3: 50:
Unemployment	(x) 2,830	3,897	2,337	2,167	2,287	18,935 18,758	21,072 20,733	19,281 18,992	13,643 13,495	14,76 14,62
ance	38	77	43	28	29	179	339	289	148	13

NA Not available. X Not applicable. ¹ For old-aga, survivors, disability, and health insurance, average monthly number; for public employee retirement systems, veterans programs, and the black lung benefit program, number on rolls June 30; for railroad retirement program, number on rolls as of September 30; for State unemployment and temporary disability insurance, average weekly number, for railroad unemployment and temporary disability insurance, average number during 14-day registration period. For Federal programs under the Uniformed Services Contingency Option Act of 1953 and for State and local government retirement systems, number of survivor beneficiaries represents families. ¹ Includes benefits to dependents where applicable. ¹ Benefits for career military personnel (those with 20 years' service) are paid by the U.S. Dept. of Detense and are included under "Other Federal employee". ⁴ Excludes peyments for medical care. ¹ Payable in CA, NJ, NJ, and PR under public and private plans. Data for beneficiaries in NJ not evailable. ⁴ Lump sums are for buriel of decessed veterans. ¹ includes peyments made by the States as agents of the Federal Government under the Federal employees' unemployment insurance programs, the Trade Expansion Act of 1982, the Dissable Retail of the Trade Act of 1974, Beginning 1982, payments cover State unemployment insurance and Ex-Servicemen's Compensation Act only. Beneficiaries relate to regular State unemployment insurance, Federal employee (1980), end ex-servicemen programs only. Includes Puerto Rico.

Source: U.S. Social Security Administration, Annual Statistical Supplement to the Social Security Bulletin, and unpublished data.

#### No. 559, Estimated Workers Under Social Insurance Programs: 1960 to 1986

In millions, except percent. As of December, except as noted. See also Historical Statistics, Colonial Times to 1970, series H 51-56]

EMPLOYMENT AND COVERAGE STATUS	1960	1970	1975	1980	1981	1982	1983	1984	1985	1986
Total labor force 1 2 id civilian population. Wage and salary workers. Self-employed. spaid family workers. semployed. med Forces 2		86.2 77.6 70.8 6.9 .8 2.6 3.4	96.2 86.0 78.7 7.3 .7 7.3 2.2	109.1 98.9 90.2 8.7 .6 7.4 2.1	110.7 99.0 90.4 8.6 .5 9.0 2.2	112.7 98.4 89.5 8.9 .5 11.6 2.2	113.5 102.2 93.0 9.2 .6 9.0 1.7	115.7 105.5 96.4 9.1 .5 8.0 1.7	117.5 107.7 98.5 9.2 .4 7.7 1.7	119.8 110.2 100.8 9.4 .4 7.5 1.7
villan population covered by: Public retirement programs OASOHI 3 Wage and salary workers Percent of all wage and salary workers. Self-employed Railroad retirement Public employees retirement 4 Unemployment Insurance Workers' compensation Temporary disability insurance	55.4 48.0 86.8 7.4 .9 4.6 43.7	75.3 69.2 63.4 89.5 5.8 .6 5.5 55.8 59.0	83.7 77.0 70.6 89.7 6.4 .5 6.2 69.7 68.6 15.7	96.4 89.3 81.8 90.7 7.5 .5 6.6 87.2 79.1	96.4 89.5 81.9 90.6 7.6 .5 6.4 89.9 79.8 18.4	95.7 88.9 81.1 90.6 7.8 .4 6.4 87.9 77.8 18.1	99.5 92.7 84.5 90.9 8.2 .4 6.4 91.3 80.9 18.7	104.7 97.5 89.0 92.3 8.5 .4 6.8 95.8 84.5 19.3	106.9 99.7 91.2 92.6 8.5 .3 6.9 98.2 87.0 19.8	109.7 102.5 93.8 93.1 8.7 .3 6.9 (NA)

Source: U.S. Social Security Administration, Annual Statistical Supplement to the Social Security Bulletin.

#### No. 560. SELECTED SOCIAL INSURANCE PROGRAMS—ESTIMATED PAYROLLS OF COVERED EMPLOYMENT IN RELATION TO WAGES AND SALARIES: 1970 TO 1985

n billions of dollars, escept percent. Data for Federal civilian and military personnel cover all areas. Gross amount before deduction of social insurance contributions. OASDHE: Old-age, survivors, disability, and health insurance programs under Social Security Act; see text, section 12. See also *Historical Statelacia*, *Colonial Times to 1970*, series H 57–69]

PROGRAM	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985
otal earnings 1	615 549 528	896 806 783	1,225 1,106 1,081	1,370 1,238 1,211	1,534 1,357 1,327	1,613 1,493 1,458		1,868 1,686 1,619		2,221 1,966 1,897
syrolls covered by:  Retirement programs *  OASOH! *  Railroad retirement *  Federal civil service.  State and local government  Unemployment insurance *  Workers' compensation program *	26 53 389	783 713 8 37 87 653 672	1,082 1,000 11 45 109 1,055 922	1,207 1,118 12 48 118 1,134 1,041	1,326 1,229 13 52 131 1,243 1,136	1,451 1,348 13 56 142 1,367 1,247	1,531 1,422 12 59 154 1,503 1,301	1,614 1,500 12 62 166 1,582 1,382		2,029 1,760 13 66 190 1,940 1,618
et earnings in self-employment covered by OASDHI	48	70	88	100	97	94	98	108	120	120
creent of civilian payrolls covered by— OASDHI * * 6. Railroad retirement * Foderal civil service retirement. State and local government retirement. Unemployment insurance * Workers' compensation programs *	5.0	91.1 1.1 4.7 11.1 83.4 85.8	92.4 1.0 4.2 10.1 97.6 85.3	92.3 1.0 4.0 9.7 93.6 84.6	92.6 1.0 3.9 9.9 93.7 86.7	92.5 .9 3.8 9.7 93.8 85.6	93.1 .8 3.9 10.1 98.4 85.1	92.6 .7 3.8 10.3 97.7 85.4	92.9 .7 3.7 10.1 97.5 85.4	92.8 .7 3.7 10.0 102.2 85.3

<sup>&</sup>lt;sup>1</sup> Data from U.S. Bureau of Economic Analysis, Earnings include self-employed; wages and salaries represent civilian and military sy in cash and in kind.

<sup>2</sup> Adjusted for duplication in coverage by both OASDHI and State and local government retirement element.

<sup>3</sup> Incubite plus estimated nontexable wages and salaries.

<sup>4</sup> Includes Armed Forces in all areas.

<sup>8</sup> Percent computed after excluding Armed Forces payroll covered by ASDHI.

Source: U.S. Social Security Administration, Annual Statistical Supplement to the Social Security Bulletin, end unpublished data.

NA Not aveilable. <sup>1</sup> Data from U.S. Bureau of Labor Statistics and based on U.S. Bureau of the Census' Current Population avery, see text, section 1, and Appendix III. <sup>8</sup> Excludes Armed Forces oversees beginning 1983. <sup>9</sup> OASDHI—Cit-age, survivors, deability, and health insurance. Excludes members of Armed Forces and railroad employees. <sup>9</sup> Data represent yearly averages. Excludes State and local government employees covered by both OASDHI and their own terment program.

No. 561, SELECTED SOCIAL INSURANCE PROGRAMS—SOURCE OF FUNDS FROM CONTRIBUTIONS AND TRANSFERS: 1970 TO 1986

(in millions of dollars)

	_	1979	1980	1981	1982	1983	1984	1985	1986
	1				March 1911	V		100	1
30 705	57 241	88 476	103.996	123 301	124 353	143 878	167 062	182 368	194,325
14 489									90,261
									89,796
1 564									8,755
440									485
									1.605
1 (2)									
(x)									3,424
									18,637
									8,703
									8,658
210						830	741		856
		118	130	168	174	1,565	92		31
. (x)	(x)	(x)	(x)	(x)	(x)	(x)	441	178	152
. (x)	(x)	(x)	(x)	(x)	(x)	(x)	190	222	236
5.820	12,316	21.883	24,982	34,157	35,976	41.283	43,571	48,035	55,648
2.379		10.115	11.591	16.087	16,791	18,187	20.396	22.613	25,986
									25,879
									2.308
874									657
1 014	0.0	300	0,,	500	1,010	3,000	000		001
2 180	4 566	0.264	10 466	15012	15 001	10 007	20 221	22 862	23.524
									5,218
									504
(x)									
1,093									17,802
									4 4,811
									2,413
	356								1,120
. 19	4								873
3,870	9,507	16,328	19,986	22,554	23,964		25,566	27,160	(NA)
2,001	6,905	12,916	16,220	18,506	19,736	20,673	20,900	22,472	(NA)
1,869	2,600	3,412	3,766	4,048	4,228	4,451	4,666	4,688	(NA)
		22,702	25,654	27,896			34,309	(NA)	(NA)
									(NA)
									(NA)
	2,379 2,332 169 874 2,189 1,096 (x) 1,093 1,093 1,093 1,093 1,093 1,093 1,093 1,093 1,093 1,093 1,093 1,093 1,093 1,093 1,093 1,094 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,095 1,005 1,005 1,005 1,005 1,005 1,005 1,005 1,005 1,005 1,005 1,005	14,489 27,184 14,204 26,947 1,564 489 (x) (x) (x) 4,497 7,534 2,1154 3,562 2,117 3,530 (x) (x) (x) 5,820 12,316 2,379 5,578 169 874 670 2,189 4,566 1,096 1,759 (x) 158 1,093 2,648 968 1,506 1,93 2,648 968 1,506 1,93 3,562 1,93 2,648 968 1,506 1,93 3,648 968 1,506 1,93 3,648 968 1,506 1,93 3,648 968 1,506 1,93 3,648 968 1,506 1,93 3,648 968 1,506 1,93 3,648 968 1,506 1,93 3,648 9,507 2,001 6,905 1,94 3,870 2,05 3,95 3,95 3,95 3,95 3,95 3,95 3,95 3,9	14,489 27,184 42,288 14,204 26,84 3,733 425 557 (x) (x) (x) (x) (x) (x) 2,457 5,547 15,232 5,732 1,759 1,035 1,035 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036 1,036	14,489   27,184   42,288   49,731     14,204   26,947   41,898   49,436     1,564   2,884   3,733   4,289     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)   (x)     (x)   (x)     (x)   (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x)     (x)   (x	14,489   27,184   42,288   48,731   58,972     14,204   26,947   4,1898   48,436   58,656     1,564   2,684   3,733   4,289   4,989     4,499   425   557   540   675     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x,497   7,534   15,232   13,385   16,906     2,117   3,530   7,166   6,254   8,035     2,10   352   7,257   6,307   8,074     2,117   3,530   7,166   6,254   8,035     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)     (x)   (x)   (x)	14,489   27,184   42,288   49,731   58,972   59,105     14,204   26,947   41,988   49,438   58,856   58,918     1,564   2,884   3,733   4,289   4,999   5,649     (x)   (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)	14,489   27,184   42,288   49,731   58,972   59,105   63,935     14,204   26,947   4,1989   49,436   58,656   58,918   63,735     1,564   2,684   3,733   4,289   4,999   5,649   5,049     1,564   2,684   3,733   4,289   4,999   5,649   5,049     4,497   7,534   15,232   13,385   16,906   22,169   19,112     2,117   3,530   7,166   6,254   8,035   10,574   8,379     2,117   3,530   7,166   6,254   8,035   10,574   8,379     2,117   3,530   7,166   6,254   8,035   10,574   8,379     2,117   3,530   7,166   6,254   8,035   10,574   8,379     2,118   90   118   130   168   174   1,565     (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)     (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x)   (x	14,489   27,184   42,288   49,731   58,972   59,105   63,935   78,110     14,204   26,947   41,988   49,436   58,656   58,918   63,731   73,991     1,564   2,884   3,733   4,289   4,989   5,649   5,049   6,652     (X)	14,489   27,184   42,288   49,731   58,972   59,105   63,935   78,110   83,882   14,204   26,947   41,989   48,436   58,656   58,918   63,731   73,991   83,400   1,564   2,684   3,733   4,289   4,999   5,649   5,049   6,632   7,720   7,730   7,534   15,232   13,385   16,906   22,169   19,112   16,135   18,430   2,117   3,530   7,166   6,254   8,035   10,574   8,339   7,134   8,087   2,154   3,562   7,257   6,307   8,074   10,597   8,379   7,536   8,119   2,117   3,530   7,166   6,254   8,035   10,574   8,339   7,141   8,087   2,117   3,530   7,166   6,254   8,035   10,574   8,339   7,141   8,087   2,117   3,520   118   130   168   174   1,565   92   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,048   1,

#### No. 562. Social Security (OASDI)—Covered Employment and Earnings: 1960 to 1986

[Includes Puerto Rico and Virgin Islands and beginning 1970, American Samoa and Guarn. OASDI: Old-age, survivors, and disability insurance. Represents all reported employment. Data are estimated. See also Historical Statistics, Colonial Times to 1970, series H 172-185]

ITEM	Unit	1960	1970	1975	1980	1981	1982	1983	1984	1985	1986
Living covered workers 1	Million	107.4	133.5	145.2	159.0	161.5	163.4	165.6	167.6	169.5	171.4
With insured status 2	Million	76.6	105.3	120.0	136.7	140.3	142.9	144.5	145.9	147.9	150.3
Male	Million	49.2	61.7	68.1	75.4	76.8	77.7	78.2	78.8	79.6	80.5
Female	Million		43.6	51.9	61.3	63.5	65.1	66.2	67.2	68.3	69.7
Under 25 years old	Million	10.6	17.7	21.6	25.3	26.0	25.3	24.4	23.1	22.2	21.6
25-34 years old	Million		22.2	28.5	34.8	36.4	37.3	38.0	38.6	39.3	40.1
35-44 years old	Million		19.0	19.1	22.4	23.1	24.4	25.9	27.2	28.6	29.9
45-54 years old	Million		19.2	19.4	18.7	18.6	18.6	18.6	18.8	19.0	19.3
55-61 years old	Million		10.5	11.6	12.6	12.7	12.8	12.8	12.7	12.6	12.6
62-64 years old	Million		3.7	4.2	4.6	4.7	4.8	4.9	5.0	5.1	5.2
65-69 years old	Million		5.0	5.9	6.7	6.8	7.0	7.0	7.1	7.3	7.4
70 years old and over	Million		8.0	9.7	11.7	12.0	12.6	13.0	13.4	13.8	14.2
Workers reported with—	reminor.	4.0	0.0	40.7	1.00	12.0	14.0	10.0	19.7	10.0	17.0
Taxable earnings 3	Million	73	93	100	114	116	113	113	119	122	124
Maximum earnings 3			24	15	10	1.0	8	7	7	7	7
Earnings in covered employment	Bil. dol		532	787	1,321	1,448	1,512	1,608	1,770	1,907	2,036
Reported taxable 3	Bil. dol		416	665	1,175	1,301	1,357	1,449	1,603	1,719	1,841
Percent of total	Percent	78.1	78.2	84.5	88.9	89.8	89.7	90.1	90.6	90.1	90.4
Average per worker:	reitein	7.0.1	70.2	04.0	00.9	69.6	09.1	30.1	80.0	80.1	90.4
	Dollar	3.656	5.711	7,854	11,558	12,521	13,431	14.183	14,926	15,653	16,357
Total earnings			4.464	6,634	10,282	11,250	12,048	12,776	13,522		14,791

<sup>\*</sup>Estimated number of persons who had covered employment at any time during the period 1937 to year shown; not adjust lect effect of (a) provisions that coordinate the OASDI and railroad retirement programs and (b) wage credits for military set by partially adjusted to use eliminate duplicate count of persons with taxable earnings reported on more than one account ray ect of such duplication is substantially less significant for the insured than for the uninsured, includes persons currently ind not insured, not shown separately. \* Fully insured for retirement and/or survivor benefits as of beginning of \*\*Includes self-employment. See table 563 for maximum taxable earnings.

Source of tables 581 and 562: U.S. Social Security Administration, Annual Statistical Supplement to the Social Security Bullstin, I unsublished data.

NA Not available. X Not applicable.

¹ Represents cost of gratuitous military service wage credits and, for OASI only, Federal payments for special age-72 be for HI only, also includes transfers of appropriations for HI benefits of persons not insured for cash benefits under OASI, railroad referement and, beginning 1979, transfers for Professional Standards Review Organization expenditures. Beginning includes taxes on deemed wage credits for military service performed after 1956.

§ Revenues arising from application of income tax to up to half of the social security benefits of beneficiaries who substantial amounts of other income.

§ Includes other sources not shown separately.

§ Excludes HI contributions and includes employer contribution sind includes and includes employer contribution supplement benefit account.

§ Includes voluntary contributions to purchase additional annuity.

§ Estimated.

#### No. 563. Social Security (OASDHI)-Contribution Rates: 1970 to 1990

I Jamesry 1, except as noted. Effect of changes represents first full-year effect on contributions of changes in taxable wage base and combined tax rate. CASDI=Dtd-age, survivors, and disability insurance, HI=Hospital Insurance)

			-	CONTRIB	UTION	RATES (P	ercent)		O. marte		FECT OF	
YEAR	Annual maximum taxable	Maximum tax employee Self-employed mentary medical insurance,		CHANGES IN WA BASE AND/OR TO RATE (bil. dol.)								
	earnings (dol.) (dol.)	Total	OASDI	н	Total	OASDI	н	monthly rate (dol.)	Total	Wage base	Tax rate	
ct:	bet T	-			-	100	1				100	
	7,800	374	4.80	4.20	.60	6.90	6.30	.60	1 5.30	(2)	1.4	(°)
	14,100	825	5.85	4.95	.90	7.90	7.00	.90	6.70	1.4	1.4	(°)
-	25,900	1,588	6.13	5.08	1.05	8.10	7.05	1.05	1 9.60	3.6	3.6	(°)
-	29,700	1,975	6.65	5.35	1.30	9.30	8.00	1.30	1 11.00	16,9	4.2	12.7
******	32,400	2,171	6.70	5.40	1.30	9.35	8.05	1.30	1 12.20	4.1	2.8	1.3
***********	35,700	2,392	6.70	5.40	1.30	9.35	8.05	1.30	12.20	3.1	3.1	(°)
*****************	37,800	*2,533	*7.00	5.70	1.30	5 14.00	11.40	2.60	14.60	* 10.9	1.9	* 9.0
-	39,600	2,792	7.05	5.70	1.35	a 14.10	11.40	2.70	15.50	3.4	1.7	1.7
	42,000	3,003	7.15	5.70	1.45	<sup>a</sup> 14.30	11.40	2.90	15.50	6.2	2.5	3.7
	43,800	3,132	7.15	5.70	1.45	° 14.30	11.40	2.90	17.90	2.2	2.2	(E)
	(1)	(7)	7.51	6.06	1.45	a 15.02	12.12	2.90	(NA)	(NA)	(NA)	(NA)
schedule:	1	1	120	1.33	1.52	1.1263	5.07	LEY	7.7	120.3	2.3	
	(7)	(7)	7.51	6.06	1.45	4 15.02	12.12	2.90	(NA)	(NA)	(NA)	(NA)
	(7)	(7)	7.65	6.20	1.45	15.30	12.40	2.90	(NA)	(NA)	(NA)	(NA)

Not available. ¹ Effective July 1. ¹ No increase occurred. ¹ Employee's maximum tax; see footnote 4. ⁴ Employee's editional .3 percent is supplied from general revenues. ¹ Self-employed pays 11.3 ft in 1984, 11.8 percent in 1985, 12.3 percent in 1980 and 1987, and 13.02 percent in 1986 and 1989. The additional ft is supplied from general revenues. ⁴ \$4.5 billion of this increase was offset by employee tax credit. ¹ Will be id by Federal law to reflect increasing average earnings levels.

tos: U.S. Social Security Administration, Annual Statistical Supplement to the Social Security Bulletin, and unpublished data.

No. 564. Social Security Trust Funds: 1970 to 1986

[In millions of dollars, except percent. See also Historical Statistics, Colonial Times to 1970, series H 236-242]

TYPE OF TRUST FUND	1970	1970	1980	1961	1982	1982	1984	1968	1995
e and survivors insurance			}	Ì					
A99:	i	ı	l		ŀ	l		ł	
contribution income 1	30,256	56,816	103,456	122,627	123,673	136,337	166,957		194,165
aters from general revenue "	449	425	540	675	880	5,541	105	2,203	160
BET LECEMED	1,515	2,364	1,845	2,080	845	6,706	2,566	1,871	3,068
stit payments 4	26,796	58,517	105,083	123,803	*138,806	149,221	157,841	167,248	176,813
its, and of year sive ratio <sup>1</sup> (percent)	32,454	36,967	22,823	21,490				9 35,842	39,061
inve_ratio * (percent)	1111	62	21	17	16	13	17	21	22
Illy insurance (DI):						l		l	
contribution income 1	4,481	7,444	13,255	16,736	21,985	17,991	16,135	17,413	18,637
eters from general revenue *	16	90	130	166	174	1,121	l <del></del>	1,017	l
set received	277	502	485	172	546	1,569	1,174	870	803
ufit payments 4	3,085	8,505	15,515	• 17,192	* 17,378	17,524	17,890	18,827	19,853
its, and of year sive ratio <sup>7</sup> (percent)	5,614	7,364	3,629	3,049	2,661	* 5,195	* 3,950	* 6,321	7,780
live ratio ' (percent)	174	84	23	17	15	29	21	33	35
mi ineurance (HI):		1	l		l				
contribution income 1 *		11,569	23,896	32,981	34,610	38,169	42,466	47,617	54,626
sters from general revenue 10	874	670	671	900	1,015	2,756	752	47	657
set received *		663	1,149	1,602	2,022	3,285	3,150	3,362	3,619
ifft payments	5,124	11,315	25,064	30,342	35,631	39,337	43,257	47,580	49,756
its, and of year	3,202	10,517	13,749	18,748	11 8,184	12,858	15,691	20,499	39,957
inversitory medical insurance (SMI):	61	91	54	61	23	32	38	42	79
immental money inflation (Sm):	4 000	1		l			- 407		
premium incomeeters from general revenue	1,096	1,918	3,011	18 3,722	18 3,697	4,236	5,167	5,613	5,722
mers from general revenue	1,093	2,648	7,455	1811,291	1812,284	14,861	17,054	18,250	17,862
set received	12	106	406	362	599	725	959	1,243	1,141
ids, and of year	1,975	4,273	10,635	13,113	15,455	18,106	19,661	22,947	26,239
NS, 470 CF YEAR	188	1,444	4,530	5,877	6,230	7,070	9,896	10,924	8,291
suve seen , (bescess)	. 8	30	40	42	38	37	47	48	30

Itepresents zero. Includes deposits by States and deductions for refund of estimated employee-tax overpayment, ang in 1983, includes government contributions on desented wage credits for military service in 1957 and later. Beginning includes tax credits on wages paid in 1984 and not semining from self-employment in 1984-86; and later. Beginning naturates according to the service performed after 1966; and, for OASI only, (3) for costs of honests to certain and persons who attained age 72 before 1968. Beginning in 1983, includes increased on interest on interface to certain and persons who attained age 72 before 1968. Beginning in 1983, includes interest on interest on the service performed after 1966. Includes payments for vocational refund borrowing, interest on attained so reflect for military service performed after 1966. Includes payments for vocational refund to remark the performed after 1966. Includes payments for vocational refulbilitation services furnished to it persons receiving benefits because of their disabilities. Beginning in 1983, amounts reflect deductions for unnegotisted citiescus. Data adjusted to reflect 12 months of benefit payments.

If includes \$18 billion borrowed from the DI and after payments and administrative expenses during the year. Beginning in 1965, includes prad of year as a percentage aft payments and administrative expenses during the year. Beginning in 1975, includes pred inslightes enrolled in HL agreeants Federal Government transfers from general-fund appropriations to meet costs of benefits for persons not insured it benefits under OASI Trust Fund Repayment on Jen. 31, 1985, reduced the total to 250-DH or related retirement and for costs of benefits arising from military wage cradits. It is cludes little under OASI Trust Fund Repayment on Jen. 31, 1985, reduced the total to \$10.6 billion.

toe: U.S. Social Security Administration, Annual Report of Board of Trustees, CASI, DI, HI, and SMI Trust Funds. Nac. and in Social Security Bulletin, monthly.

#### No. 555. SOCIAL SECURITY (OASDI)-BENEFITS, BY TYPE OF BENEFICIARY: 1970 TO 1966

[A person eligible to receive more than one type of benefit is generally classified or counted only once as a retired-worker beneficiery. OASDI-OIG-age, survivors, and disability insurance. See also headnote, table 562; Appendix III; and Historical Statistics, Colonial Times to 1970, series H 197-229]

TYPE OF BENEFICIARY	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
			BENE	FITS IN CU	RRENT-PA	YMENT ST	TUS (en	d of year)		
Number of benefits (1,000)	26,229	32,086	35,125	35,585	36,006	35,839	36,085	36,479	37,058	37,708
Retired workers 2 (1,000)	13,349	16,588	18,970	19,562	20,195	20,763	21,419	21,906	22,432	22,987
Retired workers <sup>2</sup> (1,000)	1,493	2,489	2,871	2,859	2,777	2,604	2,569	2,597	2,657	2,727
Wives and husbands 2 4 (1,000)	2,952	3,320	3,467	3,477	3,459	3,405	3,347	3,355	3,375	3,386
Children (1,000)	4.122	4,972	4,794	4,607	4,430	3,883	3,593	3,408	3,319	3,291
Under age 18	3,315	3,835	3,566	3,423	3,206	2,934	2,812	2,729	2,699	2,661
Disabled children 5	271	362	435	450	463	472	488	506	526	545
Of retired workers	537 546	774 643	793 652	733 639	761 633	476 558	293 512	173	94 457	450
Of deceased workers	2,688	2,919	2,711	2,610	2.546	2.321	2,146	2,010	1,917	1,875
Of disabled workers	889	1,411	1,431	1,358	1,252	1,004	936	921	945	965
Widowed mothers 7 (1,000)	523	582	574	562	548	515	400	382	372	350
Widowed mothers 7 (1,000) Widows and widowers 2 8 (1,000)	3,227	3,889	4,321	4,411	4,508	4,595	4,694	4,779	4,863	4,931
Parents 2 (1,000)	29	21	16	15	14	12	11	10	10	7
special benefits * (1,000)	534	224	112	93	76	63	51	40	32	25
Average monthly benefit,	100				0.03		11 35			
current dollars:									470	
Retired workers *	118	207	294	341	386	419	441	461	479	488 831
Disabled workers 3	199	344 226	489 322	567 371	(NA) 413	702 441	743 456	780 471	814	488
Wives and husbands 2 4	59	100	141	164	186	203	217	227	236	241
Children of retired workers	45	77	119	140	161	165	176	186	198	204
Children of deceased workers	82	139	206	240	271	285	298	314	330	337
Children of disabled workers	39	62	95	110	123	128	136	139	142	141
Widowed mothers 7	87	147	213	246	277	303	309	322	332	338
Widows and widowers,	1.55	1	125.7	1	1 100	22.0	1 83	1 - 53	1 7 7 7	1.77
nondisabled 2		194	270	311	349	379	396	415	433	444
Parents 3	103	172	239	276	310	335	350	364	378	387
Special benefits *	45	69	92	105	116	125	129	134	138	140
Special benefits  Average monthly benefit, constant (1986) dollars:  Retired workers  Average monthly benefit, constant (1986) dollars:  Retired workers	328	412	425	437	454	474	481	484	484	488
Retired worker and wife *	553	685	707	726	(NA)	795	811	820	823	831
Disabled workers 2	364	450	465	475	486	499	498	495	489	488
Disabled workers 3	164	199	204	210	219	230	237	239	239	241
Children of deceased workers	228	277	298	307	319	323	325	330	335	337
Widowed mothers 7	242	293	308	315	326	343	337	338	336	336
Widows and widowers,		I Com	100	1000	1000	- 30	1109.	1	100	
nondisabled *	284	386	390	398	410	429	432	436	438	444
				BENEFIT	AWARDE	D DURING	YEAR (1,0	00)		
Number of benefits	3,722	4,427	4,227	4,215	4,059	3,859	3,756	3,691	3,796	3,853
Retired workers 2	1.338	1,506	1.597	1,620	1.600	1,625	1,670	1,607	1,690	1,734
Disabled workers 3	350	592	409	389	345	299	311	362	377	417
Wives and husbands *	436	499	471	469	437	430	436	425	440	441
Children	1,091	1,332	1,191	1,174	1,094	922	753	722	714	701
Widowed mothers 7	112	116	110	108	100	87	82	74	72	69
Widows and widowers * *	363	377	446	452	481	495	502	500	502	491
Parents *	30	1 1	1	1	1	1	(z)	(z)	(z)	(2
Special benefits	30	4	2	1	1	1	1	1	1	(2
				BENEFIT I	PAYMENTS	DURING Y	EAR (mil.	dol.)		
Total amount 11	31,863	66,923	104,263	120,472	140,995	156,137	167,033	175,762	186,195	196,692
Monthly benefits 18	31,570	66,586	103,923	120,118	140,662	155,934	166,827	175,551	185,988	196,489
Retired workers 2	18 437	38,078	60,379	70,359	83,614	95,123	103,578	109,957	116,823	123,584
Disabled workers 3	2,448	6,908	11,333	12,817	14,379	14,810	15,196	15,623	16,483	17,409
Wives and husbands * *	2,194	4,104	6,135	7,043	8.228	9,191	9,934	10,396	11,061	11,700
Disabled workers 3 Wives and husbands 2 4 Children	3,517	6.643	9,416	10,514	8,228 11,764	11,302	10,782	10.651	10,710	10,899
Under age 18	2,701	4,823	6,682	7,374	8,068	8,312	8,330	8,401	8,502	8,687
Under age 18 Disabled children 5	250	537	892	1.048	1,236	1,387	1,497	1,621	1,760	1,961
Students *	. 566	1,283	1,842	2,093	2,461	1,602	955	629	447	251
Of retired workers	303	634	1,014	1,142	1,321	1,223	1,143	1,135	1,140	1,166
Of deceased workers		4,888	6,608	7,389	8,307	8,204	7,911 1,728	7,775	7,762	7.B43
Of disabled workers	454 574	1,121	1,794	1,982	2,136	1,875	1,728	1,741	1,809	1,890
Widows and widowers 2 #	4,055	9,596		1,572	1,760	1,861	1,771	1,474	1,474 29,330	1,457
Widowed mothers 7. Widows and widowers 3 8. Parents 3.	39	9,596	15,071	17,638	20,749	23,488	25,425 56	27,325	29,330	31,340
Special benefits *	306	198	128	119	110	100	85	71	57	47
							30			
Lump sum	294	337	340	355	332	203	205	212	207	203

NA Not available. Z Fewer than 500. ¹ Benefit payment actually being made at a specified time with no deductions with deductions amounting to less than a month's benefits; i.e., the benefits actually being received. ²62 years and or ² Disabled workers under age 65. ¹ includes wite benefits and the entitled children in their care and entitled divorced with a series of the entitled children in their care and entitled divorced with the entitled children in their care. ² Full-time students aged 18 and 19 beginning 1965. ¹ includes unviving divorced mothers with entitled children in their care. ² includes widows aged 60-61, surel divorced wives aged 60 and over, disabled widows and widowers aged 50 and over, and beginning Jan. 1975, widowers aged 61. ² Benefits for persons aged 72 and over not insured under regular or transitional provisions of Social Security . ² O' Plantenes total disbursements of benefit checks by the U.S. Dept. of the Treasury during the years aged thereous the social disbursements of benefit checks by the U.S. Dept. of the Treasury during the years aged thereous.

Source: U.S. Social Security Administration, Annual Statistical Supplement to the Social Security Bulletin, and unpublished by

#### SOCIAL SECURITY (OASDI)—BENEFICIARIES, BENEFIT PAYMENTS, AND AVERAGE MONTHLY BENEFITS, 1970 TO 1986, AND BY STATES AND OTHER AREAS, 1986

of beneficiaries in current-payment status and average monthly benefit as of December. OASDI = Old-age, survivors, end disability insurance. See also headnote, table 565, and Appendix III]

	NUM	BER OF BE (1,00		IES	-	BENEFIT P	AYMENTS dol.)		AVE	NEFITS	NTHLY dol.)
SION, AND STATE	Total	Retired work- ers 1 2	Survi- vors	Dis- abled work- ers <sup>2</sup>	Total	Retired work- ers 1 3	Survi- vors 3	Dis- abled work- ers **	Re- tired work- ers *	Dis- abled work- ers	Wid- ows and widow- ers <sup>6</sup>
	26,229	17,093 20,323	6,470	2,665	31,863	21,076	7,721	3,067	118	131	102
***********	32,086 35,585	20,323	7,411 7,598	4,353	66,923 120,472	42,645 78,025 92,588	15,864 27,010	8,414 15,437	207 341	226 371	194
***************************************	36,006	23,935	7,615	4,456	140,995	92,588	31,206	17,200	386	413	34
	35,839	24,425	7,442	3,973	156,137	104,985	33,815	17,200 17,338	419	441	379
	36,085	25,021	7,251 7,182	3,813	167,033 175,762	114,133	35,369 36,839	17,530 17,900	441 461	456 471	396 415
	36,479 37,058	25,474 25,989	7,162	3,907	186,195	121,023 128,536	38,824	18.836	479	484	433
6, total 6	37 622	26,490	7,155	3,977	196,692	135.949	40,896	19,847	488	488	44
ind	36,726 2,063	25,966 1,537	6,954 342	3,806	193,631 11,357	134,273 8,327	40,105	19,253	491 (NA)	490	447
NOOTH AND THE PROPERTY OF	204	146	36	22	1,013	704	205	104	448	(NA) 451	(NA 42
npshire	152	113	24	14	814	602	144	68	490	481	456
nermanen um detempepea cora	85	702	15 158	81	5,171	304	977	419	478 492	478 482	432
usetts	941 176	130	28	18	959	701	165	93	489	461	446
cut	504	384	80	40	2,967	2,241	520	206	536	497	483
ntic	6,154 2,802	2,035	1,115	575 274	35,207 16,185	25,066	6,937 3,042	3,204 1,537	(NA) 524	(NA) 509	(NA 46
sey	1,189	877	204	107	6,998	11,606 5,081	1,311	606	533	513	478
ania	2,163	1.552	418	194	12.024	8.379	2.584	1,061	507	508	460
Central	6,525	4,571 1,182	1,268 353	686 189	36,213 9,365	24,817 6,203	7,846 2,180	3,550 982	(NA) 502	(NA) 510	(NA 460
	1,724 868	606	165	98	4,806	3,294	1,022	490	510	506	459
Magacontonia accomuni	1,701	1,215	329	157	9,625	6,794	2,028	803	520	509	46
***************************************	1,426	979	283	164	8,039	5,388	1,753	898	521	534	468
h Central	805 2,913	588 2,124	138	78 244	4,378	3,138	863 3,181	1,205	502	491	456
a	639	476	545 116	47	15,166 3,311	2,400	678	233	(NA) 473	(NA) 482	(NA 430
	511	376	96	39	2,726	1.952	577	197	492	481	44
kota	877 108	618 78	167 22	92	4,535 529	3,125	951 121	459	475 458	480 452	432
akota	124	90	24	10	596	420	132	44	450	449	412
a	261	194	47	19	1,362	987	283	92	483	474	444
intic	394 6,564	291 4,602	73 1,225	30 737	2,107 32,919	1,522	439 6,659	3,639	498	472	45
	97	70	17	10	530	371	105	54	(NA) 509	(NA) 489	(NA 458
	575	409	115	51	3,078	2,130	666	282	488	501	447
f Columbia	778	57 528	17 158	92	381	266 2,500	78	37 455	422 456	429 469	375
ginia	360	217	85	58	1,827	1,069	847 476	282	483	514	413
rolina	979	663	195	121	4,662	3,104	975	583	448	450	375
arolina	497 818	321 521	101 175	75 121	2,341 3,873	1,496 2,422	507 887	338 564	450 445	456 456	37
***************************************	2,381	1.816	363	202	12 425	0.263	2,118	1.044	487	498	449
h Central	2,496	1,585 385	550	362	11,579	7,177	2,762	1,640	(NA) 443	(NA)	(NA 388
00	617 777	512	137 163	95 103	2,895 3,680	1,746 2,374	710 833	439 473	443	479 457	386
Management of the second	668	422	153	93	3,128	1,928	772	428	445	460	378
pi	434	266	97	71	1.876	1,129	447	300	413	439	346
th Central	3,570	2,372 298	805 90	393 61	17,196 2,056	11,166	4,243	1,787	(NA) 429	(NA) 457	(NA 37
	449 610	362	155	92	2,853	1,656	793	404	453	482	396
a	2,004	354 1,358	105 454	48	2,500	1,697	571	232	464	470	413
	1,713	1,233	308	192	9,787 8,748	6,485 6,169	2,435 1,728	867 851	470 (NA)	472 (NA)	415 (NA
***************************************	129	91	25	13	660	456	140	64	478	494	443
midwoomorrouppino	147 56	109	25	13	744 291	536 205	144	64	476	495 489	437
Appropriate the desired and section of the last section of the las	374	41 265	71	38	1,900	1,309	64 406	185	487 477	489	436
xico	192	129	40	23	914	604	203	107	461	481	399
	516	379	85	51	2,679	1,937	473	269	494	520	449
	169	123 96	31 21	14	884 676	636 486	182	66 74	501 491	485 514	453
	4,729	3,477	796	456	25,243	18,147	4,652	2,444	(NA) 507	(NA) 503	(NA 460
ton	654	487	107	60	3,569	2,605	651	313	507	503	460
	458 3,456	345 2.524	74 589	39 343	2,457 18,411	1,804	439 3,418	1,849	497 497	510	454 452
***************************************	27	17	7	3	139	86	36	17	502	507	397
***************************************	134	104	19	10	667	508	108	51	486	472	414
Rico	549	297	102	150	1,715	856	348	511	309	393	273
an Samoa	4 3	2	2	1	12	7 3	3	1	332 294	423 357	272
Islands	8	5	2	1	38	25	9	4	434	416	343
4	331	219	94	18	1,289	785	427	77	385	464	358

available. Includes special benefits; see footnote 9, table 565. Includes benefits perable to dependents. It lump-sum payments to aurivors of decessed workers. Excludes persons with special benefits. Wondershed.

A. Boolel Security Administration. Quarterly in Social Security Bulletin.

#### No. 567. INDIVIDUAL RETIREMENT ACCOUNT (IRA), KEOGH ACCOUNT AND PENSION PLAN COVERAGE OF EMPLOYED PERSONS: 1983

(In thousands, except percent. As of May, Covers only persons employed for pay. Data based on supplement to Current
Population Survey (see text, section 1) conducted for U.S. Dept. of Health and Human Services and Employee Benefit Research

		IRA	AND KE	OGH ACCO	UNT		PE	NBION PL	AN COVERA	QE .
		Person an I	ne with RA <sup>1</sup>			Nonegri-	Peri			
SEX, AGE, AND CLASS OF WORKER	Em- ployed per- sons	Num- ber	Per- cent of em- ployed	Persons with spous-al IRA 1	Per- sons with Keogh ac- count <sup>2</sup>	cultural wage and selery workers	Num- ber	Per- cent of wage and selery work- ers	Persons pertici- pating in plan	Per- sons with vest- ing *
Total	98,964 56,026 42,936	10,713 10,224 6,489	16.9 18.3 15.1	1,964 1,812 142	438 392 (°)	98,214 46,199 40,015	40,660 26,515 21,015	<b>88.1</b> 59.2 52.5	40,666 24,808 15,891	30,706 17,824 10,884
Less than 25 years old	19,122 26,773 21,454 15,493 6,897 4,321 2,870	445 3,108 3,997 4,532 2,667 1,482 491	2.3 10.8 18.5 29.3 39.0 34.3 17.1	(4) 113 279 580 518 336 124	338 B	17,991 26,020 18,971 13,560 6,056 3,611 1,971	6,376 15,239 12,232 8,737 4,071 2,184 691	35.4 58.6 64.5 64.3 67.2 60.5 35.1	3,225 12,390 10,920 7,990 3,705 2,003 465	1,536 7,672 8,157 6,296 3,009 1,646 390
Private Federal government State and local government Self-employed.	74,071 3,235 12,513	12,040 778 2,245 1,648	16.3 24.1 17.9 18.0	1,475 (°) 186 229	BEER	72,465 3,235 12,513 (X)	36,456 2,809 10,263 (X)	50.3 86.8 82.0 (X)	29,167 2,564 8,968 (X)	18,589 2,325 7,783 (X)

X Not applicable. <sup>1</sup> Figures represent IRA participation in 1982. <sup>2</sup> A retirement plan similar to IRAs which is available to self-employed persons and unincorporated partnerships only. <sup>2</sup> Workers entitled to receive retirement benefits and those eligible for lump sum distributions. <sup>4</sup> Figure does not meet standards of reliability.

No. 583, Pension Plan Coverage of Civilian Workers by Wage or Salary Income: 1985 [Covers civilian workers as of March of following year who had earnings in year shown. Based on Current Population Survey; see text, section 1 and Appendix III]

		NUMBER 1	WITH COVER	AGE (1,000)	)	-	ERCENT OF	TOTAL CIVI	LIAN WORKE	ns .
SEX, AGE, RACE AND HISPANIC ORIGIN	Total 1	\$5,000- \$9,999	\$10,000- \$14,999	\$15,000- \$19,999	\$20,000 and over	Total <sup>1</sup>	\$5,000- \$9,999	\$10,000- \$14,999	\$15,000- \$19,999	\$20,000 and over
Total *	48,063	3,930 1,190	7,147	8,401 4,046	27,826 20,787	<b>42.8</b> 47.5	21.9	<b>40.9</b> 33.0	88.4	73.4
Male 3	20,083	1,190	2,566	4,046	20,787	47.5	16.8	33.0	54.6	72.0
15-24 years old	1,861	II 320	404	488 1,436	488	14.0	12.3	22.1	47.0	53.7
25-34 years old	8,346	322 174	960	1,436	5,582	46.9	15.8	30.9	49.7	85.6
35-44 years old	8,330	174	465	926	6,706	46.9 63.4	18.9	37.3	59.4	76.1
15-24 years old	10,064	297	691	1,132	7,778	66.4	26.3	46.2	62.9	78.6
Female *	19,876	2,740	4,639	4,445	7.037	37.4	25.3	46.9	64.6	75.1
15-24 years old	1,729	442	629	304	157	13.9	17.2	36.5	50.3	49.7
25-34 years old	6,156	667	1,463	1,563	2.179	40.9	23.2 26.7	45.9	62.0	85.0
35-44 years old	5,415	612	1,083	1,179	2,333	46.7	26.7	48.8	66.2	79.6
45-54 years old	6,254	920	1,400	1,358	2,304	49.3	34.0	54.5	71.8	82.0
White	42,350	3,221	5,858	7,042	24,964	42.8	21.5	39.6	57.8	72.8
Black	5,298	606	1,101	1,235	2,113	43.2	25.4	50.0	70.8	82.1
Hispanic 4	2,393	396	453	494	1,047	31.3	16.8	32.5	50.0	67.1

Includes workers with income under \$5,000, not shown separately.
 Includes persons 65 years old and over, not shown separately.
 Hispanic persons 8ource: U.S. Bureau of the Census, Current Population Reports, series P-80, No. 155. 2 Includes other races, not shown separately, spenic persons may be of any race.

Source: Employee Benefit Research Institute, Washington, DC, Individual Retirement Accounts: Characteristics and Policy Implications," Issue Brief #32, 1984, and New Survey Findings on Pension Coverage and Benefit Entitlement," Issue Brief #33, 1984, and unpublished data.

NO. **560.** ASSETS OF PRIVATE AND PUBLIC PENSION FUNDS, BY TYPE OF FUND: 1970 TO 1986 [In billions of dollars. As of end of year. Except for corporate equities, represents book value. Excludes Social Security trust tunds, see table 564]

TYPE OF PENSION FUND	1970	1975	1975	1980	1661	1983	1982	1984	1905	1995
Total, all types	230.2	431.7	747.4	913.9	967.8	1,152.4	1,358.3	1,477.2	1,738.3	1,367.4
Private funds	151.4	265.0	510.0	639.4	677.3	792.0	935.0	990.7	1,157.4	1,295.1
Insured	41.0	72.3	143.5	172.0	199.8	242.9	266.4	331.6	400.0	466.8
Nonineured 1	110.4	212.6	366.5	487.4	477.6	549.1	648.7	659.1	757.4	826.3
Corporate equities	67.1	108.0	166.5	231.3	210.0	258.1	311.3	297.2	363.0	436.6
U.S. Government securities	3.0	19.6	40.5	53.7	73.0	79.4	92.4	99.7	106.5	112.2
Corporate bonds *		42.4	67.6	79.7	85.1	91.6	103.3	113.7	119.4	122.2
Other	10.9	42.6	91.9	102.7	109.5	120.0	141.7	146.5	148.5	155.2
Public funds	87.8	146.7	237.4	274.5	310.4	360.5	423.2	486.5	580.8	672.3
State and local government	60.3	104.8	169.7	198.1	224.2	262.5	311.2	356.8	432.1	502.7
Corporate bonds *	35.1	61.8	85.0	94.5	103.8	107.3	106.6	118.1	123.3	131.4
Corporate equities		23.2	36.8	42.1	49.2	55.2	75.2	82.5	103.3	114.5
U.S. Government securities	6.6	7.8	30.1	40.0	51.8	71.2	86.2	111.2	128.7	149.7
Other	10.6	12.0	17.8	21.4	19.4	28.8	41.2	44.8	76.8	107.1
U.S. Government	27.5	41.9	67.7	76.4	86.2	97.9	112.0	130.0	148.8	169.6
Civil service	23.0	38.5	64.6	73.9	84.8	97.4	111.4	128.9	144.6	163.4
Refroed retirement	4.5	3.4	3.1	2.5	1.4	"'.2	'''2	3.1	4.2	6.2
	4.5	3.4	3.1	2.5	1.4	.5	ا .	J 3.1	1 4.2	0.2

<sup>&</sup>lt;sup>3</sup> Covers all pension funds of corporations, nonprofit organizations, unions, and multi-employer groups. Also includes deferred profit-charing plans; excludes health, welfare, end bonus plans.
<sup>3</sup> Includes foreign bonds.
<sup>4</sup> Includes U.S. Foreign Service Retirement and Disability Trust Fund.

No. 570. PUBLIC EMPLOYEE RETIREMENT SYSTEMS—BENEFICIARIES AND BENEFITS: 1970 TO 1985
[Number of beneficiaries as of and of year]

			u	EVEL OF G	OVERNMEN	T		TYPE OF	BENEFIT	
YEAR	Unit	Total		Federal		State	Age	~.	Surv	
			Total 1	Civil service	Armed Forces	and local	Age and service	Dis- ability	Month- ly	Lump- sum
Secoliciaries:   1970   1975   1980   1984   1985   1986   1987   1987   1987   1987   1987   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988	1,000 1,000 1,000 1,000 1,000 1,000 Mil. dol Mil. dol Mil. dol Mil. dol Mil. dol Mil. dol Mil. dol Mil. dol Mil. dol	3,050 4,426 5,669 6,265 6,803 6,903 9,355 21,617 41,080 55,501 55,501 58,378	1,759 2,480 3,052 3,390 3,419 3,512 6,075 14,592 28,042 37,435 38,824 40,877	959 1,372 1,675 1,913 1,910 1,972 2,620 7,532 15,085 20,627 21,509 22,725	773 1,073 1,330 1,427 1,456 1,487 3,133 6,606 12,478 18,142 16,607 17,416	1,291 1,948 2,607 2,895 3,274 3,392 3,260 7,025 13,018 18,088 19,880 22,501	2,204 3,243 4,200 4,657 5,127 5,268 7,210 17,200 32,416 43,581 45,654 50,626	419 549 708 786 730 751 1,312 2,707 5,371 7,851 7,876 7,507	427 636 751 842 636 884 645 1,439 2,890 4,079 4,556 4,702	(X) (X) (X) (X) (X) 189 271 377 491 538 543

X Not applicable. Includes other Federal systems, not shown separately.

# No. 571. Public Employee Retirement Systems—Average Annual Benefits per Annuitant: 1970 to 1985

#### [in dollars]

		ALL GOVE	PINNENT	3		FED	ERAL			STATE A	AD FOCYT	
YEAR	Total	Age and serv- ice	Die- ability	Survi- vor	Total	Age and serv- ice	Die- ability	Survi- vor	Total	Age end serv- ice	Die- ability	Survi- vor
CURRENT DOLLARS												
1970	4,821 7,190 8,680	3,271 5,304 7,719 9,368 8,944 9,610	3,136 4,931 7,598 9,352 10,515 9,998	1,512 2,263 3,856 4,842 5,450 5,319	3,440 5,875 9,181 11,030 11,355 12,603	4,065 6,873 10,529 12,801 12,820 13,271	3,174 5,254 8,324 9,933 10,844 11,094	1,448 2,558 4,481 5,325 6,003 5,905	2,413 3,478 4,869 6,084 6,048 5,919	2,452 3,600 5,029 6,127 5,744 6,837	2,985 3,887 5,821 8,077 9,767 7,491	1,667 1,719 2,624 3,671 4,091 3,826
CONSTANT (1985) DOLLARS <sup>1</sup> 1970 1975 1990 1983 1984 1986	1,777	8,532 10,026 9,974 10,069 9,256 9,810	8,180 9,286 9,805 10,053 10,885 8,986	3,944 4,278 4,981 5,205 5,842 5,319	8,973 11,105 11,863 11,869 11,754 12,803	10,803 12,991 13,605 13,780 13,271 13,271	8,279 9,931 10,766 10,677 11,225 11,094	3,772 4,836 5,780 5,723 6,214 5,905	6,294 6,574 6,279 6,539 6,261 5,919	6,396 6,975 6,496 6,586 5,945 8,957	7,734 7,809 7,582 8,682 10,110 7,48	4,348 3,249 3,391 3,946 4,236 3,395

Constant dollar figures are based on implicit price deflators for personal consumption expanditures revised by U.S. Bureau disconnect Analysis, 1988.

Source of tables 570 and 571: U.S. Social Security Administration, Social Security Bulletin, April 1968; and unpublished del

Source: Board of Governors of the Federal Reserve System, Flow of Funds Accounts, Assets and Liabilities Outstanding, 1957–63; Annual Statistical Digest, and unpublished data.

1 includes interest on investments.

#### No. 572, FEDERAL CIVIL SERVICE RETIREMENT: 1970 TO 1986

[As of end of flecal year or for flecal year ending in year shown; see text, section 9. See also Historical Statistics, Colonial Times to 1970, series H 262-270]

ITEM	Unit	1970	1975	1985	1981	1962	1985	1984	1988	1900
Annultants, total	1.000	477 185	1,372 732 258 362	1,675 905 343 427	1,779 973 348 456	1,626 1,010 348 470	1,870 1,045 343 482	1,910 1,062 338 490	1,937 }1,467 470	2,017 1,519 498
Receipts, total <sup>1</sup> Employee contributions Federal government contributions Diabursements, total <sup>2</sup> Age end service annultants <sup>2</sup> Survivors	Mil. dol Mil. dol Mil. dol	1,740 1,952 2,752 2,129	11,377 2,564 6,707 7,207 6,052 906	24,389 3,686 15,562 14,977 12,639 1,912	28,529 4,006 18,193 17,779 15,010 2,265	31,858 4,171 19,443 19,656 16,408 2,533	34,711 4,399 20,615 20,869 17,602 2,783	36,841 4,809 20,948 21,961 18,403 2,943	40,194 4,597 22,439 23,091 19,319 3,133	42,600 4,549 23,072 24,023 20,063 3,293
Average monthly benefit: Age end service	Dollars		620 408 209	992 723 392	1,036 756 419	1,117 820 463	1,150 851 466	1,149 851 501	} 1,098 556	1,100 551
Cash end security holdings	Bil. dol	22.4	38.4	73.7	84.4	86.6	110.5	125.3	140.9	159.5

Source: U.S. Office of Personnel Management, Compensation Report, annual.

#### No. 573. STATE AND LOCAL GOVERNMENT RETIREMENT SYSTEMS—FINANCES: 1970 TO 1986 [In millions of dollars. For flecal years closed during the 12 months ending June 30]

\* Includes refunds, death claims, and administration.

Includes disability annuitants.

			REC	EIPT8			ENEFITS /		Cesh
YEAR AND LEVEL OF GOVERNMENT	Total	Em- ployee		mment butions	Earnings on	Total	Bene-	With-	securi-
		contri- butions	State	Local	invest- ments		fits	drawels	ings
1970: All systems	7.184	2,788 2,149 639	2,048 1,978 67	2,554 1,237 1,318	2,460 1,821 639	3,636 2,382 1,256	3,037 1,913 1,124	601 489 132	54,918 39,986 14,953
1975: All systems	14.208	4,488 3,552 936	4,093 3,974 119	5,023 2,623 2,400	5,294 4,089 1,236	7,490 5,207 2,283	6,540 4,430 2,080	960 727 223	98,08- 74,700 23,36
1980: All systems	26,603	6,466 5,265 1,180	7,581 7,399 181	9,951 5,611 4,340	13,315 10,308 3,006	14,006 10,257 3,752	12,207 8,809 3,399	1,801 1,448 363	185,22 144,68 40,54
1985: All systems	71,731 58,313 15,418		12,227 11,976 251	15,172 8,944 6,226	34,652 27,480 7,372	24,184 17,987 6,177	21,999 16,189 5,610	2,166 1,796 367	373,93 296,60 77,24
1985: All systems	66,962		12,448 12,162 284	16,152 9,531 6,622	46,985 38,350 10,615	26,521 19,678 6,644	24,442 18,167 6,255	2,079 1,691 369	437,22 347,36 69,86

Source: U.S. Bureau of the Ceneus, Finances of Employee-Rethement Systems of State and Local Governments, series GF, No. 2, annual.

#### No. 574. Protection Against Short-Term Sickness Income Loss: 1970 to 1984

[In millions of dollars, except percent. "Short-term sickness" refers to short-term or temporary nonwork-connected disability (asting not more than 6 months) and the first 6 months of long-term disability. See also *Historical Statistics, Colonial Times to 1970*, series H 115-124]

ITEM	1970	1975	1978	1978	1985	1961	1962	1902	1984
Short-term sickness: income loss	6,650 35.1 694 2,952 1,476 411 1,066	23,595 9,002 36.2 973 4,326 2,011 536 1,779 3,542		36,072 13,371 37.1 1,322 6,967 3,216 699 3,072 4,892			42,558 16,200 38.2 1,595 8,499 2,931 967 4,581 6,026		52,776 17,900 33.3 1,410 6,957 2,907 900 5,462 7,221

¹ Provided by individual insurance, group benefits to workers in private employment, and sick leave for government employees.

Data for 1975-1983 include benefits for the eight month of disability psyable under old-age, survivors, deability, and health insurance program, not shown separately. □ Group accident and sickness insurance and self-insurance privately written either on a voluntary basis or in compliance with State temporary disability insurance laws in CA, HI, NJ, and NY. Includes a small ball undetermined amount of group disability insurance benefits paid to government workers and to self-employed persons through terms, track, or professional associations. □ includes State-operated plans in RI, CA, and NJ; State insurance Fund and special stand for disabled unemployed in New York; and provisions of Realized Unemployment Insurance Act.

Source: U.S. Social Security Administration, Social Security Bulletin, May 1966 and unoublished data.

#### No. 575. MEDICARE PROGRAM—ENROLLMENT AND PAYMENTS: 1970 TO 1986

[Enrollment as of July 1; payments for calendar year. Benefit payments represent trust fund outlays. Includes Puerto Rico, outlying areas, and enrollees in foreign countries. See text, section 12 for explanation of coverage

TYPE OF INSURANCE	Unit	1970	1975	1975	1978	1980	1661	1982	1983	1984	1985	1985, prel.
HOSPITAL AND/OR MEDICAL INSURANCE												
Enrollment, total					27,859 29,331	28,478 35,699					31,0 <b>8</b> 3 70,527	31,7 <b>66</b> 75 <b>,99</b> 7
HOSPITAL INSURANCE Envolument, total			24,640		27,450		28,580		29,587			31,263
Persons 65 end over Disabled persons 1 Benefit payments	1,000	(00)			24,548 2,911 20,623	2,963	25,591 2,990 30,342	2,954	26,670 2,918 39,337	27,112 2,884 43,257	27,883 2,907 47,580	28,322 2,942 49,758
MEDICAL INSURANCE Enrollment, total			23,904			27,400					29,989	30,623
Persons 65 and over Disabled persons 1 Benefit payments	1,000	(x)	21,945 1,869 4,273	23,531 2,543 7,252	24,098 2,859 8,706	24,680 2,719 10,635	2,759	25,707 2,705 15,455	26,292 2,682 18,106	28,764 2,851 19,681	27,311 2,678 22,947	27,925 2,606 26,239

X Not applicable. ¹ Age under 65; includes persons enrolled because of end-stage renal disease (ESRD) only.
Source: U.S. Health Care Financing Administration. Published in U.S. Social Security Administration, Annual Statistical Supplement to the Social Security Bulletin.

#### No. 570. MEDICARE—PERSONS SERVED AND REIMBURSEMENTS: 1975 TO 1984

[Persons served are enrollees who use covered services, incurred expenses greater than the applicable deductible amounts and for whom Medicare paid benefits. Reimbursements are amounts paid to providers for covered services. Excluded are retroactive adjustments resulting from end of facal year cost settlements and certain lump-sum interim payments. Also excluded are beneficiary (or third party peyor) liabilities for applicable deductibles, coinsurance amounts, and charges for non-covered services. Includes data for enrollees living in outlying territories and foreign countries]

1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1100	PERSON	S 65 YEAR	RS OLD AN	D OVER	D	SABLED	PERSONS	1
TYPE OF COVERAGE AND SERVICE	Unit	1975	1980	1983	1984	1975	1980	1983	1984
Persons served, total	1,000	12,032	16,271	17,897	18,904	975	1,760	1,835	1,845
spital insurance 1	1,000	4,963	6.024	6.691	6,496	475	728	752	700
Inpatient hospital	1,000	4.913	5,951	6.441	6,195	472	721	729	674
Skilled-nursing services	1.000	260	248	257	290	8	9	8	
Home health services 3	1,000	329	675	1.228	1,398	22	51	90	100
pplementary medical insurance 2			16,099	17,675	18,706	924	1,723	1,797	1,812
Physicians' and other medical services			15,627	17,209	18,128	865	1,631	1,714	1,721
Outpatient services	1,000	3,768	6,629	8,065	8,743	399	909	1.024	1,029
Home health services *	1,000	161	302	20	24	13	25	(NA)	20
Persons served per 1,000	1		100			1	1.11		
enrollees, total 3	Rate	528	638	660	686	450	594	629	640
spital insurance 2	Rate	221	240	251	240	219	246	258	243
Inpatient hospital	Rate	219	237	242	229	218	243	250	234
Skilled-nursing services	Rate	12	10	10	11	4	3	3	2
Home health services 3	Rate	15	27	46	52	10	17	31	35
pplementary medical insurance 2	Rate	536	652	672	699	471	634	670	684
Physicians' and other medical services		519	633	655	677	442	600	639	649
Outpatient services		172	269	307	327	204	334	382	388
Home health services 3	Rate	7	12	1	327	7	9	(NA)	. 6
Reimbursements, total	Mil. dol	12,689	29,134	46,727	(NA)	1,509	4,478	6,711	(NA
ospital insurance	Mil. dol	9,209	20,353	32,141	(NA)	987	2,765	4,173	(NA
Inpatient hospital			19,583	30,469	(NA)	968	2,714	4,050	(NA
Skilled-nursing services			331	413	(NA)	9	13	15	(NA
Home health services 3			440	1,258	(NA)	10	38	108	(NA
pplementary medical insurance			8,781	14,586	(NA)	522	1,713	2,538	(NA
Physicians' and other medical services			7,361	12,105	(NA)	295	997	1,555	(NA
Outpatient services			1,261	2,460	(NA)	221	701	983	(NA
Home health services *	Mil. dol	56	159	22	(NA)	5	16	(NA)	(NA
Reimbursements, per			51		100		100	1.10	
person served, total	Dollars	1.055	1,791	2,611	(NA)	1,548	2.544	3,658	(NA
ospital insurance			3,379	4.804	(NA)	2,077	3.798	5.550	(NA
Inpatient hospital	Dollars		3,291	4,730	(NA)	2.051	3,765	5,558	(NA
Skilled-nursing services	Dollars		1,336	1,612	(NA)	1.049	1,571	1.856	(NA
Home health services 3			652	1,025	(NA)	478	733	1,200	INA
polementary medical insurance	Dollars								(NA
Physicians' and other medical services	Dollars	268							(NA
		200							(NA
									(NA
pplementary medical insurance	Dollars Dollars Dollars	296 268 99		545 471 190 526	545 825 471 703 190 305	545 825 (NA) 471 703 (NA) 190 305 (NA)	545 825 (NA) 565 471 703 (NA) 341 190 305 (NA) 554	545 825 (NA) 565 994 471 703 (NA) 341 611 190 305 (NA) 554 771	545 825 (NA) 565 994 1,412 471 703 (NA) 341 611 908 190 305 (NA) 554 771 960

NA Not available. <sup>1</sup> Age under 65; includes persons enrolled because of end-etage renal disease (ESRD) only. <sup>2</sup> Persons are counted once for each type of covered service used, but are not double counted in totals. <sup>2</sup> Beginning 1982, a change in legislation resulted in virtually all home health services being paid under hospital insurance.

Source: U.S. Health Care Financing Administration, Medicare Program Statistics, annual; and unpublished data.

#### No. 577, MEDICARE—HOSPITAL UTILIZATION AND HOSPITAL AND PHYSICIAN CHARGES: 1970 TO 1985

[Data reflect date expense was incurred based on bills submitted for payment and recorded in Health Care Financing Administration central records through March 1967. Includes Puerto Rico, Virgin Islands, Guern, other outlying areas and enrollees in foreign countries]

		PER	SONS 65	YEARS C	AND ON	OVER	0	<b>GABLED</b>	PERSONS	•
ITEM	Unit	1970	1975	1980	1984 1	1966 1	1975	1982	1984 1	1985 1
Hospital Inpetient care: Admissions. Per 1,000 enrolless * Covered days of care. Per 1,000 enrolless * Per 4,000 enrolless *	Millions	302 79	7,407 330 84 3,731 11.3	9,256 389 98 3,885 10.5	10,335 361 94 3,490 9.1	9,740 352 90 3,280 9.3	822 379 9 4,196 11.1	1,271 429 13 4,546 10.6	1,364 473 13 4,430 9.4	1,313 452 13 4,310 9.5
Hospital covered charges	Mit. dol Dollars Percent	5,968 75 78.0	12,089 144 75.9	26,815 293 70.0	51,790 549 87.0	55,592 616 68.1	1,371 151 73.6	4,087 303 68.6	7,029 549 66.5	7,592 808 85.2
Physician allowed charges Percent reimbursed	Mil. dol Percent	2,310 71.9	4,023 74.3	9,011 76.0	15,801 78.1	17,504 76.9	367 78.1	1,112 78.7	1,708 78.4	1,792 78.8

<sup>&</sup>lt;sup>1</sup> Estimated to adjust for bill processing lag. <sup>2</sup> Disabled persons under age 85 and persons enrolled solely because of end-stage renal disease (ESRD) <sup>3</sup> Based on Hospital insurance (HI) enrollment as of July 1.

Source: U.S. Health Care Financing Administration, unpublished data.

No. 578. MEDICARE AND MEDICAID—SUMMARY, BY STATE AND OTHER AREAS: 1960 AND 1986
[1985 data are preliminary estimates. For composition of regions, see fig. I, inside front cover]

	M	EDICAR	E	M	EDICAID	5		м	EDICARE		ME	EDICAID	3
REGION, DIVISION, AND STATE	Enroll- ment,1		nents <sup>2</sup> dol.)	Recipi- ents,4		nents dol.)	DIVISION AND STATE OR OTHER AREA	Enroll- ment, 1	Paym (mil.	ents <sup>2</sup> dol.)	Recipi- ents,4	Payn (mil.	nents dol.)
	1986 (1,000)	1980	1986	1986 (1,000)	1980	1986	Economic Control	1986 (1,000)	1980	1986	1986 (1,000)	1980	1986
Total	31,768	35,699	75,997	22,337	23,311	40,805	So. Atl.—Con.	80	149	283	99	168	201
U.S.*	31,107	35,561	75,734	20,561	23,210	40,645	VA		614	1,384	314	359	595
Region:				,			WV	296	260	647	211	104	201
Northeast	7,199	9.071	18,635	5.056	8,138	14.639	NC		642	1,393	378	401	751
Midwest	7,998	9,507	19,388	5,213	5,637	9,866	SC	388	302	689	262	258	394
South	10,451		23,440	5,741	5,557	9,708	GA		601	1,360	484	462	818
West.			14,256	4,551	3,878	6,432	_ FL		2,278	5,532	588	392	1,000
N. Eng		2,238		1,053	1.781	3,114	E. So. Cent	2,042	1,878	4,101	1,385	1,150	1,936
ME	173	177	335	125	131	283	KY	504 642	437 594	1,312	415 395	296 380	719
NH	127	120		35	72	133	AL	545	523	1,139	316	263	410
VT	71	68	122	50	59	95	MS		324	720	259	211	270
MA	843	1,179		529		1,665	W. So. Cent	2,926	2,979	6,563	1,658	1,896	3,050
RI		189	363	97	160	263	AR	376	333	720	203	235	434
CT	445	505		217	350	675	LA		467	1,051	446	415	780
Mid. Atl	5,387	6.833		4.003			OK	430	443	890	242	265	422
NY ,		3,409		2,323	4,543	8,251	TX	1,636	1,736	3,902	767	981	1,414
NJ	1.047	1,198	2,707	581	756	1,281	Mt	1,395	1,304	2,893	446	505	917
PA	1,862	2,226		1.099	1.058	1,993	MT	108	99	198	52	62	112
E. No. Cent		6,720		3,977	4,114	7,241	ID	120	97	216	40	52	85
OH		1,606		1,086	809	2,050	WY	46	44	88	21	14	33
IN	711	719		298	354	828	CO	310	315	663 299	132	182	304
1	1,473	2.046		1,064	1.192	1,675	NM		137 383	912	92		(X
MI	1,155	1,620		1,120	1,072	1,768	1.07	400	110	248	(X) 76	(x)	140
WI	678	729		409	687	920	NV	102	119	269	33	45	75
W. No. Cent		2,787	5,711	1,236	1,523	2,625	Pac		5,225	11,362	4,105	3,373	5,515
MN		594		344	590	1,044	WA	546	507	1,172	358	329	628
IA		453		222	230	374	OR	382	385	800	163	179	260
MO	753	888		360		556	CA	2,992	4,219	9,138	3,466	2,728	4,405
ND	95	109		40		121	AK	18	18	42	29	28	85
SD	106	96		37	55	103	HI	105	96	210	89	109	137
NE		234	432	102		188	the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	10000	124	232	1,762	97	156
KS		413		131	197	239	PR	400	124	232	1,762	3/	100
So, Atl	5,483	5,555		2,698		4,722	areas	10	4	8	614	*2	
DE	78	87	167	39	45	79	Foreign	250	9	24	(x)	(x)	(X
MD	491			323		680	r Ordigitation	200	9	2.7	141	101	. "

X Not applicable. 

1 Hospital and/or medical insurance enrollment as of July 1.

2 Payments are for calendar year and represent total disbursements from Federal hospital and supplementary medical insurance trust funds. Estimates of distribution by State based on interim reimbursements.

2 For fiscal year ending Sept. 30.

4 Persons receiving Medicaid at any time during year.

4 Includes data for enrolless with residence unknown.

4 Virgin Islands only.

Source: U.S. Health Care Financing Administration, Medicare Program Statistics, Selected State Data, 1978–1982, May 1984 and unpublished data.

# 579. MEDICAID—SELECTED CHARACTERISTICS OF PERSONS COVERED, BY POVERTY STATUS: 980 TO 1985

ands, except percent. Represents number of persons as of March of following year who were enrolled at any time in in. Person did not have to receive medical care paid for by Medicaid in order to be counted. See headnote, table 556]

							198	5			
POVERTY STATUS	1980, total	1983, total	1984, total	Total 1	White	Black	His- panic *	Under 15 years old	15- 44 years old	45- 64 years old	65 years and over
covered, total	18,966	19,286	19,348	19,204	12,134	6,349	2,724	7,213	7,437	1,838	2,716
rty level	11,113	13,224	13,207	12,652	7,459	4,668	2,035	5,634	4,919	1,017	1,082
rty level	7,854	6,062	6,141	6,552	4,675	1,681	689	1,579	2,518	821	1,634
of total population	8.4	8.3	8.3	8.1	8.0	22.3	16.5	13.9	8.6	4.1	10.0
	39.1	38.7	40.4	39.7	34.0	53.7	42.7	51.6	36.6	24.5	32.1
	4.0	3.1	3.1	3.2	2.6	8.5	5.9	3.9	2.5	2.0	6.9

other races not shown separately.

Hispanic persons may be of any race.

J.S. Bureau of the Census, Current Population Reports, series P-80, No. 155, and earlier reports.

#### MEDICAL ASSISTANCE (MEDICAID)—RECIPIENTS AND PAYMENTS, BY BASIS OF ELIGIBILITY AND TYPE OF SERVICE: 1975 TO 1986

year ending in year shown; see text, section 9. Includes Puerto Rico and outlying areas. Excludes Artzons, which has 2 Title XIX (Medicaid) program, Medical vendor payments are those made directly to suppliers of medical care)

ASIS OF ELIGIBILITY AND TYPE OF SERVICE	1975	1980	1982	1983	1984	1985	1986
RECIPIENTS (1,000)							
neurients (1,000)	22,007	21,605	21,603	21,554	21,607	21,808	22,337
	1		45.000	- 11	17.000		
over		3,440	3,240	3,372	3,238	3,061	3,129
<u> </u>	109	92	84	77	79	80	81
***************************************	2,355	2,819	2,806	2,844	2,834	2,936	3,087
gram	14,127	14,210	14,920	15,128	15,284	15,270	15,534
**************************************		9,333	9,563	9,535	9,684	9,752	10,218
***************************************	4,529	4,877	5,356	5,592	5,600	5,518	5,316
***************************************	1,800	1,499	1,434	1,129	1,187	1,214	1,357
rvices in-		( C		12.0		9.25	150
tospital	3,432	3,680	3,530	3,696	3,467	3,434	3,504
pspital	67	66	72	80	35	60	52
a care facilities:		1 (2)	-5.5	300	1 53		100
retarded	69	121	149	151	141	146	146
***************************************	682	789	765	793	796	829	835
ing facility	630	609	559	574	559	547	560
**************************************	15,198	13,765	13,894	14,056	14,195	14,387	14,813
DEPARTMENT OF THE PARTMENT OF	3,944	4,652	4,868	4,940	4,942	4,634	5,108
tioner	2,673	3,234	3,223	3,306	3,353	3,357	3,437
hospital		9,705	9,853	10,069	10,035	10,072	10,721
	1,086	1,531	1,702	1,760	2,037	2,121	2,053
	4,738	3,212	3,814	4,462	4,822	6,354	7,117
h	343	392	377	422	438	535	599
drugs		13,707	13,547	13,732	13,935	13,921	14,667
ning	1,217	1,129	1,506	1,538	1,577	1,636	1,714
PAYMENTS (mil. dol.)	1,217	1,120	1,000	1,500	1,077	1,000	10.13
***************************************	12,242	23,311	29,399	32,391	33,891	37,508	40,805
l over		8,739	10,739	11,954	12,815	14,096	15,335
044		124	172	183	219	249	271
***************************************	3.052	7,497	10.233	11,184	11,758	13,203	14,364
		6,354	7.567	8.322	8.398	9,160	9,965
gram							
<del></del>	2,186	3,123	3,473	3,836	3,979	4,414	4,802
<del></del>	2,062	3,231	4,093	4,487	4,420	4,746	5,163
	494	596	689	747	700	798	868
rvices in-	10000	59.77	1.000	1455	Ce:75	5,67	19.10
nospital	3,374	6,412	7,670	8,813	8,848	9,453	10,170
ospital	405	775	974	933	1,042	1,192	1,112
p care facilities:		1000	1	1 1 1 1 1 1 1	100	100	100
retarded	381	1,989	3,467	4,079	4,256	4,719	5,068
	1,885	4.202	4,979	5.381	5,823	6,526	6,821
ing facility	2,434	3,685	4,427	4,621	4,810	5,073	5,537
	1,225	1,875	2,086	2,175	2,220	2,346	2,546
		462	492	467	469	458	526
ioner	127	198	226	226	232	251	242
hospital	373	1,101	1.438	1.574	1,646	1,789	1.980
	389	320	400	479	594	714	810
·	126	121	160	184	207	337	425
<b>N</b>	70	332	496	597	774	1,120	1.381
			1,599	1,771	1,968	2.315	2,689
drugs	815	1,318	133	156	164	195	224

<sup>75,</sup> recipient data are unduplicated counts of persons receiving Medicaid at any time during year. Beginning 1980, tall do not add due to small number of recipients that are reported in more than one category, includes recipients of interest of the content care not shown separately.

2 Permanently and totally.

3 Aid to tambles with dependent children radiological services.

R. Health Care Financing Administration, Health Care Financing Review, quarterly.

No. 581. STATE UNEMPLOYMENT INSURANCE—SUMMARY: 1970 TO 1986
[See headnote, table 562]

ITEM	Unit	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
Insured unemployment, avg. weekly	1,000	1,805	3,986	2,359	2,433	3,350	3,047	4,061	3,396	2,476	2,611	2,650
Percent of covered employment 1	Percent	3.4	6.0	3.3	2.9	3.9	3.5	4.6	3.9	2.8	2.9	28
Unemployment benefits, avg. weekly	Dollars	50	70	84	90	99	107	119	124	123	127	134
Percent of weekly wage	Percent	35.6	37.2		35.9	37.5	35.6	37.2	37.6	35.8	35.3	35.7
Weeks compensated	Million	78.9			106.1	149.0			155.5	111.6	119.3	121
Beneficiaries, first payments	1.000		11,160	7.565	8.074	9.992	9.401				8.350	
Average duration of benefits *	Weeks	12.3	15.7	13.3		14.9				14.4		
Claimants exhausting benefits	1.000	1.295	4.195			3.072				2 600	2.575	
Percent of first payment 3	Percent	24.4	37.8	26.7	26.7	33.2	32.4	38.5		34.1	31.3	32.5
Contributions collected *	Bil. dol	2.5	5.2	11.2	12.1	11.4	11.7	12.2	14.6	18.8	19.3	18.5
Benefits paid		3.8	11.8	7.7			13.3	20.7	17.8	12.6		
Funds available for benefits 5	Bil. dol	11.9	4.5	9.3	12.5		11.6	7.5	7.3	11.6		
Average employer contribution rate 5		1.3	1.9	2.8	2.7	2.5	24	2.5	2.8	3.2	3.1	2.7

<sup>&</sup>lt;sup>1</sup> See footnote 1, table 582. <sup>2</sup> Weeks compensated divided by first payment. <sup>3</sup> Based on first payments for 12-month period ending June 30. <sup>4</sup> Contributions from employers; also employees in States which tax workers. <sup>5</sup> End of year. Sum of balances in State clearing accounts, benefit-payment accounts, and State accounts in Federal unemployment trust funds. <sup>9</sup> Ae percent of taxable wages,

No. 582. STATE UNEMPLOYMENT INSURANCE, BY STATE AND OTHER AREAS: 1966

[includes unemployment compensation for State and local government employees where covered by State law. See also Historical Statistics, Colonial Times to 1970, series H 305–317]

	AVER	MGE WE	EEKLY—				AVER	AGE WE	EEKLY-	J	1
STATE	ineu unem me	ploy-	Unem- ploy-	Benefi- claries, first pay-	Bene- fits paid (mil.	STATE OR OTHER AREAS	Ineu unem me	ploy-	Unem- ploy-	Benefi- claries, first pay-	Ber fit pe
	Num- ber (1,000)	Per- cent <sup>1</sup>	ment benefits (dol.)	ments (1,000)	dol.)		Num- ber (1,000)	Per- cent <sup>1</sup>	ment benefits (dol.)	ments (1,000)	do
United States	2,083	2.8	134	8,322	15,483	Montana	10	4.0	125	31	
						Nebraska	13	2.1	111	43	1
labama	43	3.2	99	175	180	Neveda	12	2.8	133	41	ļ
eska	17	8.0	158	56	138	New Hampehire	4	8.	115	23	l
Izone	25	2.0	111	74	106	New Jersey	86	2.8	158	266	1 (
kanees	28	3.6	117	98	124	New Mexico	17	3.5	121	42	l l
Momia	392	3.6	118	1.114	2,074						1
	i			1		New York	191	2.5	136	541	1 1.
lorado	33	2.4	155	102	220	North Carolina	40	1.9	117	224	l ''
nnecticut	25	1.6	153	111	174	North Dekota	7	3.4	149	22	
Newere	1 6	2.0	143	21	44	Ohio	118	2.8	148	340	ł
strict of									,		1
Columbia	. 8	2.1	159	22	60	Oldehoma	38	3.3	148	112	
oride	59	1.4	123	182	291	Oregon	42	4.3	136	130	!
rorgie	43	1.8	109	220	219	Pennsylvania Rhode Island	185	3.7	153	487	1 1.
wei	. 9	2.1	145	27	49	Rhode lalend	13	3.1	129	45	} "
	1			-	1	South Carolina	26	2.3	100	102	t
eho	15	4.8	133	47	74	South Dekota	-3	1.5	108	111	ı
nois	144	3.2	141	364	957			'	٠.٠٠		ı
fene	45	2.2	99	151	186	Tennessee	44	2.5	92	186	1
	29	2.9				T					١.
<b></b>	2		139	85	161	Tecas		2.6	160	528	1.
neas	25	2.6	149	83	159	Uteh	14	2.5	154	49	I
intucky	37	3.2	107	120	177	Vermont	5	2.5	121	18	ı
ulelana	81	5.4	150	217	536			1		1	ı
						Virginia	23	1.0	127	124	1
ine	12	2.8	122	36	58	Washington	65	4.1	137	177	ı
erviend	. 368	2.1	136	110	206	West Virginia	24	4.3	142	72	1
ecachusetts	64	23	153	203	447	Wisconsin	50	3.1	141	201	١.
chigen		3.2	153	406	733	Wyoming		3.9	164	24	
nneecta	45	2.5	186	135	340	**************************************		3.9	104	. ~	ı
	31						٠		ــ ا	I	ı
ississippi	1 31	4.0	93	93	107	Puerto Rico	42	5.8	71	72	ĺ
leeouri	51	2.6	107	172	221	Virgin Islands	1	2.2	111	2	ı

<sup>&</sup>lt;sup>1</sup> Insured unemployment as percent of averge covered employment in preceding year.

Source: U.S. Employment and Training Administration, Unemployment Insurance Statistics, and Annual Report of the Secretary of Labor.

Source: U.S. Employment and Training Administration, Unemployment Insurance Statistics, monthly, and Annual Report of the Secretary of Labor.

#### No. 583. Workers' Compensation Payments: 1970 to 1985

Illians of dollars, except as indicated. See headnote, table 564. See also *Historical Statistics, Colonial Times to 1970,* series H 332-345]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985
covered * (mil.)	59	67	72	76	79	79	79	78	79	82	84
nnusi benefits paid	3,031	6,598	6,629	9,793	12,027	13,562	15,016	16,319	17,611	19,685	22,470
te carriers <sup>2</sup>	1,843 755 432	3,422 2,324 852	4,629 2,750 1,250	5,256 3,039 1,497	6,157 4,022 1,848	7,023 4,333 2,206	7,868 4,614 2,534	8,647 4,795 2,877	9,268 5,066 3,277	10,610 5,376 3,700	12,334 5,874 4,262
benefit: al/hospitalization		2,030 4,568 3,843 725	2,680 5,950 5,075 875	2,980 6,813 5,848 965	3,520 8,507 7,232 1,275	3,930 9,632 8,322 1,310	4,420 10,596 9,196 1,400	4,877 11,442 9,932 1,510	5,697 11,914 10,404 1,510	6,420 13,265 11,675 1,590	7,300 15,170 13,460 1,710
of covered payroll: rs' compensation costs * *	1.11	1.32	1.71	1.86	1.95 1.01	1.96 1.06	1.64 1.08	1.73 1.15	1,67 1.18	1.64 1.20	1.81

nated per month.

<sup>1</sup> Net cash and medical benefits paid under standard workers' compensation policies.

<sup>2</sup> Net cash sizel benefits paid by competitive and exclusive State funds and by Federal workers' compensation programs, including go benefit program.

<sup>3</sup> Cash and medical benefits paid by self-insurers, plus value of medical benefits paid by self-insurers increased possible paid by self-insurers increased possible paid by self-insurers increased possible paid by self-insurers increased by 5–10 percent to allow for administrative costs. Also includes benefits a deministrative costs of Federal system for government employees.

<sup>4</sup> Excludes programs financed from general —black lung benefits and supplemental pensions in some States.

#### No. 584. Workers' Compensation Payments, by State: 1980 to 1985

are of dollars. Calendar-year data, except flecal-year data for Federal civilian and other programs and for a few States with funds. Payments represent cash and medical benefits and include insurance losses paid by private insurance cornires (comtem in Speciator (Insurance by States . . . of Casually Lines), from reports of State insurance commissions, and from A st Co.); net disbursements of State funds (from the Speciator, from Argue Casually and Surely Chart, and from State resettinated for some States; and self-insurance payments, estimated from available State data, includes benefit payments. Longshorement's and Harbor Workers' Compensation Act and Defense Bases Compensation Act for States in which such into are made)

TATE	1980	1982	1983	1984	1985	STATE AND PROGRAMS	1980	1982	1983	1984	1985
Planentani	13,562	16,319	17,611	19,685	22,470	Nevada	69	92	96	106	123
	-	100	-	-	-	New Hampshire	48	60	64	77	91
		132	147	166	203	New Jersey	316	350	395	444	501
		64	77	93	109	New Mexico	54	81	92	114	140
	120	138	171	165	198	New York	637	760	758	858	985
S	83	103	118	134	142	North Carolina	131	160	173	201	242
B		2,033	2,261	2,655	3,243	North Dakota	17	22	23	29	33
<b>)</b>		181	210	251	281	Ohio	776	1,019	1,085	1,259	1,441
icut	1	209	232	266	305	Oklahoma	134	211	228	266	291
	0.	27	30	36	40		1.5		1000	255.54	
8			30	30	40	Oregon	275	307	313	346	407
of Columbia	70	81	78	74	74	Pennsylvania	572	723	781	888	998
	200					Rhode Island	55	71	81	85	97
PER PROPERTY AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COL		520	645	685	815	South Carolina	79	99	107	128	156
		235	256	296	360	South Dakota	13	17	18	21	26
		96	105	122	126	Tennessee	129	149	149	175	204
		44	46	56	66	Texas	701	982	1,084	1,293	1,564
		673	740	825	912	( under	,		1,001	1,000	.,,
		118	129	134	152	Utah	39	51	51	66	80
		107	110	120	125	Vermont	15	19	24	25	30
	85	105	115	126	142	Virginia	174	212	221	243	269
y	161	168	168	194	225	Washington	324	419	532	627	785
	1 500	10.0	12.5	1000	1000	West Virginia	176	212	222	249	285
n	301	384	415	431	466	Wisconsin	172	206	214	239	287
	81	124	145	170	211	Wyoming	14	37	44	48	47
1	1	242	255	272	306	wyonang	,,,,	31	44	40	76
rusetts		369	408	451	510	Federal programs:					
1	000	673	665	733	782	Civilian			4.1	1.5	
ta	250	336	348	374	431		776	899	919	1,004	1,055
)piiqc		71	75	83	98	employees	110	999	919	1,004	1,000
	124	152	172	195	233		1 700	1,667	1,691	1 641	1,603
		56	66	79	102	Other 3	1,739	1,007	1,691	1,641	1,003
	100	53	57	61	65	Other *				9	1
<u>a</u>	43	53	5/	61	65				- 1		

ides payments by Social Security Administration and by Department of Labor. 

<sup>a</sup> Primarily payments made to dependents rists who died while on active duty in the Armed Forces.

s: U.S. Social Security Administration, Annual Statistical Supplement to the Social Security Bulletin.

s: U.S. Social Security Administration, Social Security Bulletin, December 1986 and unpublished data.

#### No. 585, BLACK LUNG BENEFIT PROGRAM—BENEFICIARIES AND PAYMENTS: 1975 TO 1987

(in thousands, except as indicated. Benefits payable to miners disabled because of pneumoconiceis and to their dependents and survivors as a result of Federal Coal Mine Health and Safety Act of 1999 and subsequent amendments and revisions. Claims by miners or their survivors are hendled by the Social Security Administration (SSA) or the Department of Labor, depending upon the date the claim was filed. Claims filed by a miner by June 30, 1973, and those filed by survivors by December 31, 1973 were processed by SSA. Benefits under the program as administrated by SSA are paid out of Federal general tax revenues. Claims filed by a miner between July 1 and December 31, 373 and all calms filed after December 1973 were processed by Department of Labor and are paid by either a responsible mine operator or the Department of Labor.

		SOCIAL S	BECURITY	ADMINIS	TRATION		DE	PARTMEN	T OF LAB	OR
TYPE OF BENEFICIARY	1975	1905	1984	1905	1960	1967, est.	1975	1980	1964	1005
Beneficieries, total <sup>1</sup> Miners. Widows Dependents <sup>2</sup> Payments (mil. dol.).	482 165 139 177 950	399 120 147 133 1,030	314 66 141 87 1,036	295 78 136 79 1,025	276 70 136 70 971	252 62 130 60 930	<b>3333°</b>	136 53 27 59 707	163 63 37 64 506	160 61 36 62 563

NA Not available. <sup>1</sup> As of end of year. <sup>2</sup> Dependent wife or child or surviving child, parent, brother, or sister. Source: U.S. Social Security Administration, Social Security Bulletin, monthly; and U.S. Department of Labor, Employment Standards Administration, Black Lung Benefits Act, Annual Report.

#### No. 586. Persons With Work Disability by Selected Characteristics: 1967

[in thousands, except percent. As of March. Covers civilian noninetitutional population and members of Armed Forces Ilving off post or with their families on post. Persons are classified as having a work disability if they (1) have a health problem or disability which prevents them from working or which limits the land or amount of work they can do; (2) have a service-connected disability or ever retired or left a job for health reasons; (3) did not work in survey reference week or previous year because of long-term lineas or disability; or (4) are under age 65, and are covered by Medicare or receive Supplemental Security Income. Based on Current Population Survey; see text, section 1 and Appendix III]

AGE AND PARTICIPATION STATUS IN ASSISTANCE PROGRAMS	Total 1	Male	Female	White	Black	Hispan- ic <sup>2</sup>
Persons with work disability  16-24 years old  25-34 years old  35-44 years old  45-54 years old  45-54 years old  Percent work disabled of total population  16-24 years old  25-34 years old  35-44 years old  35-44 years old  55-54 years old  35-56 years old	13,353 1,177 2,292 2,508 2,522 4,854 8.6 3.5 5.4 7.5 11.0 22.2	6,917 647 1,252 1,363 2,394 9.1 3.8 5.9 8.2 11.3 23.3	6,436 530 1,040 1,149 1,258 2,459 8.1 3.1 4.8 6.7 10.6 21.2	10,699 899 1,784 2,014 1,963 4,039 6,1 3,21 5,0 7,0 9,9 20,9	12,336 233 441 440 487 735 13.0 4.9 8.5 12.4 20.0 35.6	934 114 172 191 175 282 7.9 3.4 4.8 7.8 12.0 27.0
Percent of work disabled—Receiving Social Security income	28.2 18.6 20.7 4.1 2.2	30.0 14.4 15.8 2.2 1.3	26.2 23.2 25.9 6.2 3.1	29.3 15.0 17.6 2.4 1.9	24.7 35.1 34.4 11.9 3.7	24.0 27.3 29.3 6.7 2.0

<sup>&</sup>lt;sup>1</sup> includes other races not shown separately. 
<sup>2</sup> Hispanic persons may be of any race. Source: U.S. Bureau of the Census, unpublished data.

#### No. 587. VOCATIONAL REHABILITATION—SUMMARY: 1970 TO 1986

[For flecal years ending in year shown; see text, section 9, includes Puerto Rico, Guarn, Virgin Islands, American Samos, Northern Mariana Islands and Trust Territory of the Pacific Islands. Vocational rehabilitation of the deabled defined as restoration, preservation, or development of the ability to function in productive activity. Rehabilitation services provided by State vocational rehabilitation agencies with matching State and Federal funds include medical restoration, training, counseling, guidance, and placement services. See also Historical Statistics, Colonial Times to 1970, series H 392–397]

ITEM	Unit	1970	1975	1980	1981	1982	1983	1984	1985	1986
Federal and State expenditures  Federal expenditures Applicants processed for program eligibility Percent accepted into program. Total persons rehabilitated  Rehabilitation rate  Severely disabled persons rehabilitated  Rehabilitation rate	Mil. dol	558 432 608 68 267.0 77 (NA)	867 673 837 64 324.0 70 115.7	1,076 817 717 58 277.1 64 142.5	1,118 850 681 55 255.9 62 138.4	1,167 858 594 56 226.9 61 129.9 59	1,254 937 602 58 216.2 62 124.2	1,366 1,038 594 59 225.8 63 132.7	1,452 1,100 594 60 227.7 64 135.2 62	1,506 1,144 594 58 223,4 64 135,3
Percent of total persons rehabilitated  Persons served total *  Persons served, severely disabled * *  Percent of total persons served.	Percent	(NA) 876 (NA) (NA)	(NA) 36 1,244 (NA) (NA)	51 1,095 606 55	1,038	57 959 572 60	57 939 562 60	58 936 565 60	59 932 581 62	61 924 580 63

NA Not available. 

Includes expenditures only under the basic support provisions of the Rehabilitation Act.

Persons successfully placed into gainful employment.

Persons rehabilitated as a percent of all active case closures (whether rehabilitated or not).

Severely deabled individuals tall into any of the following times categories: (a) offerts with specified major disability conditions such as blindness and deatness; (b) clients who at any time in the vocation process had been Social Security deablity beneficiaries or recipients of Supplemental Security Income; and (a) other individuals with substantial loss in conducting certain specified activities.

Includes active cases social activities.

Source: U.S. Dept. of Education, Rehabilitation Services Administration, Caseload Statistics of State Vocational Rehabilitation Agencies in Flaces Years, and State Vocational Rehabilitation Agency Program Data in Flaces Years, both services.

### NO. 583. PUBLIC AID—RECIPIENTS OF AND AVERAGE MONTHLY CASH PAYMENTS UNDER SUPPLEMENTAL SECURITY INCOME AND PUBLIC ASSISTANCE: 1970 TO 1986

In theseands, except as indicated. As of December, except as noted. Public assistance date for all years include Puerto Rico, Guarn, and Virgin Islands. SSI: Supplemental security income. SSI date are for federally administered payments only; see text, p. 332. Excludes vendor payments for medical care (i.e., payments made directly to suppliers of medical care). Beginning 1974, Federal SSI program replaced Federal grants for aid to the aged, blind, and deabled in the 50 States and DC; such grants continued for Puerto Rico, Guarn, and Virgin Islands. Residents of Northern Martens Islands became eligible for SSI in 1978. See also Appendix III and Historical Statistics, Colonial Times to 1970, series H 355-357]

PROGRAM	1970	1975	1975	1970	1980	1981	1982	1982	1984	1995	1905
Recipients of payments: SSI, total <sup>1</sup>	∞)	4,314	4,217	4,150	4,142	4,019	3,858	3,901	4,029	4,138	4,2 <del>6</del> 8
Social Security Male Female	888	52.7 1,532 2,770	51.7 1,454 2,757	51.4 1,423 2,722	51.0 1,423 2,715	50.2 1,380 2,635	49.4 1,321 2,534	49.5 1,346 2,552	49.6 1,403 2,624	49.4 1,457 2,681	48.9 1,524 2,745
White Black	88	2,755 1,120	2,733 1,153	2,864 1,141	2,636 1,138	2,517 1,105	2,335 1,043	2,275 1,026	2,255 1,032	2,255 1,047	2,206 1,076
Aged	888	2,307 74 1,933	1,988 77 2,172	1,872 77 2,201	1,606 78 2,256	1,678 79 2,262	1,549 77 2,231	1,515 79 2,307	1,530 81 2,419	1,504 82 2,551	1,473 63 2,713
Old-age assistance **	80	18 (Z)	19 (Z)	19 (Z)	19 (Z)	19 (z)	19 (Z)	18 (Z)	18 (z)	18 (Z)	17 (2)
disabled *	877	17	19	20	21	22	22	22	23	23	24
Families	9,650	3,568 11,404 8,106 692	3,489 10,349 7,226 620	3,560 10,379 7,207 606	3,843 11,101 7,599 796	3,633 10,613 7,125 661	3,596 10,504 6,972 1,019	3,721 10,865 7,130 1,066	3,674 10,740 7,114 1,060	3,721 10,924 7,247 1,051	3,777 11,065 7,374 986
Average monthly payments (dol.):  SSI, total	8888	114 91 147 141	130 100 184 155	158 123 212 182	168 128 213 196	183 138 228 214	196 146 242 229	212 158 256 245	219 158 265 256	226 184 274 281	244 174 287 282
Old-age assistance *	75 102	21 15	22 19	42 39	38 38	41 43	38 37	38 38	38 37	38 39	(144)
Aid to permanently, totally disabled *	96	15	17	38	35	40	37	37	37	38	(NA)
AFDC: 6 Families Recipients	190 50	229 72	256 66	271 93	266 100	302 103	310 106	321 110	335 115	341 118	358 122
General assistance cases	112	144	157	157	161	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. X Not applicable. Z Fewer than 500. ¹ Includes items not shown separately. ² Average monthly recipients and payments for the year. ² Aid to Families with Dependent Children program. ⁴ Includes the children and one or both perents, or one caretaker relative other than a parent, in families where the needs of such adults were considered in determining the amount of sesistance.

#### No. 589. PUBLIC AID PAYMENTS: 1970 TO 1986

[In millions of dollars. See headnote, table 588. Supplemental Security Income data cover federally- and State-administered payments. See also Appendix III and Historical Statistics, Colonial Times to 1970, series H 346-354]

PROGRAM	1979	1975	1975	1970	1980	1961	1962	1902	1984	1005	1005
Payments, total 1	8,443	16,313	18,577	19,477	21,994	21,716	21,979	23,306	25,035	26,431	(NA)
Supplemental Security Income		5,876 2,805 131 3,142	6,552 2,433 152 3,986	7,075 2,526 168 4,381	7,941 2,734 190 5,014	8,593 2,818 206 5,566	8,981 2,824 217 5,909	9,404 2,814 229 6,357	10,371 2,973 249 7,143	11,080 3,035 264 7,755	12,081 3,066 277 8,700
Public seletance 1 Old-age seletance Bind Permanently, totally disabled Pamilies with dependent children Emergency seletance General seletance	1,862 96 1,000 4,863	10,434 5 (z) 3 9,211 78 1,138	12,024 5 (z) 4 10,729 81 1,206	12,402 9 (z) 9 11,069 84 1,231	14,048 9 (z) 9 12,475 113 1,442	13,123 9 (z) 10 12,961 123 (NA)	12,986 8 (z) 10 12,878 102 (NA)	13,961 8 (Z) 10 13,838 125 (NA)	14,664 8 (Z) 10 14,506 141 (NA)	15,371 8 (z) 10 15,196 157 (NA)	EEEEE

NA Not available. X Not applicable. Z Less than \$500,000. <sup>1</sup> Beginning 1961, excludes general assistance payments. <sup>2</sup> Includes data not available by reason for eligibility.

In determining the amount of sesistance.

Source: U.S. Social Security Administration, Annual Statistical Supplement to the Social Security Bulletin; Social Security Bulletin; monthly: and Public Assistance Statistics, monthly.

Source: U.S. Social Security Administration, Public Assistance Statistics, monthly and unpublished data.

# No. 590. Aid to Families With Dependent Children (AFDC) and Supplemental Security Income (SSI)—Recipients and Payments, States and Other Areas: 1980 to 986

[Recipients as of December, except as noted. Data for SSI cover Federal SSI payments and/or federally-administered State
supplementation, except as noted. For explanation of methodology, see Appendix III]

			AF	DC				- 1	SSI			IC AID
DIVISION AND	P	Recipients (1,000)		Payme year (m		Aver- age month-	Recip (1,0	pients 000)		ts for year dol.)	AS PE	RCENT OF ULA-
STATE OR OTHER AREA	1980	1985	1986	1980	1985	pay- ment per family, 1985	1980	1986	1980	1986	1980	198
Total	11,101	10,924	11,065	12,475	15,196	\$342	a 4,142	<sup>3</sup> 4,269	4 7,715	11,741	(x)	(x
U.S. N. Eng. ME. ME. ME. MH. VT. MA. RI. CT. MI.d. Att. NY NJ. PA. E. No. Cent. OH. II. III. III. III. III. III. III.	58 24 24 348 54 140 2,216	10,738 493 588 13 222 236 441 119 2,043 1,101 3602 2,538 672 163 733 297 622 157 128 128 128 128 128 128 128 128 128 128	10,875 480 586 111 222 235 431 11,979 1,349 567 567 563 290 658 180 202 202 144 188 188 151 173 1,362 202 148 246 266 647 177 139 179 179 179 179 179 179 179 179 179 17	12,409 910 60 27 32 510 722 209 2,954 1,623 1,623 1,623 366 761 12,838 561 11 139 1,063 366 199 1,063 366 199 1,063 366 199 1,063 366 199 1,063 366 199 1,063 366 199 1,063 199 1,063 199 1,063 199 1,063 199 1,063 199 1,063 199 1,063 199 1,063 199 1,063 199 1,063 199 1,063 199 1,063 199 1,063 199 1,063 199 1,063 199 1,063 199 1,063 199 1,063 199 1,063 199 1,063 199 1,063 199 1,063 199 1,063 199 1,063 199 1,063 199 1,063 199 1,063 199 1,063 199 1,063 199 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 1,063 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814 818 831 8197 8193 8194 8197 8193 8194 8197 8197 8193 8194 8197 8197 8197 8197 8197 8197 8197 8197	6.55 6.94 7.30 6.43 7.22 7.66 6.83 7.24 6.66 6.37 7.20 6.15 4.26 3.27 6.86 6.15 1.46 6.91 7.22 8.33 8.11 1.52 7.64 8.11 1.52 7.64 8.11 1.52 7.64 8.11 8.11 8.12 8.13 8.14 8.14 8.15 8.15 8.15 8.15 8.15 8.15 8.15 8.15	5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.

NA Not available. X Not applicable. See footnote 4, table 588. Data compiled by U.S. Bureau of the Census. Total recipients as of June of AFDC and of Federal SSI as percent of resident population. For population figures used, see table 21. SSI totals include small number of recipients whose residence was "unknown." 1980 figures include payments to indochina refugees (total, \$23.6 million) which were not available by State. In addition, for all years, totals were reduced to reflect returned checks and overpayment refunds. Data for persons with Federal SSI payments only; State has State-administered supplementation. Data for persons with Federal SSI payments only; State supplementary payments not made.

Source: U.S. Social Security Administration, Social Security Bulletin, monthly, Annual Statistical Supplement to the Social Security Rulletin and Author Assistance Statistics, monthly.

#### No. 591. FEDERAL FOOD PROGRAMS: 1970 TO 1986

For flecal years ending in year shown; see text, section 9. Program data include Puerto Rico, Virgin Islands, Guam, American Samoa, and the Trust Territory when a Federal food program was operated in these areas. All participation data are average monthly figures except as noted. Participants are not reported for the special mile program, the runtiflon program for the elderly, and the commodity distribution programs. Cost data are direct Federal benefits to recipients; they exclude Federal administrative payments and applicable State and local contributions. Federal costs for commodities and cash-in-lieu of commodities are shown esparately from direct cash benefits for these programs receiving both]

PROGRAM	Unit	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
Food Stamp:	J-2011	10	LJ.		177		1	=	-	100	11.7
Participants	Million.	4.3	17.1	17.7	21.1	22.4	21.7	21.6	20.9	19.9	19.4
Federal cost	. Mil. dol	550	4,386	6,480	8,721	10,630	10,208	11,152	10,696	10,744	10,605
Nutrition assistance program for Puerto Rico: 1	1	11		3	-		1,000	1	7.00	0.0	
Federal cost	Mil. dol	(x)	(x)	(x)	(x)	(x)	207	825	825	825	820
National school lunch program (NSLP): 2										150	
Free lunches served	. Million	739	1.638	1,623	1.671	1.737	1,622	1.714	1.702	1,656	1.678
Reduced-price lunches served	Million	(NA)	(NA)	278	308	312	262	253	248	254	257
Children participating 3	. Million	22.4	24.9	27.0	26.6	25.8	22.9	23.0	23.4	23.6	23.7
Federal cost	Mil. dol	300	1,289	1,984	2,279	2,381	2,185	2,402	2,508	2,579	2.714
School breakfast (SB):	The second	000	1,200	1,00		2,00	-	-,	-1000		
Children participating 3	Million	.5	1.8	3.3	3.6	3.8	3.3	3.4	3.4	3.4	3.5
Federal cost	Mil. dol		86	231	288	332	317	344	364	380	406
Special school milk:	Will. GOT.		- 00		200	OUL	911	2.11		000	100
Quantity reimbursed	Mil. 1/2 pt	2 902	2.139	1.821	1.796	1.534	202	189	174	167	162
Federal cost	Mil. dol		123	134	145	101	18	17	17	16	15
Women-infant-children: *	Will. UQI	101	120	134	140	101	10	11	1,0	10	, ,
Participants	Million	(x)	.5	1.6	2.0	2.2	2.3	2.6	3.2	3.3	3.5
Federal cost	Mil. dol	60	94	444	603	729	785	937	1,156	1,235	1,304
Child care feeding (CC): b	- Mil. GOI	(2)	34	444	003	150	100	937	1,130	1,200	1,004
Children participating 6	Million	.1		.6	.7	.8	.9	.9	.9	1.0	1.1
Federal cost	Mil. dol		46	164	210	293	268	304	347	390	427
Summer feeding (SF): 7	Mil. GOI		40	104	210	293	200	304	347	390	421
Children participating "	Million	.2	1.8	2.1	1.9	1.9	1.4	1.4	1.4	1.5	1.5
Children participating "	Mil. dol	2	50	106	106	101	81	95	101	101	106
Federal cost	. Mil. dol	- 2	50	100	100	101	01	85	101	101	100
Needy family commodity:	ANTHON	3.8						1 1			1 .
Participants	. Million		39	18	24	29	33	35	40	49	47
Federal cost	Mil. dol	202	39	18	24	58	33	35	40	49	9.
Nutrition program for the elderly:	APPER	6.0		100	100	404	400	204	242	225	228
Meals served		(x)	11	154	166	184	189	120	213		137
Federal cost	Mil. dol	(x)	2	58	/5	94	101	120	127	127	13/
Federal cost of commodities donated to: * Child nutrition (NSLP, CC, SF and											
SB)	Mil. dol	265	431	760	930	922	795	799	853	830	867
Charitable institutions, summer	Ter. 4.4	- 00			44	70	444	100	100	470	044
camps	. Mil. dol		20	54	71	78	111	151	190	170	240
Emergency feeding 10	. Mil. dol	(x)	(x)	(x)	(x)	(x)	180	1,002	1,032	973	846

NA Not available. X Not applicable. ¹ Puerto Rico was included in the Food Stamp Program until June 30, 1982. ² See headnote, table 593. ² Nine month (September through May) sverage daily meals (funches or breekfasts) served divided by the ratio of average daily attendance to enrollment. ² Covers special supplemental food program. ² Program provides yeser-round subsidies to feed preschool children in child care centers and tamily dey care homes. ⁴ Annual average daily attendance at participating institutions. ² Program provides free meals to children in poor areas during summer months. ² Peak month (July) average daily attendance at participating institutions. ² includes the Federal cost of commodity entitlements, cash-in-lieu of commodities, and bonus foods. ¹² Provides free commodities to needy persons for home consumption through food banks, hunger centers, soup kitchens, and similar non-profit agencies.

Source: U.S. Dept. of Agriculture, Food and Nutrition Service. In Agricultural Statistics, annual; and unpublished data.

NO. 592. FEDERAL FOOD STAMP PROGRAM: 1970 TO 1986

[Except as noted, for flecal year ending in year shown; see text, section 9. Beginning 1975, includes Puerto Rico (through June 30, 1982), Guam, and Virgin Islands]

YEAR	Participants 1 (1,000)	Average monthly partici- pation (1,000)	Federal govt. contri- butions, total (mil. dol.)	YEAR	Participants 1 (1,000)	Average monthly partici- pation (1,000)	Federal govt. contri- butions, total (mil. dol.)
1970	12,107 13,524 19,197 17,982 16,134	4,340 9,368 11,109 12,166 12,862 17,084 18,549 17,077 16,000	550 1,523 1,797 2,131 2,718 4,386 5,327 5,087 5,139	1979 1980 1981 1982 1983 1983 1984 1995	20,051 21,087 19,765 19,198	17,652 21,087 22,431 21,717 21,625 20,854 19,899 19,428	6,480 8,721 10,630 10,208 11,152 10,696 10,744 10,605

<sup>1</sup> As of end of fiscal year.

Source: U.S. Dept. of Agriculture, Food and Nutrition Service. In Agricultural Statistics, annual.

#### No. 593. Federal Food Stamp and National School Lunch Programs—States and Other Areas: 1980 and 1986

[Cost date for fiscal year ending in year shown. Food stamp participants, as of and of fiscal year. For explanation of fiscal year, see text, section 9. Data on pupils participating in National School Lunch Program are for month in which most pupils participated nationwise. For National School Lunch Program, covers public and private elementary and secondary schools and residential child care institutions. National School Lunch Program costs include Federal cash reimbursements at rates set by law for each meal served but do not include the value of USDA donated commodities utilized in this program. For composition of regions, see fig. I, inside front cover]

		PROGRAM			ONAL SCH				OD STAN			NAL SCH	
REGION, DIVISION, AND STATE		sons 000)	Cost (mil. dol.)		sons 000)	Cost (mil. dol.)	DIVISION AND STATE	Pers (1,0		Cost (mil. dol.)	Pers (1,0		Cost (mil. dol.)
	1980	1986	1986	1980	1986	1986		1980	1986	1986	1980	1986	1986
Total 1		19,071	10,605	27,011	24,263	2,714	So. Att.—						
U.S	20,115	19,025	10,567	26,384	23,622	2,599	Con.				-		1 .
Region:	15.00		7	The second	17.50		DC	104	65	37	57	49	9
Northeast		3,721	2,057	4,969	4,030	448	VA	412	331	161	717	617	53
Midwest		4,925	2,874	6,767	5,786	540	WV	216	267	156	245	216	2/
South	8,396	7,347	4,157	10,464	9,808	1,108	NC	592	424	226	887	810	84
West	3,000	3,033	1,479	4,184	3,998	502	SC	444	309	179	489	477	56
N. Eng	945	662	335	1,366	1,008	92	GA	658	492	270	894	1.004	91
ME	139	104	57	146	113	12	FL	997	601	362	1,055		119
NH	53	21	12	101	84	6	E. So. Cent	2,283	1,994	1,140	2,252	2,120	251
VT	46	34	18	59	46	4	KY	485	518	320	567	511	56
MA	446	315	158	703	483	42	TN	674	501	278	648	607	62
RI		63	33	69	58	7	AL	606	481	278	607	585	71
CT		124	55	288	224	21	MS	518	495	263	430	417	63
Mid. Atl	3,434	3.059	1,722	3,603	3,022	356	W. So. Cent	2,302	2,573	1,419	3,366 356	3,222	377
NY	1,804	1,673	935	1,593	1,487	202	AR	301	231	121	767	728	36
NJ	600	392	240	679	534	59	LA	584	700	390		369	36
PA	1 000	994	547	1,331	1,002	95	OK	214	268	139 769	1.835	1,826	219
E. No. Cent.	3,382	3,813	2,288	4,401	3,724	372	_TX	1,203	1,374				
OH		1,111	702	1,156	1,018	100	Mt.	818	796	450	1,352	1,313	127
IN		349	223	717	618	44	MT	45	58	32 35	104	122	
14		1,092	707	1,129	923	117	ID	65	56 28	16	120	71	11
MI		900	505	866	721	74	WY	173	184	102	51 299	288	200
WI		360	151	533	443	38	CO	191	152	88	174	173	25
W. No. Cent.	958	1,111	585	2,366	2,063	167	NM	227	203	112	291	274	32
MN		230	108	558	469	34	1.00	65	80	42	233	245	18
IA	156	205	110	439	388	28		37	35	23	80	55	1 '3
МО	364	374	208	664	539	51	Pac	2,182	2,237	1.030	2.832	2.684	375
ND		35	18	93	93	7		260	295	148	354	328	3/1
SD	1	53	29	101	98	10	WA	213	215	141	277	233	30
NE	1.0	95	48	203	187	15	OR	1.571	1.611	627	2,006	1.936	35 23 296
	104	119	65	308	288	22	CA	32	27	24	33	39	200
So. Atl		2,780	1,598	4.846	4,467	480	AK	106	89	90	162	148	15
	53	31	1,598	68	54	480	Н	100	98	90	102	140	1 1 75
MD		261	170	434	342	34							
MU	335	201	1/0	434	342	34							1

I Includes Puerto Rico, other outlying areas and Dept. of Defense overseas. After July 1, 1982 Puerto Rico was dropped from Food Stamp program and transferred to a nutrition assistance program.

### No. 594. Adoptions by Relationship of Petitioner, 1960 to 1982, and Foreign Adoptions, 1975 to 1986

[Data on foreign adoptions for flacest year ending in year shown; see text, section 9. Estimated. Data on total adoptions for 1980–1975 are generally based on material shown by Penelogie Maza in "Adoption Trends: 1944–1975", Child Welfare Research Notes #9, lesued by the U.S. Dept. of Health and Human Services, Administration for Children, Youth and Families. Data on total adoptions for 1982 are based on date collected by the source from various State health, welfare, adoption, and statistical offices. Data on foreign adoptions are based on completions by the source of data supplied by the U.S. Immigration and Naturalization Service. For further comments, see source)

		<b>,</b>	TOTAL A	DOPTIONS				FORE	
YEAR		Relat- ed	Unre	leted petti ency mek	oners by i	type of nent	YEAR AND COUNTRY OF ORIGIN OF ADOPTEE		Per-
	Total	peti- tioners	Total	Public agency	Private agency	Inde- pendent		Num- ber	cent detri- bution
Number: 1980. 1985. 1970. 1975. 1982.  Percent distribution: 1980. 1977. 1977. 1977.	142,000 175,000 129,000	48.200 65,300 65,300 81,380 91,141 48.0 48.0 63.0 64.2	57,800 78,700 89,200 47,700 50,720 54.0 51.0 57.0 35.8	13,380 20,700 29,800 18,600 19,428 12,4 14,6 16,9 14,4 13,7	20,800 32,200 40,100 18,100 14,549 19,4 22,7 22,9 14,0 10,3	23,700 23,800 19,600 11,000 18,743 22.1 18.8 11.2 8.5 11.8	1975	5,633 5,139 4,968 5,749 7,127 8,327 9,266 9,945 8,108 634 965 550 317	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 60.2 6.4 5.9 8.5

<sup>&#</sup>x27; Includes other countries, not shown separately.

Source: U.S. Dept. of Agriculture, Food and Nutrition Service. In Agricultural Statistics, annual and unpublished data.

Source: Mestional Committee for Adoption, Inc., Washington, DC, Adoption Feotbook, 1985, (copyright) and unpublished team.

### No. 595. ORPHANS, BY TYPE: 1960 TO 1986

(As of July, Includes Puerto Rico and Virgin Islands; beginning 1970, also includes American Samoa and Guam. Covers children under age 18 who have been orphaned at any time. Paternal orphan refers to loss of father only, maternal orphan to loss of mother only, full orphan to loss of both perents. Percent of child population beest Security Administration estimates of number of children under 18, as of July 1. Data not exactly comparable for all years because of changes in methodology!

WEAR.		NUMBER	(1,000)		PER	CENT OF CHI	LD POPULATI	ON
YEAR	Total	Paternal	Maternal	Full	Total	Paternal	Maternal	Full
960	3,509	2,446	981	82	5.1	3.6	1.4	
970	3,745	2,635 2,520	1,033	76 71	5.1	3.6	1.4	3
980	2,889	2,077	760	52	4.4	3.1	1.1	15
1981	2,760	1,991	721 682	47 43	4.2	3.0	1.1	10
983	2,498	1,812	648	39	3.8	2.8	1.0	1
1984 1985	2,406	1,750	621	35 33	3.7	2.7	1.0	1
1986	2,330	1,699 1,659	599 578	33	3.6	2.6 2.5	9	6

Z Lees than .05 percent.

Source: U.S. Social Security Administration, unpublished data.

# No. 586. CHILD CARE ARRANGEMENTS OF CHILDREN UNDER 15 OF EMPLOYED MOTHERS, BY AGE OF CHILD AND EMPLOYMENT STATUS OF MOTHER: 1984-1985

(in thousands, except percent. As of winter 1984-1985, Data were obtained for the three youngest children under 15 years old (including any adopted or stepchildren in their care) in the household. This represents approximately 90 percent of all children under 15 years old of working women. Based on the Survey of Income and Program Participation; see text, section 14]

	CHILDRE	N UNDER 1	5 YEARS		CHIL	DREN UN	DER 5 YE	AR8		~
USUAL WEEKLY CHILD CARE ARRANGEMENT	Total	Mot empl		Tabal	Mo		Under	1 and	3 and	chil- dren 5-14
_	I COM	Full time 1	Part time	Total	Full time 1	Part time	year	years	years	years, total
Total	26,455	10,812	9,643	8,168	5,900	3,106	1,306	3,267	3,516	18,287
Care in child's home  By father  By grandparent  By other relative  By nonrelative	2,496 712 804	2,480 1,133 423 539 385	2,219 1,363 269 265 302	2,534 1,282 487 306 479	1,235 542 259 183 251	1,300 740 209 123 228	516 252 102 44 118	1,086 528 206 147 185	950 502 157 114 115	2,164 1,214 244 496 208
Care in another home	1,138 467	2,675 743 285 1,647	1,126 395 182 549	3,020 833 368 1,819	2,135 533 212 1,390	884 300 155 429	563 174 70 319	1,368 361 130 877	1,089 298 167 624	782 305 100 377
Organized child care facilities	1,440	1,830 1,067 763	581 373 206	1,868 1,142 746	1,415 835 580	473 307 166	195 116 79	563 401 162	1,131 625 508	523 296 225
Kindergarten/grade school Child cares for self	488	8,976 354 497	4,839 134 748	61 (x) 663	21 (x) 252	41 (x) 412	(x) (x) 112	(x) (x) 267	61 (x) 285	13,753 488 561
PERCENT DISTRIBUTION	ĺ									
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Care in child's home	9.4 2.7 3.0	14.8 6.7 2.5 3.2 2.3	23.0 14.1 3.0 2.7 3.1	31.0 15.7 5.7 3.7 5.9	24.4 10.7 5.1 3.6 5.0	41.8 23.8 6.7 4.0 7.3	37.3 18.2 7.4 3.2 8.5	32.7 16.2 6.4 4.5 5.7	27.0 14.3 4.5 3.3 5.0	11.8 6.6 1.3 2.7 1.1
Care in another home	4.3 1.8	15.9 4.4 1.7 9.8	11.7 4.1 1.9 5.7	37.0 10.2 4.5 22.3	42.2 10.5 4.2 27.5	28.4 9.7 5.0 13.8	40.6 12.6 5.1 23.0	41.9 11.0 4.0 26.8	31.0 8.5 4.7 17.7	4.3 1.7 .5 2.1
Organized child care facilities	5.4	10.8 6.3 4.5	6.1 3.9 2.2	23.1 14.0 9.1	28.0 16.5 11.5	15.2 9.9 5.3	14.1 8.4 5.7	17.2 12.3 5.0	32.2 17.8 14.4	2.8 1.6 1.2
Kindergarten/grade school	1.8	53.4 2.1 3.0	50.2 1.4 7.8	.8 (x) 8.1	.4 (x) 5.0	1.3 (x) 13.3	(x) (x) 8.1	(x) (x) 8.2	1.7 (x) 8.1	75.2 2.7 3.2

X. Not applicable. 

<sup>1</sup> Full-time jobs comprise 35 hours or more per week. 

<sup>2</sup> Includes women working at home or away rom home.

Source: U.S. Bureau of the Census, Current Population Reports, series P-70, No. 9.

#### No. 597, CHILD SUPPORT AND ALMONY—SELECTED CHARACTERISTICS OF WOMEN: 1985

[Women as of spring 1985. Covers civilian noninstitutional population. Child support data are for women with own children under 21 years of age present from absent tailners. Allmony data are for ever-divorced and currently separated women. Based on Current Population Survey; see text, section 1 and Appendix III. For definition of mean, see Suide to Tabular Presentation;

			CURR	ENT MAR	RITAL ST	ATUS		RACE			AGE	
RECIPIENCY STATUS OF WOMEN	Unit	Total 1	Divor- ced	Mar- ried <sup>2</sup>	Sin- gle <sup>3</sup>	Sepa- rated	White	Black	His- panic *	18 to 29 years	30 to 39 years	40 years and over
CHILD SUPPORT	-			1							116	
All women, total	1,000	8,808	3.045	2,322	2,009	1,363	6,341	2,310	813	2.887	3,614	2,307
Payments awarded 5		5,396	2,492	1,904	370	587	4,476	839	342	1,288	2.547	1.56
Percent of total	Percent	61.3	81.8	82.0	18.4	43.1	70.6	36.3	42.1	44.6	70.5	67.
Due child support payment in	, modili in	01.0	00	UE.U	10.4	40.1	70.0	00.0	700	44.0	1,00	1000
1985	1,000	4,381	2,179	1,416	303	453	3,651	657	282	1,089	2.182	1,110
Received payment	1,000		1.637	970	231	382	2.722	473	192	777	1,605	86
Percent of due	Percent		75.1	68.5	76.2	84.3	74.6	72.0	68.1	71.3	73.6	77.8
Did not receive payment			541	447	72	71	929	184	90	312	578	245
Payments not awarded	1,000		553	418	1,639	776	1,865	1,471	471	1.599	1,066	746
Mean money income:	1,000	3,411	203	410	1,039	//6	1,000	1,4/1	4/1	1,599	1,000	/40
Women received payments	Dollars	44 770	10 770	10510	0.075	10010		12 227	44 505	10 000		
			16,778				15,052					
Mean child support	Dollars	2,215	2,538	1,966	1,147	2,082	2,294	1,754	2,011	1,467	2,397	2,552
Women did not receive					144							
payments	Dollars	10,837	12,580	9,621	(B)		10,854		9,430		11,553	
Women not awarded payments	Dollars	7,998	11,375	8,495	6,247	9,065	8,746	6,969	6,308	5,323	10,068	10,770
Women with incomes below the poverty	0											
level in 1985, total	1,000		795	180	1,159	646	1,569	1,190	414	1,419	920	458
Payments awarded 5	1,000		572	121	207	221	787	322	100	469	485	176
Received payments in 1985 Mean income from child	14991 0000	255	301	50	123	116	411	174	43	241	258	96
support	Dollars		1,522	(B)	900	1,503	1,463	1,085	(B)	963	1,674	1,64
Did not receive payment	1,000	310	198	31	40	41	221	83	31	128	147	35
Payments not awarded	1,000	1,668	223	59	952	425	782	868	314	951	435	282
ALIMONY				1		1		100	1.50	6.0	67	100
All women, total	1,000	19 156	8,000	7.361	(x)	2.610	16.039	2,766	1.196	2.817	5.678	10.662
Payments awarded 5	1,000		1,368	1,015	120	261	2,539	220	132	216	618	1.966
Received payments in 1985	1,000		443	52	100	120	559	44	29	62	195	358
Mean income from alimony	Dollars	3.733	3,975	(B)	100	3.083	3,858	(8)	(B)	(B)	3,200	4.365
Did not receive payment		225	161	37	200	26	193	25	13	45	75	100
Payments not awarded			6,632	6,346	SSSSSS		13,500	2.546	1,064	2,601	5,060	8.693
Women with incomes	1,000	10,354	0,032	0,340	(x)	2,346	13,500	2,040	1,004	2,001	5,000	6,680
below the poverty level								1			3.2.	
in 1985, total			1,800	524	(x)	1,082		973	410	851	1,090	1,77
Payments awarded			247	55	888	93	378	49	35	86	111	23
Percent of total	Percent	11.7	13.7	10.5	(x)	8.6	14.2	5.0	8.5	10.1	10.2	13.4

B Base loss than 75,000. X Not applicable. Includes other items, not shown separately. \*Remarked women whose previous marriage ended in divorce. \*Never-marriad women. \*Hispanic women may be of any race. \*Includes women who were not supposed to receive payments in 1985, not shown separately.

Source: U.S. Bureau of the Census, Current Population Reports, series P-23, No. 152.

# NO. 596. COMMUNITY SERVICES USED BY PERSONS 65 YEARS OLD AND OVER, BY AGE GROUP AND LIVING ARRANGEMENT: 1984

[In percent, escept as Indicated, Covers persons 65 years old and over who were living in communities outside of nursing homes or other institutions (civilian noninstitutionsalized population). Based on a supplement to the National Health Interview Survey; see Appendix III. See also tables 41, 42, 174, and (75)

	Per-		AGE (	ROUP		LIVII	<b>16</b> —
TYPE OF COMMUNITY SERVICE	sons 65 years old and over	65-74 years old	75 years old and over	75-84 years old	65 years old and over	Alone	With others
Total (1,000)	26,433	16,200	10,145	8,240	1,937	8,307	10,030
Percent used— Senior center	15.2 4.5 3.6 8.5	14.5 3.2 2.1 7.7	16.3 6.4 5.9 9.9	17.0 6.5 5.4 10.1	13.5 6.1 8.3 6.8	21.3 9.1 4.0 12.9	12.3 2.3 3.3 8.5

Source: U.S. National Center for Health Statistics, unpublished data from Supplement on Aging to 1984 National Health Interview Survey.

### No. 599. PERCENT OF ADULT POPULATION DOING VOLUNTEER WORK: 1981 AND 1985

Covers persons 14 years old and over. Volunteers are persons who worked in some way to help others for no monetary pay during the previous year. Data for 1961 were collected in March 1961, and 1965 data were collected in October 1965 as part of Gallup Poll. Based on a sample and subject to sampling variability, see source. NA Not available)

AGE AND SEX	1981	1985	EDUCATIONAL ATTAINMENT AND HOUSEHOLD INCOME	1981	1985	TYPE OF ACTIVITY	1981	1985
Total	52	48	Grade school	26 31 54 65	29	Percent of volunteers		
		35	High school, 1-3 yrs	31	38	involved in-		
14-17 years old	53	52	High school, 4 yrs	54	46	Religious organizations	37	48
18-24 years old	53 54	43	College, 1-3 yrs	65	61	Education	23	27
25-34 years old	1	1 53	College, 4 yrs. or more	75	65	Recreation	13	21
35-49 years old	55	1 54				Health	23	19
50-64 years old		44	Under \$10,000	36	40	Civil, social, fraternal	7.7	
65-74 years old	1	1 43	\$10,000-\$19,999	49	42	organizations	12	17
75 years old and over	37	1 26	\$20,000-\$39,999	64	52	Social services.		
o yours old and over	,	1 20	\$20,000-\$29,999	(NA)	44	welfare	10	15
Male	47	45	\$30,000-\$39,999		64	Community action	10	100
Female	47 56	51	\$40,000 and over	(NA) 62	60	Political organizations	12	
ernare	50	91	340,000 and over	02	90		44	
						Informal, alone	12	40 23
						General fund-raisers	12	23

Source: Independent Sector, Washington, DC, Americans Volunteer 1985, April 1986. (Copyright.)

### No. 600. PRIVATE PHILANTHROPY FUNDS, BY SOURCE AND ALLOCATION: 1970 TO 1986

(in billions of dollars. Estimates for sources of funds based largely on reports of the U.S. Internal Revenue Service for Itamized deductions, corporate profits, and bequests. Data adjusted for nonliterated IRS deductions and after comparison with levels of gross national product, personal income, population, and publicly reported large bequests. For bases of allocation of funds, see source. See Philiotrical Statistics, Colonial Times to 1970, series H 395—411, for similar but not comparable data)

SOURCE AND ALLOCATION	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Total funds	21.0	28.6	32.1	36.3	39.0	43.7	48.7	55.5	60.0	65.0	73.3	79.8	87.2
Individuals	16.2	23.5	26.3	29.6	32.1	36.6	40.7	46.4	48.5	53.5	60.7	66.1	71.7
Foundations	1.9	1.7	1.9	2.0	2.2	2.4	2.8	3.1	3.2	3.6	4.0	4.3	5.2
Corporations	.8	1.2	1.5	1.8	2.1	2.3	2.4	2.5	2.9	3.3	3.8	4.3	4.5
Charitable bequests	2.1	2.2	2.4	3.0	2.6	2.2	2.9	3.5	5.5	4.5	4.9	5.2	5.8
Allocation:		-				-		2.0		1,0	100		
Religion	9.3	12.8	14.2	17.0	18.4	20.2	22.2	25.1	28.1	31.6	35.4	37.7	40.9
Health	3.4	4.2	4.8	5.0	5.4	6.1	6.7	7.7	8.4	9.2	10.3	11.3	12.3
Education	3.3	3.8	4.4	4.8	5.5	6.0	6.9	7.8	8.4	9.0	10.0	11.1	12.7
Human service	2.9	2.9	3.0	3.6	3.9	4.5	4.9	5.6	6.3	6.9	7.9	8.6	9.1
Arts, culture and humanities		1.6	2.3	2.3	2.4	2.7		3.7	5.0	4.0	4.5	5.1	5.8
							3.2						
Public/society benefit	.5	.8	1.0	1.2	1.1	1.2	1.5	1.8	1.7	1.6	1.9	2.2	2.4
Other	.9	2.6	2.4	2.5	2.4	3,0	3.5	3.9	2.2	2.7	3.3	3,9	4.0

Source: AAFRC Trust for Philanthropy, New York, NY, Giving USA, annual. (Copyright.)

### No. 601, CHARITABLE CONTRIBUTIONS—SIZE OF CONTRIBUTIONS BY SELECTED CHARACTERISTICS OF POPULATION: 1984

[Covers population 18 years old and over. Data exclude these respondents who (1) reported giving, but did not report a specific amount; (2) did not respont at all; and (3) reported "not sure or no answer" to particular questions. Based on a sample survey of 1,151 persons and subject to sampling variability; for details, see source]

			М	EAN CON	TRIBUTIO	N			T DISTRIBL	
	Aver-		Amount		As per	cent of it	ncome		CONTINE	
AGE, MARITAL STATUS, AND HOUSEHOLD INCOME	age income	Total	Refi- gious cher- ities	Other cherities	Total	Reli- gious cher- ities	Other cherities	then .5 per- cent of income	1-2 per- cent of income	3 or more per- cent o income
Total	827.300	3650	8470	\$180	2.4	1.7	.7	31	43	24
18-30 years old	23,300	380 500	290 350	80 150	1.6 1.7	1.2	.3	} 41	40	11
35-49 years old	. 35.400	910 880	660 570	260 300	2.6 3.0	1.9 2.0	1.0	} 24	45	3
65 years old and over	14,900	400	340	70	2.7	2.3	.5	31	44	2
Single	. 22,900	310	190	120	1.4	.8	.5	47	37	1 1
Merried	. 32,300	840	610	230	2.6	1.9	.7	25	44	3
Divorced/seperated	19,000 13,900	420 430	250 360	160 80	2.1 3.1	1.3 2.6	.8 .6	41 31	44	1 2
Under \$20,000	12,200	270	220	50	2.2	1.8	.4	40	41	1
Under \$10,000	. 5,700	170	130	30	3.0	2.3	.5	(NA)	(NA)	(NV
\$10,000-19,999	. 14,700	340	280	60	2.3	1.9	4	(NA)	(NA)	(N
\$20,000-39,999	29,000	630	480	150	2.2	1.7	.5	27	46	2
\$20,000-29,999 \$30,000-39,999	25,400 35,500	520 820	400 620	120 210	2.1 2.3	1.6 1.8	.5 .6	(NA)	(NA)	(N
\$40,000 and over		1,540	990	560	2.3	1.8	1.0	(NA)	45	3
\$40,000-49,999	44,700	1,080	780	310	2.4	1.7	1.7	(NA)	(NA)	(NA
\$50,000 and over		1.940	1.190	770	2.9	1.8	1.2	ina	i iii	i in

NA Net available.

Source: Independent Sector, Washington, DC, The Charitable Behavior of Americana, 1986. (Copyright by the Produsted Brothers Fund.)

#### NO. 602. FOUNDATIONS-NUMBER AND FINANCES BY ASSET SIZE

[Figures are for latest year reported by foundations, usually 1984 or 1985. Covers nongovernment nonprofit organizations with funds and programs managed by their own trustees or directors, whose goal was to maintain or aid social, educational, religious, or other activities deemed to serve the common good. Excludes organizations which make general appeals to the public for funds, act as trade associations for industrial or other special groups, or do not currently award grants. 2 Less than .5 percent]

		As-	J. 171		Gifts		PERC	ENT DISTRIB	UTION	
ASSET SIZE	Num- ber	sets (mil. dol.)	Expendi- tures (mil. dol.)	Grants (mil. dol.)	re- ceived (mil. dol.)	Num- ber	As- sets	Expendi- tures	Grants	Gifts re- ceived
Total	24,859	74,048	6,228	5,043	3,359	100	100	100	100	100
Under \$50,000	2,908 2,427 3,247	127 197 680 1,040 1,725 7,255	231 70 137 191 268 834	200 64 125 163 237 703	149 49 103 128 196 587	31 11 17 12 10 13	(z) (z) 1 1 2 10	4 1 2 3 4 13	4 1 2 3 5 14	4 1 3 4 6 17
\$5,000,000-\$9,999,999 \$10,000,000-\$49,999,999 \$50,000,000-\$99,999,999 \$100,000,000 or more	733 109	4,671 14,983 7,819 35,553	528 1,348 685 1,937	458 1,124 531 1,440	326 745 332 744	3 (z) (z)	20 11 48	8 22 11 31	9 22 11 29	10 22 11 22

Source: The Foundation Center, New York, NY, The National Data Book, 11th edition, 1967.

# No. 603. FOUNDATIONS—GRANTS REPORTED, BY SUBJECT FIELD AND RECIPIENT ORGANIZATION: 1982 TO 1986

[Number and type of foundations reporting varies from year to year. Covers grants of \$5,000 or more in size. For 1985, based on reports of 459 foundations which represented about 44 percent of all grant dollars awarded by private foundations. For definition of foundation, see headnote, table 602]

		NUME	BER OF G	RANTS					AMOUNT	r		
SUBJECT FIELD AND RECIPIENT ORGANIZATION	1982	1983	1984	1985	1986			Total mil. dol	.)			cent bution
	-		120			1982	1983	1984	1985	1986	1982	1986
Total 1	27,121	32,165	35,040	36,320	40,546	1,490	1,793	1,647	2,013	2,217	100.0	100.0
Welfare	9,014	10,960	11,174	12,186	13,491	387	509	454	523	586	25.9	26,4
Health		5,347	5,911	6,009	6,488	312	390	391	474	454	20.9	20.5
Education	5,145	5,775	6,099	6,059	7,057	356	286	286	338	485	23.8	21.9
Culture	4,435	5,151	5,542	6,246	7,334	209	277	229	294	327	14.0	14.7
Science	1,644	2,043	2,148	2,266	2,455	96	161	123	177	142	6.4	6.4
Social science		2,225	2,354	2,852	3,138	102	132	126	169	195	6.8	8.8
Religion	595	664	812	702	583	28	38	38	38	27	1.8	1.2
Educational institutions	8,316	9,454	9,887	9,739	11,294	634	608	578	716	851	42.5	38.4
Direct service agencies	7,981	9,600	9,673	11,147	12,875	277	403	354	418	483	18.5	21.8
Hospitals and medical care facilities	1,660	1,896	1,903	1,864	2,033	120	130	114	140	138	8.1	6.2
Research institutes	1,101	1,357	1,453	1,883	2,174	77	165	147	189	201	5.2	9,1
Associations and profess, societies	2,600	3,589	3,904	4,599	5,242	95	134	148	189	215	6.3	9.7
Museums and historical societies	1,134	1,258	1,300	1,501	1,824	88	68	91	115	125	5.9	5.6
Performing arts group	1,668	1,910	2.031	2,343	2,721	61	82	76	87	96	4.1	4.1
Government agencies	669	835	947	921	1,141	47	46	52	69	71	3.2	3.2
Community funds	718	993	1,079	959	1,261	43	60	65	67	80	2.9	3.6
Libraries		378	421	493	570	27	37	25	63	68	1.8	3.1
Churches and temples		539	745	682	542	25	24	23	29	19	1.7	.8

<sup>&</sup>lt;sup>1</sup> Grants may be awarded to multiple types of recipient organizations and would thereby be double-counted. Source: The Foundation Center, New York, NY, Foundation Grants Index, annual.

## No. **604.** Corporate Philanthropy—Beneficiaries: 1975 to 1985

[in millions of dollars, except percent. Based on a sample of corporations that gave at least \$100,000; see source]

			1	. 1	1000		5.0	122/	- 1	985
BENEFICIARY	1975	1977	1979	1980	1981	1982	1983	1984	Total	Percent of total
Total 1	436.8	593.9	835.6	994.6	1,170.6	1,281.6	1,278.4	1,444.3	1,694.7	100.0
Health and human services 1		227.6 128.5 25.0	292.6 (NA)	337.9 170.7 41.7	393.3 (NA) (NA)	397.3 182.4 44.6	367.6 (NA) (NA)	399.9 193.9 71.2	494.1 (NA) (NA)	29.2 (NA)
Education 1  Dept. and research grants 2  Employee matching gifts 2	158.4 23.8 14.0	220.0 31.6 22.4	314.8 (NA) (NA)	375.8 64.7 45.4	429.8 (NA)	522.2 114.6 71.2	498.8 (NA)	561.7 175.3 72.2	650.0 (NA) (NA)	(NA) 38.3 (NA) (NA)
Unrestricted operating grants 2	29.1 33.0	34.8 53.2	(NA) 82.5	56.0 108.7	(NA) (NA) 139.6	57.4 145.8	(NA) 145.2	38.7 154.7	(NA) 187.5	(NA)
Civic, community activities <sup>1</sup> Community improvement Environment; ecology		68.3 26.3 15.1	97.3 (NA) (NA)	116.8 47.0 10.8	136.6 (NA) (NA)	149.3 48.2 13.8	188.8 (NA) (NA)	271,6 62.0 97.1	279.5 (NA) (NA)	16.5 (NA) (NA)

M4 Not available. Includes other beneficiaries not shown separately. \*\* Higher education institutions.

Source: Places, Linda Cardillo, Annual Survey of Corporate Contributions, The Conterence Board, New York, NY. (Copplett).



Section 13

# Labor Force, Employment and Earnings

This section presents data on the labor force; its distribution by occupation and industry affiliation; and the supply of, demand for, and conditions of labor. The chief source of these data is the Current Population Survey conducted by the U.S. Bureau of the Census. Comprehensive historical data are published by the Bureau of Labor Statistics (BLS) in Labor Force Statistics Derived From the Current Population Survey: A Databook, BLS Bulletin 2096 and its supplement, and the Handbook of Labor Statistics. These volumes are supplemented on a current basis by the BLS monthly publications Employment and Earnings and the Monthly Labor Review. Detailed data on the labor force are also available from the Census Bureau's decennial census of population.

Types of data.—Most statistics in this section are obtained by two methods: household interviews or questionnaires, and reports of establishment payroll records. Each method provides data which the other cannot suitably supply. Population characteristics, for example, are readily obtainable only from the household survey, while detailed industrial classifications can be readily derived only from establishment records.

Household data are obtained from a monthly sample survey of the population. The Current Population Survey (CPS) is used to gather data for the week including the 12th of the month, and provides current comprehensive data on the labor force (see text, section 1). The CPS provides information on the work status of the population without duplication since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once, according to the job at which they work the most hours during the survey week.

Monthly data from the CPS are published by the Bureau of Labor Statistics in *Employment and Earnings* and the related reports mentioned above. Data presented include national totals by sex, race, Hispanic origin, and age, of the number of persons in the civilian labor force; the number employed, hours of work; industry and occupational groups; and the number unemployed, reasons for, and duration of unemployment. Monthly data from the CPS are also presented for 11 large States, New York City and the Los Angeles-Long Beach PMSA. Annual data shown in this section are averages of monthly figures for each calendar year, unless otherwise specified.

In addition to monthly data, the CPS also produces annual estimates of employment and unemployment for each State, 50 large metropolitan statistical areas and selected cities. These estimates are published by BLS in its annual *Geographic Profile of Employment and Unemployment*. More detailed geographic data (e.g., for counties and cities) are provided by the decennial population censuses.

Data based on establishment records are compiled by BLS and cooperating State agencies as part of an ongoing Current Employment Statistics Program. Data, gathered from a sample of employers who voluntarily complete mail questionnaires monthly, are supplemented by data from other government agencies and adjusted at intervals to data from government social insurance program reports. The estimates exclude proprietors of unincorporated firms, self-employed persons, private household workers, unpaid family workers, agricultural workers, and the Armed Forces. In March 1986, reporting establishments employed 10 million manufacturing workers (53 percent of the total manufacturing employment at the time), 15 million workers in nonmanufacturing industries (25 percent of the total in nonmanufacturing), and 12 million Federal, State, and local government employees (73 percent of total government).

The establishment survey counts workers each time they appear on a payroll during the reference week (as with the CPS, the week including the 12th of the month). Thus, unlike the CPS, a person with two jobs is counted twice. The establishment survey is designed to provide detailed industry information for the Nation, States, and metropolitan areas on nonagricultural wage and salary employment, average weekly hours, and average hourly and weekly earnings. Establishment survey data are published in *Employment and Earnings* and the *Monthly Labor Review*, cited above. Historical national and geographic data are published in *BLS Bulletin 1312-12*, *Employment, Hours, and Earnings, United States*, 1909-84 and Bulletin 1370-17, Employment, Hours, and Earnings, 1939-82 (data for States), and their supplements, and in the *Handbook of Labor Statistics*.

Labor force.—According to the CPS definitions, the civilian labor force comprises all civilians in the noninstitutional population 16 years and over classified as "employed" or "unemployed" according to the criteria below: Employed civilians comprise (a) all civilians, who, during the reference week, did any work for pay or profit (minimum of an hour's work) or worked 15 hours or more as unpaid workers in a family enterprise, and (b) all civilians who were not working but who had jobe or businesses from which they were temporarily absent for noneconomic reasons (liness, weather conditions, vacation, labor-management dispute, etc.). Unemployed persons comprise all civilians who had no employment during the reference week, who made specific efforts to find a job within the previous four weeks (such as applying directly to an employer, or to a public employment service, or checking with friends) and who were available for work during that week. Persons on layoff from a job or waiting to report to a new job within 30 days are also classified as unemployed if they are available for work. All other persons, 16 years old and over, are "not in the labor force." The labor force includes, in addition to the civilian employed and unemployed, members of the Armed Forces stationed in the United States. They are also included in the employed totals.

Beginning in 1982, changes in the estimation procedures and the introduction of 1980 census data caused substantial increases in the population and estimates of persons in all labor force categories. Rates on labor force characteristics, however, were essentially unchanged. In order to avoid major breaks in series, some 30,000 labor force series were adjusted back to 1970. The effect of the 1982 revisions on various data series and an explanation of the adjustment procedure used are described in "Revisions in the Current Population Survey in January 1982," in the February 1982 issue of *Employment and Earnings*. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1978, and data users should make allowances for them in making certain data comparisons.

Beginning in January 1985, the CPS estimation procedure was revised due to the implementation of a new sample design. A description of the changes and an indication of their effect on the national estimates of labor force characteristics appear in "Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1985" in the February 1985 issue of Employment and Earnings. Overall, the revisions had only a slight effect on most estimates. The greatest impact was on estimates of persons of Hispanic origin, which were revised to the extent possible, back to January 1980.

Beginning in January 1986, the CPS estimation procedure was revised to reflect an explicit estimate of the number of undocumented immigrants (largely Hispanic) since 1980 and an improved estimate of the number of legal foreign-born emigrants for the same time period. The revisions had a comparatively small effect on the total population and labor force estimates, but their effect on the estimates of persons of Hispanic origin was more pronounced. As a result, data for Hispanics, to the extent possible, were again revised back to January 1980. An explanation of the changes and their effect on estimates of labor force characteristics appears in "Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1986" in the February 1986 issue of Employment and Earnings.

Hours and earnings.—Average hourly earnings, based on establishment data, are gross earnings (i.e., earnings before payroll deductions) and include overtime premiums; they exclude irregular bonuses and value of payments in kind. Hours are those for which pay was received. Wages and salaries from the CPS consist of total monies received for work performed by an employed during the income year. It includes wages, salaries, commissions, tips, piece-rate payments, and cash bonuses earned before deductions were made for taxes, bonds, union dues, etc. Persons who worked 35 hours or more are classified as working full time (see table 614).

Industrial and occupational groups.—Establishments responding to the establishment survey are classified into industries on the basis of their principal product or activity (determined by annual sales volume) in accordance with the Standard Industrial Classification (SIC) Manual, Office of Management and Budget; 1972 is the latest issue. The SIC is a classification structure for the entire national economy. The structure provides data on a division and industry code basis, according to the level of industrial detail. For example, manufacturing is a major industrial division, food and kindred products (code 20) is one of its major groups. One of the ways this group is further divided is into meat products (code 201) and meat packing plants (code 2011). Periodically, the SIC is revised to reflect changes in the industrial composition of the economy. (A revised SIC Manual is forthcoming which will update the industry structure as of 1982).

Industry data derived from the CPS beginning in January 1983 utilize the industrial classification developed for the 1980 Census of Population. CPS data from 1971 to 1982 were based on the 1970 census classification system. Both population census systems are developed from the SIC. The 1970 system is based on the 1987 SIC, whereas, the 1980 system relates to the 1972 edition. Most of the industry categories were not affected by the change in classification.

The occupational classification system used in the 1980 census and in the CPS beginning in January 1983, evolved from the 1980 Standard Occupational Classification (SOC) system, first introduced in 1977. Occupational categories used in the 1980 census classification system are so radically different from the 1970 census system used in the CPS through 1982, that their implementation represented a break in historical data series. In cases where data have not yet been converted to the 1980 classifications and still reflect the 1970 classifications (e.g., table 655), comparisons between the two systems should not be made. To help users bridge the data gap, a limited set of estimates was developed for the 1972-1982 period based on the new classifications. The estimates were developed by means of applying conversion factors created by double coding a 20-percent sample of CPS occupational records for 6 months during 1981-82.— For further details, contact BLS.

Productivity—The Bureau of Labor Statistics (BLS) publishes data on productivity as measured by output per hour (labor productivity), output per combined unit of labor and capital input (multifactor productivity), and, for manufacturing industries, output per combined unit of capital, labor, energy, materials, and purchased service inputs. Labor productivity and related indexes are published for the business sector as a whole and its major subsectors: nonfarm business, manufacturing, nonfinancial corporations, 146 specific industries, and various functional areas of the Federal civilian government. Multifactor productivity and related measures are published for the private business sector and its major subsectors. Productivity indexes which take into account capital, labor, energy, materials, and service inputs are published for the 20 major 2-digit industry groups which comprise the manufacturing sector, and for the steel and motor vehicle industries. The major sector data are published in the BLS quarterly news release, Productivity and Costs and in the annual Multifactor Productivity Measures release. The specific industry productivity measures are published annually in the BLS Bulletin, Productivity Measures for Selected Industries, and the Handbook of Labor Statistics. Detailed information on methods, limitations, and data sources appears in the BLS Handbook of Methods, BLS Bulletin 2134-1 (1962), chapters 13 and 14.

Unions.—As defined here, unions include traditional labor unions and employee associations similar to labor unions. Data on union membership status provided by BLS are for employed wage and salary workers and relate to their principal job. Earnings by union membership status are usual weekly earnings of full-time wage and salary workers. The information is collected through the Current Population Survey. For a full description of the method of collection and comparability with earlier data, see "New Data on Union Members and Their Earnings" in the January 1985 issue of "Changing Employment Patterns of Organized Workers" in the February 1985 issue of the Monthly Labor Review. Collective bargaining settlements data are available for bargaining situations involving 1,000 or more workers in private industry and State and local government.

Recently, the *Union Sourcebook*, an annual publication by Leo Troy and Neil Sheflin of Rutgers University, has provided alternative estimates of union membership (see table 666). Due to differences in concept, method, scope, and reference period, BLS indicates a somewhat lower membership figure than does the *Sourcebook*. For example, BLS data are based on a sample survey and are subject to sampling error, while the *Sourcebook* data are figures covering all known labor organizations and are derived largely from financial reports of labor organizations. For a detailed discussion of the methodology used in the *Sourcebook* and differences with BLS data, see the *Sourcebook*.

Work stoppages.—Work stoppages include all strikes and lockouts known to BLS which last for at least one full day or shift and involve 1,000 or more workers. All stoppages, whether or not authorized by a union, legal or illegal, are counted. Excluded are work slowdowns and instances where employees report to work late, or leave early, to attend mass meetings or mass rallies.

Seasonal adjustment.—Many economic statistics reflect a regularly recurring seasonal movement which can be estimated on the basis of past experience. By eliminating that part of the change which can be ascribed to usual seasonal variation (e.g., climate or school openings and closings), it is possible to observe the cyclical and other nonseasonal movements in the series. However, in evaluating deviations from the seasonal pattern—that is, changes in a seasonally lusted series—it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors, but also are affected by the uncertainties of the adjustment process itself.

Statistical reliability.—For discussion of statistical collection, estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau and BLS data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross- references, where applicable, to Historical Statistics of the United States, Colonial Times to 1970. See Appendix IV.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in State and Metropolitan Area Data Book 1986. For cross-references, we rependix V.

# No. 605. EMPLOYMENT STATUS OF THE NONINSTITUTIONAL POPULATION 16 YEARS OLD AND OVER: 1950 TO 1988

[in thousands, except as indicated. Annual averages of monthly figures. Based on Current Population Survey; see text, section 1 and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series D 11-19 and D 65-85]

					LABOR F	ORCE				
					Employed			Unen	ployed	
200	Noninsti- tutional				1 - 7	Civilian				Not in
YEAR	popula- tion	Num- ber	Total	Resident Armed Forces	Total	Agri- culture	Non agricul- ture indus- tries	Num- ber	Per- cent of labor force	labor force
1950	119,106 128,459 139,203 154,831 157,818 160,689 163,541 166,460	63,377 67,087 71,489 76,401 84,889 95,453 97,826 100,665 103,882 106,559 108,544 110,315 111,872 113,226 115,241 117,167	60,087 64,234 67,639 73,034 80,796 87,524 90,420 93,673 97,679 100,421 100,907 102,042 101,194 102,510 106,702 106,856 111,303	1,169 2,064 1,861 1,946 2,118 1,676 1,656 1,651 1,656 1,651 1,664 1,665 1,676 1,676 1,676 1,706	58,918 62,170 65,778 71,088 78,678 85,846 88,752 92,017 96,048 98,824 99,303 100,397 99,526 100,834 105,005 107,150	7,160 6,450 5,458 4,361 3,463 3,331 3,283 3,387 3,364 3,401 3,368 3,401 3,383 3,321 3,163	51,758 55,722 60,318 66,726 75,215 82,348 85,421 88,734 92,661 95,477 95,938 97,030 96,125 101,685 101,685 100,439	3,288 2,652 3,852 3,366 4,093 7,929 7,406 6,991 6,202 6,137 7,637 8,273 10,678 10,717 8,539 8,312 8,237	5.2 4.3 5.4 4.4 4.8 8.3 7.6 6.9 6.0 7.5 9.5 7.4 7.1	42,787 44,6817 52,058 54,315 59,991 60,025 59,659 59,900 60,806 61,460 62,067 62,665 62,839 62,744 62,752
1996	100.0 100.0 100.0 100.0 100.0	59.7 60.0 61.0 64.1 65.6	56.6 56.8 58.0 59.6 61.1	1.1 1.6 1.5 .9	55.5 55.2 56.5 58.6 60.1	6.7 4.6 2.5 2.0 1.7	48.8 50.6 54.0 56.7 58.4	3.1 3.2 2.9 4.5 4.5	88888	40.3 40.0 39.0 35.9 34.4

X Not applicable. <sup>1</sup> Unemployment as a percent of the labor force, including resident Armed Forces. Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 605. SELECTED WORKLIFE INDICES BY SEX, RACE, AND EDUCATIONAL ATTAINMENT: 1979–1980 [In years, except percent. For the civilian noninstitutional population. For methodological details, see source]

			N	WLE					FE	MALE		
		Re	109	Educat	ional attai	nment		Re	iC0	Educat	ional attai	nment
INDEX AND AGE	Total	White	Black and other	Less than high school	High school to 14 years	15 years or more	Total	White	Black and other	Less than high school	High school to 14 years	15 years or more
Life expectancy:												l
At birth	70.0	70.7	65.3	70.0	70.0	70.0	77.6	78.3	73.9	77.6	77.6	77.6
At age 25	47.3	47.9	43.3	47.3	47.3	47.3	54.2	54.7	51.0	54.2	54.2	54.2
At age 60	17.5	17.8	16.5	17.5	17.5	17.5	22.4	22.6	21.0	22.4	22.4	22.4
At age 60 At age 65	14.2	14.3	13.8	14.2	14.2	14.2	18.5	16.7	17.7	18.5	18.5	18.5
Worklife expectancy:	1 '7-2	17.5	13.6	174	142	174	10.5	10.7	) ''·'	'0.5	10.0	
At birth	38.8	30.8	32.9	34.6	39.9	41.1	29.4	~29.7	27.4	22.3	30.1	34.9
At age 25	33.1	33.8	28.6	29.2	33.8	36.1	24.0	24.1	23.5	17.9	24.4	27.5
At age 60		4.5	3.3	3.3	4.7	6.3	3.0	3.0	3.0	2.3	3.3	-/-
At age 65	2.3	2.3	1.8	1.8		3.6	1.5	1.5	1.5	1.2	1.6	3.5 1.8
Percent of life	2.3	2.3	1.0	1.6	2.4	3.0	1.5	1.5	1.5	1.2	1.0	1.0
	ļ	l .	i	l	l				l	1	l	1
economically active: 1	1	ı	l	Ì	Į.	1			i	i .		ŀ
active: 1				۱	l	l			١	١		٠
From birth	55.4	56.3	50.4	49.4	57.0	56.7	37.9	37.9	37.1	28.7	38.8	46.0
From age 25	70.0	56.3 70.6 25.6	66.1	61.7	71.5	76.3	44.3	44.1	46.1	33.0	45.0	51.5
From age 80	25.1	25.6	20.0	16.9	26.9	38.0	13.4	13.3	14.3	10.3	14.7	15.5
From age 65	16.2	16.1	13.0	12.7	16.9	25.4	8.1	8.0	8.5	6.5	9.7	9.7
Number of times	1	l	i	l .	l		l .		1	i	ľ	l
person enters		i		l	l					1		1
labor force per:	1	1		l	l	i :	į		1	1		1
Person born	3.9	3.9	4.3	4.3	3.7	4.6	5.5 3.0	5.6	5.4	5.6	5.6 3.2	1 27
Person age 25	1.5	.1.5	1.8	2.0	1.5	1.4	3.0	3.0	3.1	3.3	3.2	2.7
Expected duration per entry remaining: <sup>2</sup>		1			-	1						i
entry remaining: 2	l	1	l	l	ł			l	ł	ł		
From birth	8.9	10.2	7.7	8.0	10.8	8.9	5.3	5.3	5.1	3.8	5.4	6.2
From age 25	22.1	22.5	15.9	14.6	22.5	25.8	8.0	5.3 6.0	7.6	5.4	5.4 7.6	10.3
Number of times	ı —.		1	i	ı —		-:-		ı <b>.</b>	1	1	1
person voluntarily	l	1	I	l	ı	l '	l.	i	l	J	l	1
leaves labor force:	1	1	l	l	l	1	ı	I	i	i	l	l
From birth	3.6	3.6	30	4.0	36	4.5	5.4	5.5	5.4	5.7	5.7	47
From age 25	2.3	3.6 2.3	3.9	27	3.6 2.3	22	3.8	3.8	3.7	3.8	40	4.7
	2.0	/ <b>~</b>	ı		1		l		l •	1		

<sup>\*\*</sup> Platio of workfile expectancy to life expectancy. \*\* Worldlife expectancy divided by number of times person enters labor.

Source: U.S. Bureau of Labor Statistics, Monthly Labor Review, August 1985,

### NO. 607. EMPLOYMENT STATUS OF THE CIVILIAN NONINSTITUTIONAL POPULATION 16 YEARS OLD AND OVER BY SEX, RACE, AND HISPANIC ORIGIN: 1960 TO 986

[In thousands, except as indicated. Annual averages of monthly figures. Based on Current Population Survey; see text, section 1, and Appendix III for methodology. See also Historical Statistics, Colonial Times to 1970, Series D 11-19 and D 85-86]

				CIVILIAN LAE	OR FORCE			NOT LAB	IN.
	Civilian				230	Unemple	oyed	FOR	ICE
YEAR, SEX, RACE, AND HISPANIC ORIGIN	noninsti- tutional popula- tion	Total	Per- cent of popu- lation	Em- ployed	Employ- ment/ popula- tion ratio 1	Number	Per- cent of labor force	Num- ber	Per cen of populatio
Total: 1									
1965	117,245 126,513	69,628 74,455	59.4 58.9	65,778 71,088	56.1 56.2	3,852 3,366	5.5 4.5	47,617 52,058	40
1970	137,085	82,771	60.4	78.678	57.4	4,093	4.9	54,315	39
1975	153,153	93 775	61.2	85,846 96,048	56.1	7,929	8.5	59.377	38
1978	161,910	102,251	63.2	96,048	59.3	6,202	6.1	59,659	36
1979	164,863	104,962 106,940	63.7 63.8	98,824 99,303	59.9 59.2	6,137 7,637	5,8 7,1	59,900 60,806	36
1981	170,130	108,670	630	100,397	59.0	B,273	7.6	61,460	36
1982	172,271	110,204	64.0 64.0 64.4 64.8	99,526	57.8	10,678	9.7	62,067	36
1983	174,215	111,550 113,544	64.0	100,834	57.9 59.5	10,717 8,539	9.6 7.5	62,665	36
1985	178,206	115,461	64.4	105,005	60.1	8,312	7.2	62,839 62,744	35
1986	180,587	117,834	65.3	107,150 109,597	60.7	8,237	7.0	62,752	34
lale:	200	1	3.7				3.92		100
1960	55,662	46,388	83.3 80.7	43,904	78.9	2,486	5.4	9,274	16
1965	59,782 64,304	48,255 51,228	79.7	46,340 48,990	77.5 76.2	1,914	4.0	11,527 13,076	21
1975	72,291	56,299	77.9	51,857	71.7	4,442	4.4 7.9	15,993	2
1978	76,576	59,620	77.9	56,479	73.8	3,142	5.3	16,956	2
1979	78,020	60,726	77.8	57,607	73.8	3,120	5.1	17,293	2
1980	79,398 80,511	61,453 61,974	77.4	57,186 57,397	72.0	4,267	6.9	17,945 18,537	2
1982	81,523	62,450	77.0 76.6	56,271	71.3 69.0	4,577 6,179	9.9	19,073	2
1983	82,531	63,047	76.4	56,787	68.8	6,260	9.9	19,484	2:
1984	83,605	63,835	76.4	59,091	70.7	4,744	7.4	19,484 19,771	2
1985	84,469 85,798	64,411	76.3	59,891	70.9	4,521	7.0	20,058	2
1986	85,798	65,422	76.3	60,892	71.0	4,530	6.9	20,376	2
1960	61,582	23,240	37.7	21.874	36.5	1,366	5.9	38,343	6
1965	66,731	26 200	37.7	21,874 24,748	37.1 40.8	1,452 1,855	5.5	40 531	61
1970	72,782	31,543	43.3	29,688			5.9	41,239	5
1975	80,860 85,334	37,475 42,631	46.3 50.0	33,989 39,569	42.0 46.4	3,486 3,061	9.3	43,386 42,703	50
1979	86,843	44,235	50.0	41,217	47.5	3,018	6.8	42,608	41
1980	88,348	45,487	51.5	42,117	47.7	3,370	7.4	42,861	4
1981	89,618	46,696	52.1	43,000	48.0	3,696	7.9	42,922	4
1982	90,748	47,755	52.6	43,256	47.7	4,499	9.4 9.2	42,993	4
1984	91,684 92,778	48,503 49,709	52.9 53.6	44,047 45,915	48.0 49.5	4,457 3,794	7.6	43,181	4
1985	93,736	51,050	54.5	47,259	50.4	3,791	7.4	42,686	4
1986	94,789	52,413	55.3	48,706	51.4	3,707	7.1	42,376	4
/hite: 1960	405 000				***	0.005		40.007	1
1965	105,282 113,284	61,915	58.8 58.4	58,850	55.9 56.0	3,065 2,691	5.0 4.1	43,367 47,147	4
1970	122,174	66,137 73,556	60.2	63,445 70,217	57.5	3,339	4.5	48,618	3
1975	134,790	82,831	61.5	76,411	56.7	6.421	7.8	51,959	3
1978	141,612	89,634	63.3	84,936	60.0	4,698	5.2	51,978	3
1979	143,894	91,923 93,600	63.9 64.1	87,259 87,715	60.6	4,664 5,884	5.1 6.3	51,971 52,522	3
1981	147,908	95,052	64.3	88,709	60.0	6,343	6.7	52,856	3
1982	149,441	96,143	64.3 64.3	87,903	58.8	8,241	8.6	53,298	3
1983	150,805	97,021	64.3	88.893	58.9	8,128	8.4	53,784	3
1984	152,347 153,679	98,492 99,926	64.6 65.0	92,120 93,736	60.5 61.0	6,372 6,191	6.5	53,855 53,753	3
1986	155,432	101,801	65.5	95,660	61.5	6,140	6.0	53,631	3
lack:	1 1 2 2 2	40.77.5	1	***			200		
1973	14,917	8,976	60.2	8,128	54.5 50.1	846	9.4	5,941	3
1975	15,751	9,263	58.8 61.5	7,894 9,102	50.1 53.6	1,369	14.8	6,488	3
1979	17.397	10,432	61.4	9,102	53.8	1,330	12.3	6,719	3
1980	17,824	10,865	61.0	9,313	52.2	1,553	14.3	6,959	3
1981	18,219	11,086	60.8	9,355	51.3	1,731	15.6	7,133	3
1982	18,584	11,331 11,647	61.0	9,189	49.4	2,142	18.9	7,254	3
1984	19,348	12,033	61.5	9,375 10,119	52.3	1,914	15.9	7,278 7,315	3
1985	19,664	12,364	62.9	10,501	53.4	1,864	15.1	7,299	3
1986	19,989	12,654	63.3	10,814	54.1	1,840	14.5	7,335	3
Ispanic; <sup>3</sup> 1980	0.500	0.40	0.0	E 507	57.5	200	10.	9 450	
1981	9,598	6,146	64.0 64.1 63.6	5,527 5,813	57.6 57.4	620 678	10.1	3,452 3,628	3
1982	10,120	6,492 6,734	63.6	5,805	54.9	929	13.8	3,846	3
1983	11,029	7,033	63.8	6,072	55.1	961	13.7	3,846 3,996	3
1984	11,478	7.451	64.9	6,651	57.9	800	10.7	4,027	3
1985	11,915 12,344	7,698 8,076	64.6 65.4	6,888 7,219	57.8 58.5	811 857	10.5	4,217	3
1900	12,394	0,076	00.4	7,219	20.5	60/	10.0	4,200	

Civilian employed as a percent of the civilian noninettutional population. 

\* Includes other races, not shown separately.

Source: U.S. Bureau of Labor Statistics, Employment and Earnings, monthly.

# No. 608. CIVILIAN LABOR FORCE AND PARTICIPATION RATES, BY RACE, SEX, AND AGE, 1970 TO 1986, AND PROJECTIONS, 1995 AND 2000

(For civilian noninetitutional population 16 years old and over. Annual averages of monthly figures. Rates are based on annual average civilian noninetitutional population of each specified group in the civilian labor force. Based on Current Population Survey; see text, section 1 and Appendix III. See also Historical Statistics, Colonial Times to 1970, series D 42-45)

PAGE 250 410 455		CIVII	LIAN LAE	OR FOR	ICE (mil	lions)			PAR	TICIPAT	ION RAT	E (perc	ent)	
RACE, SEX, AND AGE	1970	1975	1980	1985	1986	1995	2000	1970	1975	1980	1965	1986	1995	2000
Total 1	82.8	93.8	106.9	115.5	117.8	131.6	138.8	60.4	61.2	63.8	64.8	65.3	67.2	67.
White	73.6	82.8	93.6	99.9	101.8	111.7	116.7	60.2	61.5	64.1	65.0	65.5	67.5	68.2
Male		50.3	54.5	56.5	57.2	60.5	62.3	80.0	78.7	78.2	77.0	76.9	75.9	75.3
Female	27.5	32.5	39.1	43.5	44.6	51.2	54.4	42.6	45.9	51.2	54.1	55.0	59.7	61.5
Black *	9.2	9.3	10.9	12.4	12.7	15.1	16.3	61.8	58.8	61.0	62.9	63.3	65.6	66.0
Male	5.2	5.0	5.6	6.2	6.4	7.4	7.9	76.5	71.0	70.6	70.8	71.2	71.4	70.7
Female	4.0	4.2	5.3	6.1	6.3	7.7	8.4	49.5	48.9	53.2	56.5	56.9	60.9	62
Hispanic *		(NA)	6.1	7.7	8.1	11.8	14.1	(NA)	(NA)	64.0	64.6	65.4	69.7	68.7
Male	(NA)	(NA)	3.8	4.7	4.9	7.0	8.3	(NA)	(NA)	81.4	80.3	81.0	80.9	80.4
Female		(NA)	2.3	3.0	3.1	4.7	5.8	(NA)	(NA)	47.4	49.3	50.1	54.7	56.9
Male	51.2	56.3	61.5	64.4	65.4	70.4	73.1	79.7	77.9	77.4	76.3	76.3	75.3	74.7
16-19 years	4.0	4.8	5.0	4.1	4.1	4.0	4.5	56.1	59.1	60.5	56.8	56.4	58.5	60.
16 and 17 years	1.8	2.1	2.1	1.7	1.7	1.7	1.9	47.0	48.6	50.1	45.1	45.3	47.4	48.7
18 and 19 years	2.2	2.7	2.9	2.5	2.4	2.3	2.6	66.7	70.6	71.3	68.9	68.3	70.7	72.2
20-24 years	5.7	7.6	8.6	8.3	8.1	6.9	7.0	83.3	84.5	85.9	85.0	85.8	86.8	87.5
25-34 years	11.3	14.2	17.0	18.8	19.4	18.4	16.6	96.4	95.2	95.2	94.7	94.6	93.9	93.6
35-44 years	10.5	10.4	11.8	14.5	15.0	19.4	20.1	96.9	95.6	95.5	95.0	94.8	94.1	93.5
45-54 years	10.4	10.4	9.9	9.9	10.0	13.7	16.3	94.3	92.1	91.2	91.0	91.0	90.6	90.1
55-64 years	7.1	7.0	7.2	7.1	7.0	6.4	7.2	83.0	75.6	72.1	67.9	67.3	64.0	63.2
65 years and over	2.2	1.9	1.9	1.8	1.8	1.6	1.4	26.8	21.6	19.0	15.8	16.0	11.9	9.5
oo years and over		1.0	1.0	1.0	1.0	1.0	1.0	20.0	21.0	10.0	10.0	10.0	11.0	0.0
Female	31.5	37.5	45.5	51.1	52.4	61.2	65.6	43.3	46.3	51.5	54.5	55.3	59.8	61.5
16-19 years	3.2	4.1	4.4	3.8	3.8	3.8	4.4	44.0	49.1	52.9	52.1	53.0	57.2	59.2
16 and 17 years		1.7	1.8	1.5	1.6	1.7	1.8	34.9	40.2	43.6	42.1	43.7	48.3	49.7
18 and 19 years		2.4	2.6	2.3	2.2	2.2	2.5	53.5	58.1	61.9	61.7	62.3	66.3	68.6
20-24 years		6.2	7.3	7.4	7.3	6.5	6.7	57.7	64.1	68.9	71.8	72.4	76.4	78
25-34 years		8.7	12.3	14.7	15.2	16.0	15.1	45.0	54.9	65.5	70.9	71.6	79.2	82
35-44 years		6.5	8.6	11.6	12.2	17.1	18.4	51.1	55.8	65.5	71.8	73.1	81.0	84.
45-54 years	6.5	6.7	7.0	7.5	7.7	11.6	14.2	54.4	54.6	59.9	64.4	65.9	72.7	75.
55-64 years		4.3	4.7	4.9	4.9	4.9	5.7	43.0	40.9	41.3	42.0	42.3	44.3	45.6
65 years and over	1.1	1.0	1.2	1.2	1.2	1.2	1.0	9.7	8.2	8.1	7.3	7.4	6.2	5.4

NA Not available. <sup>1</sup> Beginning 1975, includes other races not shown separately. <sup>2</sup> For 1970, Black and other. <sup>3</sup> Hispanic persons may be of any race.

Source: U.S. Bureau of Labor Statistics, Employment and Earnings, monthly; Monthly Labor Review, September 1967; and unpublished data.

### No. 609. Civilian Labor Force-Percent Distribution, by Sex and Age: 1960 to 1966

[For civilian noninettational population 16 years old and over. Annual everages of monthly figures. Based on Current Population Survey; see text, section 1 and Appendix III. See Historical Statistics, Colonial Times to 1970, series D 29-41, for similar but not exactly comparable data]

	Civilian			PERCE	NT DISTRIE	NOITUE		
YEAR AND SEX	fabor force (1,000)	16-19 years	20-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65 yr. and over
Total: 1960	69,628	7.0	9.6	20.7	23.4	21.3	13.5	4
1965	74.400	7.9	11.1	19.1	22.6	21.2	13.9	4.
1970		8.8	12.8	20.6	19.9	20.5	13.6	3.
1975	93,775	9.5	14.7	24.4	18.0	18.2	12.1	3.
1980		8.8	14.9	27.3	19.1	15.8	11.2	2
1983	444 550	7.3	14.4	28.5	21.2	15.1	10.8	2
1984		7.0	14.1	28.8	22.0	15.0	10.5	2
1985	145 404	6.8	13.6	29.1	22.6	15.0	10.4	2
1986	447.004	6.7	13.1	29.4	23.1	15.1	10.1	2
fale: 1960	46,388	6.0	8.9	22.1	23.6	20.6	13.8	4.
1965	48,255	7.0	10.1	20.5	23.0	20.8	14.0	4.
1970	51,228	7.8	11.2	22.1	20.4	20.3	13.9	4.
1975	56,299	8.5	13.4	25.2	18.5	18.5	12.5	3.
1980	61,453	8.1	14.0	27.6	19.3	16.1	11.8	3.
1983	63.047	6.8	13.6	28.6	21.3	15.5	11.3	2
1984	63,835	6.5	13.5	29.0	22.0	15.3	11.0	2
1985	64,411	6.4	12.9	29.2	22.5	15.3	11.0	2
1986	65,422	6.3	12.5	29.6	23.0	15.3	10.6	2
Female: 1960		8.8	11.1	17.8	22.8	22.7	12.8	3.
1965		9.6	12.8	16.5	21.8	21.8	13.7	3
1970	31,543	10.3	15.5	18.1	18.9	20.7	13.2	3
1975		10.8	16.5	23.1	17.4	17.8	11.5	2
1980		9.6	16.1	26.9	19.0	15.4	10.4	2
1983		8.0	15.4	28.4	21.1	14.6	10.0	2
1984	10 700	7.7	15.0	28.6	21.9	14.5	9.9	2
1985		7.4	14.6	28.9	22.7	14.6	9.7	2
1986		7.3	13.9	29.0	23.3	14.8	9.4	2

Source: U.S. Bureau of Labor Statistics, Employment and Earnings, monthly.

### NO. 610. CHARACTERISTICS OF THE CIVILIAN LABOR FORCE, BY STATE: 1986

[In thousands, except ratio and rate. For civilian noninstitutional population, 16 years old and over, Annual averages of monthly figures. U.S. totals derived by independent population controls; therefore State data may not add to U.S. totals. For composition of regions, see fig. I, inside front cover]

427.00	тот	AL	EMPL	OYED	Em-	11	UNE	MPLOYE	0		PART TION F	RATE
REGION, DIVISION AND STATE			100		ployed/ popula-	Tot	al		Rate *		7	
	Num- ber	Fe- male	Total	Fe- male	tion ratio 1	Num- ber	Fe- male	Total	Male	Fe- male	Male	Fe- male
United States		52,413	109,597	48,706	60.7	8,237	3,707	7.0	6.9	7.1	76.3	55.
Region: Northeast Midwest		Tay as I						100	1			
Northeast	24,652 29,341	11,011	23,282 27,198	10,421	60.1 61.3	1,370	590 940	5.6 7.3	5.7 7.3	5.4 7.2	75.0 77.2	53. 56.
South	39,882	17,920	36,862	16,486	59.8	3,020	1,435	7.6	7.2	8.0	75.7	54.
West	24,006	10,532	22,297	9,786	62.1	1,709	745	7.1	7.2	7.1	77.3	57.
New England	6,717	3,098	6,454	2,973	65.4	263	125	3.9	3.8	4.0	77.8	59.
Maine New Hampshire	562	251	532	237	60.2	30	14	5.3	5.1	5.6	73.8	54.
New Hampshire	562 292	253 134	546 279	244 127	70.0 68.3	16	8 7	2.8 4.7	2.3	3.3 5.2	81.1	63.
Vermont	3,051	1,419	2,934	1,366	64.5	117	53	3.8	3.9	3.7	76.6	58.
Rhode Island	510	247	490	237	64.8	21	10	4.0	3.9	4.2	76.6	59.
Connecticut	1,740	794	1,674	762	67.2	66	32	3.8	3.5	4.1	80.0	60.
Middle Atlantic	17,935	7,912	16,827	7,448	58.2	1,108	465	6.2	6.4	5.9	74.1	51.
New York	8.408	7,912 3,722	7,881	7,448 3,508	57.4	526	214	6.3	6.7	5.8	73.5	50.
New Jersey Pennsylvania	3,892	1,710	3,696	1,616	62.4	196	95	5.0	4.6	5.5	77.6	54.
		2,479	5,248	2,324	56.8	386	156	6.8	7.3	6.3	72.7	50.
East North Central	20,463	9,000	18,837	8,294	60.1	1,626	706	7.9	8.0	7.8	76.8	54.
Ohio	5,234 2,750	1,243	4,809	2,127	59.3 62.5	426 185	169	8.1	8.7	7.3	76.1	54. 57.
Indiana	5,686	2,498	2,565 5,225	1,149	60.3	461	94 201	6.7 8.1	6.0 8.2	7.6	77.4	54
Michigan	4,393	1,914	4,007	1,741	58.4	385	173	8.8	8.6	9.0	75.7	53.
Wisconsin	2,399	1,049	2,230	979	62.2	169	70	7.0	7.4	6.6	77.1	57.
West North Central	8,878	3,971	8,361	3,736	64.2	517	234	5.8	5.8	5.9	78.3	58.
Minnesota	2,213	989	2,095	936	66.8	118	53	5.3	5.3	5.3	80.2	61.
lows	1,432	631	1,332	586	62.5	100	45	7.0	6.9	7.2	78.3	57.
Missouri	2,529	1,135	2,374	1,066	62.4 64.3	154	69	6.1	6.1	6.1	76.5 78.9	57. 58.
North Dakota	345	154	310 329	147	65.1	16	8	6.3	4.6	4.9	77.6	59.
Nebraska	803	367	763	348	65.5	40	19	5.0	5.0	5.1	78.3	60.
Kansas	1,224	549	1,158	517	64.4	67	32	5.4	5.1	5.9	79.2	58.
South Atlantic	20,035	9,178	18,889	8,593	61.0	1,145	585	5.7	5.2	6.4	74.9	55.
Delaware	325	150	311	144	64.6	14	6	4.3	4.4	4.3	77.1	59.
Maryland	2.358	1,095	2,252	1,037	66.2	105	58	4.5	3.8	5.3	79.0	60.
District of Columbia	328	165	302	153	62.2	25	13	7.7	7.8	7.6	73.0	62.
Virginia	2.885	1,306	2,740 655	1,232	64.0 45.0	145 88	30	5.0	13.2	5.7 9.9	77.9	57. 39.
West Virginia North Carolina South Carolina	3,194	1,471	3.024	1,382	63.6	170	89	11.8	4.7	6.0	64.0 77.4	58.
South Carolina	1,602	738	1,502	681	60.9	100	57	6.2	5.0	7.7	75.3	55.
Georgia	3,014	1,402	2.836	1,296	63.3	178	106	5.9	4.5	7.6	77.7	58.
Florida	5,588	2,546	5,268	2,395	57.4	320	152	5.7	5.5	6.0	70.8	52.
East South Central	7,036	3,151	6,373	2,829	56.5	663	322	9.4	8.8	10.2	73.8	52.
Kentucky	1,690	715	1,533	648	55.6	156	67	9.3	9.1	9.4	74.9	49.
Tennessee	2,301	1,057	2,116	961	58.0	185	96 91	8.0	7.2	9.1	73.1 73.7	54.
Alabama Mississippi	1,883 1,163	862 517	1,697	771 449	56.5 54.5	185 136	68	9.8	10.6	10.6	73.5	51.
and the second second	10011	F F00	44.000	5,064	59.9		528				78.0	55.
West South Central Arkansas	1,073	5,592 480	11,600 979	434	55.6	1,212	46	9.5 8.7	9.5 8.1	9.4	71.9	51.
Louisiana	1,988	875	1.727	755	53.7	261	120	13.1	12.7	13.7	74.7	50.
Oklahoma	1,593	721	1,462	666	60.9	131	54	8.2	6.8	7.6	77.6	56.
Texas	8,159	3,515	7,433	3,209	62.0	726	307	8.9	9.0	8.7	79.8	57.
Mountain	6,371	2,814	5,899	2,614	62.8	472	201	7.4	7.6	7.1	78.4	58.
Montana	407 468	178	374	165	62.3	33	13	8.1	8.7	7.3 7.6	78.3	57.
Idaho Wyoming	468 249	202 107	427 227	187 98	61.1	41 22	15	9.0	9.6	8.6	77.7 81.1	59.
Colorado.	1.694	774	1.568	721	65.0	126	53	7.4	7.9	6.9	80.7	60.
Colorado New Mexico	672	281	610	258	58.3	62	24	9.2	9.7	8.5	76.0	52.
Arizona	1,586	700	1,476	650	60.3	110	50	6.9	6.8	7.1	75.3	55.
Utah Nevada	755 541	321 251	709 508	299 237	65.8 67.8	45 32	22 15	6.0	6.2	6.8 5.8	81.3 79.7	58. 65.
			1000	4000	1	1 100	100	100	100	1500		Die C
Pacific	17,635 2,178	7,717	16,399 2,000	7,173 879	61.8 60.7	1,237	544 83	7.0 8.2	7.0 7.8	7.1 8.7	76.9 75.8	56. 56.
Oregon	1,347	611	1,233	559	60.6	114	52	8.5	8.4	8.5	74.7	58.
Oregon	13,365	5,801	12,473	5,413	62.0	892	388	6.7	6.7	6.7	77.3	56.
Alaska	256	114	229	104 217	65.5 62.9	28	10	10.8	12.1	9.1	82.0	64.
Hawaii	488	228	465			24	11	4.8	4.9	4.8	73.8	59.

Civilian employment as a percent of civilian noninstitutional population.

2 Percent unemployed of the civilian labor force.

Percent of civilian noninstitutional population of each specified group in the civilian labor force.

Source: U.S. Bureau of Labor Statistics, Geographic Profile of Employment and Unemployment, 1986.

NO. 611. CIVILIAN LABOR FORCE-EMPLOYMENT STATUS, BY SEX, RACE, AND AGE: 1986

[For civilian nonnetitutional population 16 years old and over. Annual averages of monthly figures. Based on Current Population Survey; see text, section 1 and Appendix (II)

	CIVILIAN	LABOR	PORCE	M	LE (1,000	))	PEA	ALE (1,00	10)	PERC	ENT OF	LABOR P	ORCE
AGE AND RACE	Total	Perce			Em-	Un-		Em-	<b>₽</b>	Empl	loyed	Unem	ployed
	(1,000)	Male	Fe- male	Total	ployed	em- ployed	Total	ployed	em- ployed	Male	Fe- male	Male	Fe- male
All workers 1	117,834	100.0	100.0	65,422	80,882	4,530	<b>52,413</b>	48,706	3,707	99.1	92.9	6.9	7.
6-19 years	7,926	6.3	7.3	4,102	3,323	779	3,824	3,149	675	81.0	82.3	19.0	17.0
0-24 years	15,441	12.5	13.9	8,148	7,250	800	7,293	6,540	752	89.0	89.7	11.0	10.
5-34 years 5-44 years	34,591 27,232	29.6 23.0	29.0 23.3	19,383 15,029	18,092 14,266	1,291 763	15,208 12,204	14,109 11,595	1,099	93.3 94.9	92.8 95.0	8.7 5.1	7.5 5.5
5-54 years	17.739	15.3	14.8	9.994	9.554	440	7.746	7,395	350	96.6	95.5	4.4	4.
5-64 years	11.894	10.6	9.4	6.954	6,654	301	4.940	4.751	189	95.7	96.2	4.3	3.
5 years and over	3,010	2.8	2.3	1,811	1,753	58	1,199	1,165	33	96.8	97.2	3.2	2
White		100.0	100.0	57,217	53,736	3,433	44,584	41,876	2,708	94.0	93.6	6.9	6.
6-19 years	6,862	6.2	7.4	3,542	2,966	576	3,320	2,825	495	83.7	95.1	16.3	14.
0-24 years	13,178	12.2	13.9	6,968	6,340	645	6,191	5,687	504	90.8	91.9	9.2	8.
5-34 years 5-44 years	29,497 23,571	29.3 23.1	26.6 23.2	16,769 13,207	15,790 12,620	978 586	12,729 10,364	11,956 9,895	773 470	94.2 95.6	93.9 95.5	5.8 4.4	6.
5-54 years	15 379	15.4	14.8	8,791	8,442	349	6.588	6,307	281	96.0	96.7	7.0	1 7
5-64 years	10.583	10.9	9.7	6,260	6,012	248	4,323	4.164	159	96.0	96.3	4.0	ã
5 years and over	2,732	2.9	2.4	1,863	1,612	51	1,000	1,042	27	96.8	97.5	3.1	4. 3. 2.
Black	12,654	100.0	100.0	6,373	5,426	946	8,361	5,306	804	95.2	95.8	14.8	143
6-19 years	883	7.2	6.8	458	278	160	425	250	167	60.7	60.8	39.3	39.
0-24 years	1,881	15.0	14.7	957	732	225	924	696	228	76.5	75.3	23.5	24.
5-34 years 6-44 years	4,028 2,793	31.8 21.3	31.8 22.8	2,029 1,359	1,756 1,211	273 148	1,999 1,434	1,708 1,313	291 121	86.5 89.1	85.4 91.6	13.5	14.
5-64 years		14.1	14.2	901	831	70	892	836	57	92.2	93.6	7.8	1
5-64 years		8.7	7.9	552	507	44	499	475	25	92.0	96.0	8.0	5.
5 years and over		1.8	1.7	116	112	5	107	102	5	95.7	95.3	43	i ā

<sup>1</sup> includes other races not shown separately.

Source: U.S. Bureau of Labor Statistics, Employment and Earnings, monthly.

No. 612. EMPLOYED CIVILIANS AND WEEKLY HOURS, BY SELECTED CHARACTERISTICS: 1970 TO 1986

[In thousands except as indicated. For civilian noninstitutional population 16 years old and over. Annual everages of monthly figures. Based on Current Population Survey; see text, section 1 and Appendix III]

AGE, SEX, AND MARITAL STATUS	1970	1975	1980	1902	1980	1984	1980	1980
Total employed	78,678	95,846	90,303	99,303	100,834	105,005	107,100	100,507
Age:								
16-19 years	6.144	7,104	7.710	6.549	6.342	6,444	6,434	6,472
20-24 years	9.731	11.895	14.087	13,690	13,722	14,207	13,980	13,790
25-34 years	16.318	21.087	27.204	28,149	28,756	30,348	31,208	32.201
35-44 years	15,922	15,963	19,523	20,879	21,980	23,598	24,732	25,861
45-54 years	16,473	16,190	16.234	15,923	15.812	16,176	16,500	16,946
55-64 years	10.974	10,827	11,586	11,414	11,315	11,395	11,474	11,406
65 years and over	3,118	2,801	2,960	2,923	2,927	2,835	2,813	2,919
Sex: Male	48,990	51,867	57.168	56.271	56,767	59.081	59,891	60,862
Female	29,696	33,969	42,117	43,256	44,047	45,915	47,250	48,700
Merital statue:	į			ŀ	i		l	
Married, spouse present	55,554	58.037	62,536	62,127	62,570	64,692	65,584	60,892
Single (never merried)	15 039	18,256	24.082	24,099	24,779	28,143	28,790	27,471
Widowed, divorced, separated	8,087	9,552	12,696	13,330	13,483	14,170	14,786	15,319
Class of worker:	1			ł			l	1
Nonagriculture	75,215	62,438	95,936	96,125	97,450	101,665	103,971	108,434
Wage and salary worker	89,491	76,249	88,525	88,462	69,500	93,565	95,871	94,290
Self-employed	5,221	5,705	7,000	7,262	7,575	7,785	7,811	7,881
Unpeid family workers	502	483	413	401	376	336	289	256
Agriculture	3,463	3,408	3.364	3.401	3.363	3.321	3.179	3.163
Wage and salary worker	1,154	1,301	1.425	1,595	1,579	1,565	1,536	1,547
Self-employed	1,810	1,722	1.642	1,636	1.565	1,553	1,458	1,447
Unpeid family workers	499	366	297	281	240	213	185	163
Weekly hours:				ľ	i			
Nonegriculture:		i i		l	l	ľ	l	1
Wage and salary workers	38.3	36.1	36.1	37.6	37.9	36.4	38.7	30.0
Self-employed	45.0	42.3	41.2	39.8	40.0	40.6	41.1	41.2
Unpeid family workers	37.9	38.3	34.7	34.7	34.8	35.1	35.1	36.6
Agriculture:				ł				i
Wage and salary workers		40.8	41.6	40.3	40.3	41.1	40.8	40.1
Self-employed		49.7	49.3	48.3	47.4	46.1	46.2	90.4 30.7
Unpeid territy workers	40.0	39.6	38.6	38.9	36.6	36.9	38.5	30.7

Source: U.S. Bureau of Labor Statistics, Employment and Earnings, monthly; and unpublished data.

#### No. 613. Persons With a Job But Not at Work: 1970 to 1986

(In thousands, except percent. For civilian noninstitutional population 16 years old and over. Annual averages of monthly figures. Based on Current Population Survey; see text, section 1 and Appendix III. See Historical Statistics, Colonial Times to 1970, series D 116-125, for related but not comparable data).

7.00		30	100	360		1. 3		1				1986	
REASON FOR NOT WORKING	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	Total	Male	Fe- male
All industries, number	4,645 5.9 4,511	5,221 6.1 5,056	5,573 5.8 5,415	5,747 5.8 5,601	5.9	5,790 5.8 5,653	5,712 5,7 5,573	5,563 5.5 5,413	5,575 5.3 5,439	5,789 5.4 5,667	5,741 5.2 5,613	2,828 4,6 2,725	2,912 6.0 2,888
Reason for not working: Vacation Illness Bad weather Industrial dispute All other	2,341 1,324 128 156 696	2,815 1,343 139 95 829	2,985 1,436 238 100 815	3,191 1,420 198 123 816	3,320 1,425 155 105 876	3,247 1,413 112 64 953	3,153 1,331 202 36 988	3,096 1,291 124 91 962	3,147 1,322 118 40 947	3,338 1,308 141 42 960	3,234 1,292 128 56 1,030	1,558 688 119 39 426	1,676 604 10 11 605

Source: U.S. Bureau of Labor Statistics, Employment and Earnings, monthly.

# NO. 614. EMPLOYED AND UNEMPLOYED WORKERS BY WORK SCHEDULES, SEX, AND AGE: 1976 TO 1986

[Im thousands. For civilian noninstitutional population 16 years old and over. Annual averages of monthly figures. Based on Current Population Survey; see text, section 1 and Appendix [III]

		EME	PLOYED		200000000000000000000000000000000000000		UNEM	PLOYED	
CHARACTERISTIC	1976	1980	1985	1986	CHARACTERISTIC	1976	1980	1965	1986
Total	88,752	99,303	107,150	109,597	Total	7,406	7,636	8,312	8,237
Full-time 1	73.964	82.562	88,535	90,529	Looking for full-time work	5,974	6,269	6,793	6,708
Male	48,150	51,717	53,862	54,685	Male	3,421	3,703	3,925	3,916
16-19 years old		2,017	1,437	1.367	16-19 years old	551	537	446	408
20-24 years old			6,078	6,050	20-24 years old	856	994	857	800
25-54 years old		35,644	39,207	40,231	25-54 years old	1,695	1,923	2,329	2,415
55 years and over		7,521	7,139	7.037	55 years and over	320	250	292	293
Female		30,846	34,672	35,845	Female	2,553	2,564	2,868	2,792
16-19 years old	1,409	1,456	1,069	1,033	16-19 years old	448	430	331	324
20-24 years old	4,435	5,098	4,903	4,844	20-24 years old	649	636	636	607
25-54 years old	16,405	20,395	24,838	26,044	25-54 years old	1,268	1,363	1,727	1.714
55 years and over	3,565	3,897	3,862	3,923	55 years and over		135		1,529
Part-time 1	14,788	16,740	18,615	19,069	Looking for part-time work	1,432	1,369	1,519 596	614
Male	4,989	5,471	6,028	6,207	Male 16-19 years old		377	360	371
16-19 years old		2.068	1,891	1,955	20-24 years old	94	81	87	99
20-24 years old		999	1,261	1,201	25-54 years old		54	79	75
25-54 years old		1,092	1,568	1,680	55 years and over		52	70	78
55 years and over		1,314	1,308	1,371	Female		806	923	915
Female		11.271	12,587	12,862	16-19 years old		326	330	350
16-19 years old		2,169	2,036	2,118	20-24 years old	115	124	158	145
20-24 years old	1,219	1,456	1,738	1,696	25-54 years old		299	359	344
25-54 years old	4,961	5,827	6,837	7,055	55 years and over	79	57	75	75
55 years and over		1,815	1,976	1,993	5.7,52.7 d. d. d. d. d. d. d. d. d. d. d. d. d.	1.9	10	1	,,,

<sup>&</sup>lt;sup>1</sup> Full-time workers include employed persons on full-time (35 hours or more per week) schedules and those working part-time (between 1 and 34 hours) for economic reasons who usually work full-time. Part-time workers include employed persons working part-time voluntarily and those working part-time for economic reasons, who usually work part-time. Employed persons with a job but not at work are distributed according to whether they usually work full- or part-time.

Source: U.S. Bureau of Labor Statistics, Employment and Earnings, monthly, and unpublished data.

# No. 615. SELECTED MEASURES OF WORK SCHEDULES, BY SEX, OCCUPATION AND INDUSTRY: 1985 [Hours and days are means. See headnote, table 616]

	HOL	JRS		Per- cent		HOL	IRS		Per- cent
SEX AND OCCUPATION	Per week	Per day	Days per week	work- ing week- ends	INDUSTRY	Per week	Per day	Days per week	work- ing week- ends
Total	38.7	7.9	4.9	29.3	Industry: Mining	44.4 41.0	8.7 8.2	5.1	27.8
Sex: MaleFemale	41.6 35.0	8.3 7.4	5.0 4.7	32.2 25.6	Manufacturing, durable goods Wholesale trade	40.9	8.3	4.9	16.4
Occupation: Precision production, craft,					Transportation and public utilities	40.8 40.7	8.3 8.0	4.9 5.1	21.7 48.7
and repair	40.9	8.2 8.3	5.0 4.9	17.8 16.5	Manufacturing, nondurable goods	40.0	8.1	4.9	14.0
farming, forestry and fishing	39.2 38.0	8.0 7.7	4.9 5.2	19.9 44.5	Public administration Finance, insurance, and real	40.0 39.9	8.4	4.9	12.3
Technical, sales, and admin. support. Service.	36.6 32.3	7.6 7.1	4.8 4.5	24,5 44.9	estate	39.0 35.8 34.2	7.9	5.0	14.9

### No. 616. EMPLOYED PERSONS WORKING AT HOME, BY SELECTED CHARACTERISTIC: 1985

[In thousends, except meen hours. As of May. For the civilian noninstitutional population 16 years old and over. Based on the Current Population Survey; see text, section 1 and Appendix III. For definition of mean, see Guide to Tabular Presentation]

		HOUR	WORKE WEEK	D PER			HOUR	WORKE WEEK	D PER
ITEM	Total <sup>1</sup>	8 hours or more	35 hours or more	Meen hours	ПЕМ	Total <sup>1</sup>	8 hours or more	36 hours or more	Mean hours
Total Worked entirely at	17,477	8,878	1,287	11.0	Industry: Agriculture Nonegriculture	421 1,823	403 1,589	277 790	45.7 29.0
home	2,243	1,982	1,067	32.1	Mining	16	14	5	(8)
Sex: Male	749	709	478	41.1	Construction	61	86	24	25.0
Female	1,494	1,284	591	27.7	Manufacturing	151	140	86	28.5
	.,		•••		Durable	67	64	28	(8)
Occupation: Managerial and		1	1		Nondurable	83	76	37	25.9
professional	533	451	211	28.5	Transportation and			٠.	
Technical, sales and admin.		1			public utilities	54	48	33	(=)
support	593	462	210	25.4	Wholesale trade	49	42	14	(6)
Service	504	478	288	34.0	Retail trade	202	151	83	23.5
Precision production, craft		""		- 115	Finance, insurance and		1	ı ~	1
and repair	142	121	55	27.0	real estate	111	102	64	34.0
Operators, fabricators and		1	"		Services	1,128	1,000	514	29.9
leborers	82	76	36	28.5	Public admin	25	22	3	(00)
Farming, forestry, and fish-			1 -				_	ı	
ing	390	385	266	47.6		1	1		ı

B Data not shown where base is less than 75,000. 1 For workers reporting actual hours worked at home.

Source: U.S. Bureau of Labor Statistics, Monthly Labor Review, November 1986.

NO. 617. WORKERS ON FLEXIBLE SCHEDULES, BY SELECTED CHARACTERISTIC: 1965 [In thousands, except percent. As of May. For full-time wage and selary workers. See headnote, table 616]

OULD LOTTON TO	AL	L WORKER	5		TH FLEXIE			CENT OF	
CHARACTERISTIC	Total	Male	Female	Total	Male	Fe- male	Total	Male	Fe- mak
Total	73,395	43,779	29,616	9,061	5,760	3,300	12.3	13.2	11.
Marital status and presence of youngest child:	U. V.	100	7000	1352			(4.7)	133	ES.
Single.	16,812	9,703	7,109	2,123	1,232	891	12.6	12.7	12.5
With no children under 18	16,264	9,605	6,659	2,055	1,218	837	12.6	12.7	12.6
With own children: under 6	301	88	213	26	10	16	8.6	11.4	7.5
Between 6 and 13 years old	192	6	186	29	1	28	15.1	16.7	15.
Between 14 and 17 years old	55	4	51	13	3	10	23.6	75.0	19.6
Married, spouse present	45,345	29,666	15,679	5,483	3,868	1,615	12.1	13.0	10.5
With no children under 18	19,413	11,567	7,846	2,311	1,531	780	11.9	13.2	9.5
With own children: under 6	12,093	8,927	3,166	1,459	1,130	329	12.1	12.7	10.4
Between 6 and 13 years old	9,391	6,299	3,092	1,164	814	350	12.4	12.9	11.3
Between 14 and 17 years old	4,449	2,873	1,576	547	392	155	123	13.6	9.6
Other marital status	11,238	4,410	6,828	1,455	661	794	129	15.0	11.6
With no children under 18	8,252	3,895	4,357	1,125	588	537	13.6	15.1	12.
With own children: under 6	673	120	553	62	9	53	9.2	7.5	9.6
Between 6 and 13 years old	1,418	224	1,194	173	38	135	12.2	17.0	11.3
Between 14 and 17 years old	895	171	724	94	25	69	10.5	14.6	9.5
Occupation:			1 24			100			
Managerial and professional	16,944	10,896	8,049	3,448	2,340	1,109	18.2	21.5	13.8
Technical, sales, administrative	21,961	8,346	13,615	3,215	1,540	1,675	14.6	18.5	12.3
Service occupations	7,268	3,552	3,717	619	302	317	8.5	8.5	8.5
Precision production, craft and repair	10,477	9,670	807	717	658	59	6.8	6.8	7.3
Operators, fabricators, and laborers	13,326	10,073	3,253	847	728	120	6.4	7.2	3.7
Farming, forestry, and fisheries	1,418	1,243	175	214	192	22	15.1	15.4	12.6
Industry:	100		39-1	700	155	100	75		13
Private sector	60,127	36,995	23,132	7,559	4,904	2,656	12.6	13.3	11.3
Goods producing 1	24,626	18,354	6,272	2,420	1,892	528	9.8	10.3	8.4
Service producing	35,500	18,641	16,860	5,139	3,011	2,128	14.5	16.2	12.6
Public sector	13,268	6,784	6,484	1,501	857	644	11.3	12.6	9.9
Federal government	2,901	1,794	1,107	580	340	240	20.0	19.0	21.7
State government	3,320	1,645	1,675	537	292	245	16.2	17.8	14.6
Local government	7,047	3,345	3,702	384	225	160	5.4	6.7	4.3

<sup>&</sup>lt;sup>1</sup> Includes agriculture, mining, construction, and manufacturing.

Source: U.S. Bureau of Labor Statistics, Monthly Labor Review, November 1996 and unpublished data.

### NO. 618. MULTIPLE JOBHOLDERS-SELECTED CHARACTERISTICS: 1985

te, table 616. Multiple jobholders are employed persons who, either 1) had jobs as wage or salary workers with two or more; 2) were self-employed and also held a wage and salary job; or 3) were unpaid family workers on their is but also held wage and salary jobs]

	EMP	LOYED (1,0	000)			MULTIPLE	E JOBH	LDERS		
4ARACTERISTIC				Nur	mber (1,0	100)		erage ly hours	ean	n weekly nings <sup>1</sup> dol.)
	Total	Male	Female	Total	Male	Female	All jobs	Sec- ondery job	All jobs	Sec- ondery job
	106,878	<b>90,</b> 015	46,964	5,736	3,537	2,192	51.3	14.2	\$343	\$70
ears old	13,857 31,246 24,446 16,682 11,545 2,813 93,555 10,416	3,370 7,345 17,641 13,696 9,526 6,739 1,696 53,222 5,240 3,964	2,919 6,512 13,605 10,746 7,156 4,806 1,117 40,333 5,176 2,505	289 777 1,771 1,522 647 433 90 5,286 338 194	134 438 1,090 967 558 294 59 3,291 187 125	156 340 682 556 290 139 31 1,995 151 69	34.0 48.9 52.6 53.7 52.9 51.8 42.3 51.1 53.8 51.1	11.4 14.1 14.7 15.1 13.5 13.5 10.7 14.0 16.8 15.1	119 245 340 477 510 494 152 344 305 355	42 65 75 76 73 71 45 69 81
t: Xouse present	26,167 65,443 15,268 3,524	14,768 39,444 5,803 2,837	11,399 25,989 9,465 887	1,448 3,448 834 188	767 2,447 323	681 1,001 510	(NA) (NA) (NA) 53.2	(NA) (NA) (NA)	(NA) (NA) (NA) (NA)	(NA) (NA) (NA)
rd selery worker	1,582 211 103,354 95,379 7,694	1,391 1,378 70 57,177 52,008 5,134 36	340 208 140 46,177 43,372 2,581 244	103 74 8 5,544 5,268 289 9	83 65 4 3,386 3,230 151 5	21 9 4 2,156 2,036 118 4	55.6 51.3 36.9 51.2 51.7 42.4 41.7	15.3 22.0 23.3 14.1 14.1 14.0 20.8	226 (NA) (NA) (NA) 378 (NA) (NA)	76 65 (NA) 69 68 78 (NA)

ivaliable. Data on wage and salary earnings only were collected for the primary job. Data on earnings from all a collected for the secondary job. Hispanic persons may be of any race.

### D. 619. HISPANIC PERSONS—CIVILIAN LABOR FORCE PARTICIPATION: 1985 AND 1986

arch. For civilian noninstitutional population, 16 years old and over. Based on Current Population Survey; see text, section 1 and Appendix III]

			1986			1986						
(TEM (	Total	Mend- can	Puerto Rican	Cuben	Other His- panic orl- gin <sup>1</sup>	Total	Mexi- can	Puerto Rican	Cuben	Other His- panic ori- gin <sup>1</sup>		
,000)	11,465	6,625	1,721	851	2,269	12,273	7,291	1,508	861	2,612		
sbor force: Male	78.5	81.5	66.9	74.6	78.4	79.0	81.1	67.8	78.2	79.0		
Female	50.4	51.3	39.0	56.9	54.7	48.9	49.1	37.8	53.9	53.7		
,000)		3,900	756	520	1,356	7,007	4,239	656	540	1,573		
•••••	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
rial and professional	12.0	9.6	13.3	16.9	16.4	12.2	9.8	14.8	20.2	14.7		
ales, and admin. suppport	25.9	24.1	30.5	28.3	27.8	25.6	23.7	28.9	33.9	26.4		
, forestry, and fishing	17.9	17.2	21.1	12.5	19.9	18.9	17.9	20.4	12.6	23.3		
ations	4.1	6.2	.7	.4	1.4	4.3	6.2	1.2	1.1	1.7		
production, crait, and	15.3	16.9	10.8	17.6	12.5	13.7	14.5	10.5	14.2	12.4		
rs, fabricators and laborers	24.8	26.1	23.5	24.4	22.0	25.3	27.8	24.2	18.0	21.5		
mployed: Male		12.5	15.0	6.9	9.2	11.3	11.7	16.4	6.3	9.2		
Female	10.5	10.9	13.3	6.6	9.6	9.5	10.3	14.1	4.1	7.3		

Central or South American and other Hispanic origin.

S. Bureau of Labor Statistics, Monthly Labor Review, November 1988, and unpublished data.

I.S. Bureau of the Census, series P-20, Nos. 403 and 416.

No. 620. CIVILIAN LABOR FORCE-YEARS OF SCHOOL COMPLETED, BY SEX AND RACE: 1987 [As of March. For civilian noninstitutional population 16 years old and over. Based on Current Population Survey; see text, section 1 and Appendix III]

	Popule-		PERCEN	IT DISTRIB	UTION BY	SCHOOL Y	EARS COM	PLETED	
EMPLOYMENT STATUS, SEX, AND RACE	tion, 16 yr. old	Elen	nentary sc	hool	High s	chool		College	
	and over (1,000)	0-4 yeers	5-7 years	8 years	1-3 years	4 years	1-3 years	4 years	5 years or more
Total 1	182,197	2.1	3.9	5.3	15.9	37.7	17.9	10.3	6.9
Civilian labor force	109,854 8,280	.9 .8 1.1 4.4	2.1 2.0 3.9 7.3	2.9 2.6 4.8 10.0	12.2 11.2 25.9 22.5	40.1 40.0 41.1 33.4	20.1 20.5 15.2 13.6	12.8 13.4 5.5 5.7	9.0 9.5 2.4 3.2
Male, total	65,174 60,366	2.2 1.1 1.1 1.1 5.6	4.1 2.6 2.5 4.6 8.4	5.3 3.3 3.1 5.6 11.5	16.0 13.1 11.9 27.3 25.0	34.7 37.5 37.5 38.3 26.2	17.8 18.9 19.3 14.6 13.6	11.2 13.3 13.8 6.0 5.1	8.8 10.2 10.9 2.5 4.5
Female, total Civilian labor force	95,568 52,960 49,486 3,474	2.0 .6 .5 1.0 3.8	3.8 1.5 1.4 3.0 8.7	5.2 2.0 1.9 3.7 9.2	15.7 11.3 10.4 24.0 21.3	40.4 43.3 43.2 45.0 36.9	18.1 21.6 22.0 16.1 13.7	9.5 12.3 12.9 4.9 5.9	5.2 7.4 7.7 2.3 2.5
White, total Civilian labor force Employed Unemployed Not in labor force	156,589 102,043 95,847 6,196	1.8 .8 .8 1.2 3.6	3.6 2.0 1.9 3.8 6.6	5.4 2.7 2.5 5.2 10.4	15.0 11.6 10.7 25.2 21.3	38.3 40.2 40.2 41.1 34.6	18.0 20.1 20.5 14.9 14.1	10.7 13.2 13.7 6.0 6.0	7.3 9.3 9.5 2.6 3.4
Black, total Civilian labor force Employed. Unemployed Not in labor force.	20,200 12,544 10,730 1,814	4.0 1.0 1.0 .4 9.0	6.6 3.3 3.1 4.4 12.1	5.0 3.1 3.0 3.6 8.2	23.4 18.2 16.3 29.3 31.9	36.1 42.6 42.7 42.0 25.5	15.9 19.7 20.4 15.8 9.7	5.8 7.9 8.6 3.5 2.2	3.1 4.2 4.6 .9 1.3

<sup>&</sup>lt;sup>1</sup> Includes other races, not shown separately.

Source: U.S. Bureau of Labor Statistics, unpublished data.

No. 621. SCHOOL ENROLLMENT AND LABOR FORCE STATUS OF CIVILIANS 16 TO 24 YEARS OLD, BY SELECTED CHARACTERISTICS: 1980 AND 1986

[in thousands, except percent. As of October. Civilian noninstitutional population. Based on Current Population Survey; see text, section 1 and Appendix III]

	POPUL	ATION	CIVILIA	N LABOR F	ORCE	EMPL	OYED	U	EMPLOY	ED
CHARACTERISTIC				190	<b>16</b>			4000	18	<b>90</b>
	1906	1986	1980, total	Total	Per- cent <sup>1</sup>	1980	1985	1980, total	Total  8,600  9,756  218  528  528  5451  740  740  740  740  740  740  740  74	Rate
Total, 16 to 24 years 3	37,103	33,945	24,918	22,869	67.4	21,459	19,000	3,464	9,000	12.0
Enrolled in school <sup>a</sup>		15,317 10,733 4,584	7,454 4,836 2,618	7,426 4,701 2,725	48.5 43.8 59.4	6,438 4,029 2,405	6,449 3,943 2,508	1,021 607 214	758	13.1 16.1
Mele	7, <b>997</b> <b>7</b> ,716	7, <b>800</b> 7,517	3,825 3,629	3,730 3, <b>696</b>	47.8 49.2	3,259 3,179	3,205 3,245	5 <b>86</b> 455		14. 12.
College level	7,664 6,396	7, <b>602</b> 6,351	3,996 2,854	4,207 3,054	55.3 48.1	3,632 2,554	3, <b>825</b> 2,733	364 300		10.
White	13,242 6,586 6,678	12,581 6,163 6,417 2,082 1,243	6,690 3,096 3,592 596 294	6,527 2,811 3,716 652 327	51.9 45.6 57.9 31.6 26.3	5,892 2,579 3,310 406 174	5,787 2,382 3,408 449 180	798 517 282 169 120	740 430 310 202	11. 15. 8. 31.
College level	747	819	300	326	39.8	230	266	70		16.
Not enrolled <sup>a</sup>	21,390 18,103 2,664	18,628 15,499 2,892	17,464 15,121 2,055	15,443 13,105 2,006	82.9 84.5 74.5	15,021 13,318 1,451	13,540 11,807 1,439	2,443 1,803 694	1,903 1,296 567	12. 9.1 28.1
Percent of civilian noninstitutional not shown separately.	population	n. Pe	roent of c	ivilian lab	or force	in each ca	itegory.	* inclu	des othe	r races

Source: U.S. Bureau of Labor Statistics, Bulletin 2192 and unpublished data.

NO. 622. LABOR FORCE PARTICIPATION RATES, BY MARITAL STATUS, SEX, AND AGE: 1980 TO 1987

As of March. See table 610 for definition of participation rate. Includes male members of the Armed Forces living officest or with their families on post. Based on Current Population Survey; see text, section 1 and Appendix III]

72	AR AND MARITAL STATUS							PEMALE PARTICIPATION RATE							
		16-19 years	20-24 years	25-34 years	36-44 years	45-64 years	66 and over	16-19 years	20-24 years	25-34 years	35-44 years	45-64 years	65 an		
80:	Married 1	* 98.0	97.5	96.6	98.4	93.0	37.1	* 25.3	30.0	27.7	36.2	34.2	5.		
	Single		76.6	85.3	65.3	74.4	24.3	* 25.3	73.4	79.9	79.7	75.1	21.		
	Other *	(B)	88.6	82.3	64.1	78.1	18.2	* 37.3	54.6	55.5	67.4	58.3	11.		
re:	Married 1		95.0	98.2	88.1	91.6	30.2	36.0	47.4	39.3	47.2	44.1	7.		
	Single		89.0	66.2	82.3	66.6	21.0	39.5	71.1	80.7	73.3	67.8	17.		
	Other *		73.2	74.5	80.6	75.9	18.5	46.5	59.7	95.1	67.9	60.7	9.		
8:	Married 1	92.3	95.1	97.3	97.0	87.0	23.7	46.0	57.3	48.3	51.9	43.9	7.		
	Single		76.5	87.4	86.5	88.7	20.5	45.5	89.5	80.4	77.8	66.4	18.		
	Other *	(B)	94.7	92.4	89.3	69.4	18.0	41.9	66.1	67.5	69.4	80.4	8.		
10:	Married 1	97.3	96.8	97.5	97.0	64.8	20.4	47.7	80.5	59.3	62.5	45.9	7.		
	Single		79.6	87.3	79.9	65.2	20.0	49.0	72.2	64.2	78.5	62.8	12		
	Other *	(B)	92.9	93.8	91.1	89.9	13.0	51.0	86.5	77.1	76.4	59.5	8.		
<b>10</b> :	Married 1	92.7	95.7	97.3	97.2	82.1	19.1	48.6	63.0	82.5	85.4	47.6	7.		
	Single	49.9	77.6	88.4	81.8	89.6	23.9	46.0	72.6	83.6	81.1	65.1	12.		
	Other *	(8)	86.7	91.9	90.7	73.9	13.1	48.3	66.4	77.1	77.7	59.5	7.		
14:	Married 1	96.5	98.2	97.2	97.2	81.8	17.4	43.4	63.3	64.0	88.4	49.0	<b>7</b> .		
	Single	50.8	78.5	87.4	83.2	65.6	16.7	46.4	72.1	83.5	83.0	67.0	11.		
	Other *	(m)	91.6	90.7	92.8	71.8	12.6	53.6	71.3	76.5	79.6	61.0	7.		
	Married 1	90.9	95.7	97.4	95.7	81.6	17.5	49.2	64.9	65.6	88.1	50.6	ä.		
	Single	52.4	77.9	87.5	60.8	67.3	16.0	49.6	74.0	82.5	60.6	73.2	ă.		
	Other 9	(B)	96.8	92.8	92.1	72.8	12.7	50.9	88.5	76.9	60.6	60.7	7.		
	Married 1	91.8	96.8	97.3	96.3	81.8	17.3	52.9	63.1	86.4	69.0	50.4	7.		
	Single	50.8	80.7	96.3	64.5	61.4	17.8	50.1	75.0	81.1	79.6	89.3	8.		
	Other 1	(B)	93.9	93.1	80.1	71.7	13.0	50.6	71.0	78.4	82.6	61.7	7.		
<b>D</b> .	Married 1	90.4	96.7	97.2	66.2	82.2	17.4	42.8	67.4	67.5	71.7	51.3	اقا		
~∙,	Single	50.2	60.0	88.0	83.7	67.9	16.3	49.6	74.5	82.9	61.8	56.8	9.		
	Other *	(8)	90.6	92.9	91.1	73.1	11.1	51.5	67.2	77.1	83.0	61.9	7.		

B For 1980, percentage not shown where base is less than 100,000; beginning 1970, 75,000. 

Spouse present. 

14 to 9 years old. 

Wildowed, divorced, and married (spouse absent).

### No. 623. MARITAL STATUS OF WOMEN IN THE CIVILIAN LABOR FORCE: 1940 TO 1987

is of March, except as indicated. Persons 14 years old and over through 1995; 16 years old and over thereafter. Prior to 1990, excludes Alaska and Hawaii. Figures for 1940 based on complete cassus revised for comparability with intercensel series. Later data based on Current Population Survey; see text, section 1 and Appendix III. See also Historical Statistics, Colonial Times to 1970, series D 49-62]

		FEMAL	E LABOR ( (1,000)	FORCE			IT DISTRI		FEMA		R PORCE ALE POPU	AS PERCE LATION	ENT OF
YEAR			Max	rried	Wid			Wid-			Ma	rried	Wid- owed
	Total	Single	Total <sup>1</sup>	Hue- bend present	owed or di- vorced	Single	Mer- ried <sup>1</sup>	owed or di- vorced	Total	Single	Total 1	Hue- bend present	or di- vorced
140 144 * 147 * 160 166 *	16,323	6,710 7,542 6,181 5,621 5,087 5,401	5,040 8,433 7,545 9,273 11,839 13,485	4,200 6,226 6,676 8,560 10,423	2,090 2,474 2,597 2,901 3,227	48.5 40.9 37.9 31.6 25.2	36.4 45.7 46.2 52.1 58.7	15.1 13.4 15.9 16.3 16.0	27.4 35.0 29.8 31.4 33.5	46.1 58.6 51.2 50.5 46.4	16.7 25.8 21.4 24.8 29.4	14.7 21.7 20.0 23.8 27.7 30.5	32.0 35.7 34.6 38.0 38.0
166 169 170 171	25,952 29,895 31,233 31,778	5,912 6,501 6,965 7,220	16,154 19,100 19,799 20,034	12,253 14,708 17,596 18,377 18,573	3,629 3,866 4,297 4,489 4,524	24.0 22.8 21.7 22.3 22.7	59.9 62.2 63.9 63.4 63.0	16.1 15.0 14.4 14.3 14.2	34.8 38.7 41.6 42.6 42.5	44.1 40.5 51.2 53.0 52.8	31.7 35.7 40.4 41.4 41.4	34.7 39.6 40.8 40.8	35.7 35.8 36.2 35.7
772 773 774 775 776	33,132 34,195 35,708 36,981 38,399	7,543 7,636 8,362 8,599 9,282	20,845 21,487 22,202 23,037 23,643	19,336 19,951 20,541 21,360 21,814	4,744 4,870 5,144 5,345 5,474	22.8 22.9 23.4 23.2 24.2	82.9 62.8 62.2 82.3 61.6	14.3 14.2 14.4 14.5 14.3	43.7 44.2 45.3 46.0 46.8	55.0 55.9 57.4 57.0 59.2	42.2 42.8 43.8 45.1 45.8	41.5 42.2 43.1 44.4 45.1	37.2 36.7 37.8 37.7 37.3
977 978 979 980	40,063 41,747 43,844 44,934 46,415	9,702 10,487 11,304 11,242 11,828	24,429 24,976 28,073 26,828 27,536	22,661 23,136 24,223 24,800 25,460	5,922 6,284 6,467 6,864 7,251	24.2 25.1 25.8 25.0 25.0	61.0 59.8 59.5 59.7 59.3	14.8 15.1 14.8 15.3 15.8	48.0 49.2 50.8 51.1 52.0	59.2 60.7 82.9 61.5 62.3	47.2 46.1 49.9 50.7 51.7	46.6 47.5 49.3 50.1 51.0	39.0 39.9 40.0 41.0 41.9
162 162 164 165 160 167	47,095 47,779 49,240 50,891 51,732 52,960	11,801 12,282 12,581 12,925 13,127 13,454	27,843 28,140 26,883 29,755 30,274 31,282	25,756 26,227 26,855 27,718 28,197 29,159	7,451 7,357 7,775 8,211 8,332 8,224	25.1 25.7 25.6 25.4 25.4 25.4	59.1 58.9 58.7 58.5 58.5 59.1	15.8 15.4 15.8 16.1 16.1 15.5	52.1 52.3 53.2 54.5 54.7 55.4	62.2 62.6 83.1 65.2 65.3 66.1	51.8 52.3 53.3 54.7 55.0 56.1	51.2 51.8 52.8 54.2 54.8 55.8	42.1 41.2 42.1 42.8 43.1 42.9

<sup>&</sup>lt;sup>1</sup> Includes married, spouse absent. <sup>2</sup> As of April.

Source: U.S. Bureau of Labor Statistics, Bulletin 2006, and unpublished data.

Source: 1940-1955, U.S. Bureau of the Ceneue, *Current Population Reports*, series P-50. Beginning 1980, U.S. Bureau of Labor latetics, Bulletin 2093, and unpublished data.

No. 624. MARRIED, SEPARATED, AND DIVORCED WOMEN—LABOR FORCE STATUS, BY PRESENCE AND AGE OF CHILDREN: 1960 TO 1967

[As of March. For 1980, civilian noninstitutional persons 14 years old and over, thereafter 16 years old and over. Based on Current Population Survey; see text, section 1 and Appendix III]

		TOTAL		NO CHI	DREN U	IDER 18	CHILD	REN 6-17	ONLY	CHILL	OREN UNI	ER 6
ITEM	Mar- ried <sup>1</sup>	Sepa- rated	Di- vorced	Mer- ried <sup>1</sup>	Sepa- rated	Di- vorced	Mar- ried <sup>1</sup>	Sepa- rated	DI- vorced	Mer- ried <sup>1</sup>	Sepa- rated	Di- vorced
IN LABOR FORCE (mil.)												
1990	12.3 18.4 24.9 25.8 26.2 26.9 27.7 28.2 29.2	(NA) 1.4 1.9 2.1 1.9 2.0 2.0 2.1 2.1	(NA) 1.9 4.4 5.2 5.2 5.5 5.9 6.2 6.1	5.7 8.2 11.2 11.8 12.1 12.3 12.8 12.9 13.2	(NA) .7 .9 1.0 .8 .9 1.0	(NA) 1.1 2.3 2.7 2.8 3.0 3.3 3.5 3.4	4.1 6.3 8.4 8.3 8.3 8.5 8.6 9.0	(NA) .4 .6 .7 .6 .7 .7	(NA) .6 1.6 1.8 1.8 1.9 2.0 2.0	2.5 3.9 5.2 5.7 5.9 6.2 6.4 6.6 7.0	(w) -3 -4 -5 -5 -4 -4 -5 -4	(MA) .3 .5 .6 .6 .8 .7 .7
RATE <sup>2</sup> 1960	30.5 40.8 50.1 51.2 51.8 52.8 54.2 54.6 55.8	(NA) 52.1 59.4 60.0 58.7 60.9 61.3 62.2	(NA) 71.5 74.5 74.9 74.6 74.3 75.0 76.0 75.4	34.7 42.2 48.0 48.2 48.6 47.2 48.2 48.2 48.4	(NA) 52.3 56.9 57.5 55.6 59.1 60.0 60.4 57.9	(NA) 67.7 71.4 71.6 71.7 70.5 72.1 72.1 71.9	39.0 49.2 61.7 63.2 83.8 65.4 67.8 88.4 70.6	(NA) 60.6 68.3 88.4 88.7 70.1 70.9 70.8 72.8	(MA) 62.4 82.3 83.6 82.2 84.1 63.4 64.7	18.6 30.3 45.1 48.7 48.9 51.8 53.4 53.8	(MA) 45.4 52.2 56.2 53.8 53.9 53.2 57.4	(NA) 63.3 66.3 67.2 88.7 87.7 67.5 70.5
EMPLOYMENT (mil.)												
1960	11.6 17.5 23.6 23.9 24.3 26.3 28.1 26.7 27.8	(NA) 1.3 1.7 1.8 1.5 1.7 1.8 1.9	(NA) 1.8 4.2 4.7 4.7 5.0 5.4 5.7 5.7	5.4 7.9 10.7 11.1 11.4 11.7 12.2 12.3 12.7	(NA) .7 .8 .8 .7 .8 .9	(NA) 1.0 2.2 2.5 2.6 2.8 3.1 3.3 3.2	3.9 6.0 8.1 7.7 7.7 7.9 8.1 8.3 8.6	(NA) .4 .6 .6 .5 .6 .5	(NA) -5 1.5 1.7 1.5 1.7 1.8 1.9	2.3 3.6 4.8 5.1 5.2 5.7 5.9 8.1 8.5	(NA)	(NA) 2 5 5 5 5 5 5 8
UNEMPLOYMENT RATE <sup>3</sup>							1					
1960	5.4 4.8 5.3 7.1 7.2 5.7 5.7 5.4 4.5	(NA) 6.8 9.9 14.5 19.1 13.9 13.7 10.8 11.8	(NA) 5.4 6.4 8.9 10.2 8.6 7.7 7.5 6.8	4.8 3.3 4.5 5.7 5.7 4.6 4.7 4.6 3.5	(NA) 4.2 8.3 11.7 13.8 9.0 9.0 7.2 8.1	(NA) 4.7 4.5 7.6 7.1 6.6 6.2 6.1 5.9	4.9 4.8 4.4 7.0 6.7 5.0 5.5 4.8 4.9	(NA) 5.8 10.6 14.6 20.0 13.1 14.6 11.7	(NA) 6.5 6.7 9.2 12.8 9.7 9.0 8.2 6.1	7.8 7.9 8.3 10.1 10.9 8.9 8.0 7.6 5.9	(NA) 13.3 12.3 20.1 27.8 25.0 22.9 16.5 15.7	(NA) 5.2 13.6 13.5 16.8 14.3 12.1 12.9 13.8

NA Not available. I Husband present. Percent of women in each specific category in the labor force. Unemployed as a percent of civilian labor force in specified group.

## No. 625. Labor Force Participation Rates for Wives, Husband Present, by Age of Own Youngest Child: 1975 to 1987

[As of March. For civilian nonnstitutional population. 16 years old and over. Based on Current Population Survey; see text, section 1 and Appendix III]

		TO	TAL			WH	ITE	-	BLACK			
PRESENCE AND AGE OF CHILD	1975	1980	1985	1987	1975	1980	1985	1987	1975	1980	1985	1987
Wives, total No children under 18 With children under 18	44.5 44.0 44.9	50.2 46.0 54.3	54.3 48.2 61.0	55.8 48.4 63.9	43.7 43.5 43.9	49.3 45.5 53.2	<b>53.4</b> 47.5 60.0	54.9 47.9 62.8	54.3 47.7 58.8	<b>59.3</b> 51.2 65.6	64.2 56.1 71.5	65.6 53.2 76.1
Under 6, total. Under 3. 1 year or under. 2 years. 3 to 5 years. 3 years. 4 years. 5 years.		45.3 41.5 39.0 48.1 51.7 51.5 51.4 52.4	53.7 50.7 49.4 54.0 58.6 55.1 59.7 62.1	56.9 54.5 52.6 59.0 60.9 59.0 61.7 62.5	35.0 30.9 29.2 35.1 40.3 39.0 38.7 43.8	43.5 40.0 37.7 46.1 49.4 48.4 49.8 50.4	52.3 49.8 48.6 52.7 56.6 52.7 58.4 59.9	55.5 53.1 51.2 57.7 59.3 57.5 60.8 60.1	56.4 52.2 50.0 56.4 61.7 62.7 64.9 56.3	63.4 57.7 52.9 71.0 72.3 73.4 66.4 77.8	69.3 65.7 63.7 69.9 73.8 72.3 70.6 79.1	74.3 71.3 70.3 73.8 77.9 76.4 75.0 82.9
6 to 13 years	51,8 53.8	62.6 60.5	68.1 67.0	70.6 70.5	50,8 53.6	61.4 60.6	67.7 66.3	69.6 70.0	64.9 51.0	71.8 58.4	73.5 74.1	80.7 71.0

Source: U.S. Bureau of Labor Statistics, Monthly Labor Review, February 1986, and unpublished data.

Source: U.S. Bureau of Labor Statistics, Special Labor Force Reports, Nos. 13, 130, and 134, Bulletin 2163, and unpublished

### 3. 628. CIVILIAN EMPLOYMENT IN OCCUPATIONS WITH THE LARGEST JOB GROWTH AND IN THE FASTEST GROWING AND FASTEST DECLINING OCCUPATIONS: 1986 AND 2000

sessate, except percent. For occupations employing 100,000 or more in 1986. Includes wage and salary jobs, selfsyed and unpaid family members. Estimates based on the 1983 through 1996 Occupational Employment Statistics Surveys. source for methodological assumptions. Minus sign (—) denotes decrease]

		EMPLO	YMENT		PERC 1	986-200	NGE,
OCCUPATION			2000 i		1	Mod-	lon.
	1986	Low	Moder- ate	High	Low	erate	High
1 ·	111,623	126,432	133,030	137,533	13	19	
LARGEST JOB GROWTH 3		-	1				
rsons, retail	3,579	4,563	4,780	4,871	28	34	
and waitresses	1,702	2,360 1,951	2,454 2,018	2,503 2,077	39	44	
ed nurses	1,406	1,951	2,018	2,077	39	44	1.79
and cleaners 1	2,676	3,144	3,280	3,382	17	23	
managers and top executives	2,383 2,165 2,211	2,820	2,965	3,052 2,798	18 21	24 27 24	
ivers, light and heavy	2 211	2,616 2,599	2,736	2,811	18	24	
office clerks	2,361	2,688	2,824	2,916	14	20	
unter, fountain, and related workers	1,500	1,879	1,949	1,985	25	30	
aides, orderlies, and attendants	1,224 3,234	1,584	1,658 3,658	1,691	29	35	
ies	3,234	3,470 1,104	3,658	3,789	7	13	
ants and auditors	794 945	1,104	1,177	1,241	39 32	48 40	
or programmers	479	758	813	850	58	70	0
or programmers	479 949	1,227	1,273	1,300	29	34 20	
s, kindergarten and elementary	1,527	1,778	1,826	1,883	16	20	
onists and information clerks	682	913	964	997	34	41	
or systems analysts, EDP	331	544	582	607	64	76	
esteurant	520	727	759	778	40	46	
f practical nurses	631 767	835 964	1,005	1,033	32 26	38 31	
ance repairers, general utility	1,039	1,205	1,270	1,314	16	22	
erks, sales floor	1,087	1.255	1.312	1,333	15	22 21	
supervisors and managers	956	1,106	1,161	1,200	16	21	
oom, cafeteria attendants, barroom helpers	433	607 544	631	644	40	46	
and electronics engineers	401	544	592	616	36	48	11
hort order and fast food	527 591	676	718	748 788	28 27	36 31	
ers	1,010	1,134	775 1,192	1,252	12	18	10
	396	530	553	566	34	40	
managers	638	747	792	824	17	24 30	
nden and Indelna managers	509	628	663	685	24	30	
s, secondary schools	1,128	1,246	1,280	1,320	10	13	
and electronic technicians, technologists	313	428	459	473	37	46	
tate sales agents. er operators, exc. peripheral equipment	313 263	422 364	451 387	468 403	35 39	44 47 33	
orkers	365	468	485	500	28	33	
assistants	132	239	251	258	81	90	
g, advertising, pub. relations managers	323 170	402 258	427 272	444 282	25 51	90 32 60	
FASTEST GROWING	132	239	251	258		90	
ealth aides	138	236	249	258	81 71	80	
or systems analysts, EDP	331	544 758	582	607	64	76	-
orogrammers	479	758	813	850	58	70	
ic technologists and technicians sistants and technicians exc. clerical	115 170	183 258	190 272	196 282	58 51	65	
ssistants and technicians exc. ciencal	155	231	244	250	49	57	
	794	1.104	1,177	1,241	39	48	
and electronics engineers	401	544 364	592	616	36	48	
er operators, except peripheral equipment	263	364	387	403	39	47	100
ant cooks	520 433	727 607	759 631	778 644	40	46 46	
	433	007	931	044	40	40	
FASTEST DECLINING	5.8	100	100	100	1.5	12	-
I and electronic assemblers	249 426	105	116	119	-58 -38	-54 -34 -28	-
il truck and tractor operators	178	265 123	283 128	296 133	-38	- 34	1
<b></b>	1,182	810	850	871	-31	-28	
raw-out and winding machine operators 5	219	156	164	175	-28	-25	-
	940 400	705	750	779	-25	-20	-
try keyers, except composers and word processors		315	334	347	-21	-16	9
machine coordors cormon	1,002	820 526	862 541	892 567	-18	-14	-
machine operators, garment	633 126	101	112	115	-17 -20	-14	-
machine setters operators tenders							
machine setters, operators, tenders	400	334	362	367	-16	-10	

ed on low, moderate, or high trend assumptions. \*Includes other occupations, not shown separately. \*Based on rampleyment change 1985 to 2000. \*Includes maids and housekeepers. \*Includes banders.

t U.S. Bureau of Labor Statistics, Monthy Labor Review, September 1967.

No. 627. EMPLOYED PERSONS, BY SEX, RACE, AND OCCUPATION: 1986

[For civilian noninstitutional population 16 years old and over, Annual average of monthly figures. Based on Current Population Survey; see text, section 1 and Appendix III. Persons of Hispanic origin may be of any race]

OCCUPATION	Total	PER	CENT OF TO	TAL
OCCUPATION	employed (1,000)	Female	Black	Hispanio
Total	109,597	44.4	9.9	6.
Innenerial and professional specialty	26,554	43.4	6.0	9
lanagerial and professional specialty.  Executive, administrative, and managerial 1	12,642	36.8	5.2	3.
Officials and administrators, public	467	42.0	8.4	3.
Financial managers	409	38.4	3.0	4.
Financial managers	114	48.8	5.5	3.
Purchasing managers	100	29.4	4.1	3,
Managers, marketing, advertising and public relations	440	24.9	2.5	2.
Administrators, education and related fields	500	47.7	8.9	3.
Managers, medicine and health	127	62.2	8.1	2.
Management-related occupations	362	46.3	5.2 6.7	5.
Accountants and auditors	3,449 1,257	44.9	5.6	3.
Professional specialty 1	13,911	49.4	6.7	3.
Architects	132	9.7	3.2	4.
Engineers '	1,749	6.0	3.7	2
Electrical and electronic	550	6.9	4.2	2.
Mechanical	287	3.5	3.6	1.
Mathematical and computer scientists	631 385	36.2 34.4	7.2 6.6	2 2
	1500	1000		
Natural scientists  Health diagnosing occupations <sup>1</sup>	384	22.5	2.5	3
Health diagnosing occupations 1	728	15.0	3.3	3
Physicians	489	17.6	3.3	4
Dentists	132	4.4	5.5	2
Health assessment and treating occupations 1	2,026	85.3	7.0	2
Registered nurses Therapists	1,488 257	94.3 74.2	6.7 7.8	4
Tonobern pollogo and unbereits	639	36.0	4.0	3
Teachers, college and university	3,559	73.4	9.5	3
Prokindernarian and kindernarian	359	98.3	13.9	6
Elementary school	1,340	85.2	10.8	3
Secondary school	1,195	54.9	7.8	3
Counselors, educational and vocational	173	53.9	12.9	4
Librarians, archivists, and curators	212	82.9	7.4	1
Librarians	194	85.9	7.5	1
Social scientists and urban planners	312	46.0	5.5	2
Psychologists	165	52.5	6.8	3.
Social, recreation, and religious workers	911	46.9	12.5	5
Social workers	480	65.0	17.8	7
Lawyers and judges	650 1,781	18.1 45.0	3.0 5.2	1
Writers, artists, entertainers, and athletes	7.7	45.0		
schnical, sales, and administrative support	34,354 3,364	64.7 47.0	8.5 8.2	5
Technicians and related support  Health technologists and technicians	1,124	94.0	12.4	3
Licensed profited pures		84.1 97.5	17.2	3 2 5
Health technologists and technicians Licensed practical nurses Engineering and related technologists and technicians Electrical and electronic technicians Science technicians	417 937	17.7	6.3	1 5
Flactrical and electronic technicisms	328	12.6	7.0	1
Science technicians	208	27.9	7.0	4
Science technicians. Technicians, except health, engineering, and science	1,095	37.6	5.8	3
Computer programmers	549	34.0	5.9	2
Sales occupations	13,245	48.2	5.7	4
Supervisors and proprietors	3,493 2,255	30.5	4.0	4
Sales representatives, finance and business services 1		41.5	3.9	3
Insurance sales	562	28.7	5.8	3
Real estate sales	737	50.6	2.1	3
Securities and financial services sales. Sales representatives, commodites, except retail	283	24.5	3.1	2
sales representatives, commodities, except retail	1,505	18.3	2.2	3
Cashiers.	5,927 2,310	68.6 82.9	8.2 12.3	6
Sales-related occupations	65	64.6	4.6	6
Administrative support, including clerical.	17,745	80.4	10.7	5
Supervisors	727	59.3 68.5	10.8	5
Computer equipment operators.	859 853	68.5	14.0	6
Secretaries, stenographers, and typists 1	4,940	98.2	8.5	5
Secretaries	4,023	99.0	6.9	9
Typists	870	95.2	16.3	8
Information clerks	1,326	89.7	8.4	6
Receptionists	724	97.1	7.4	6
Records processing occupations, except financial	845	81.4	14.4	7
File clerks	311	84.5	17.6	7 9
Financial records processing	2,473	90.8	5.4	4
Bookkeepers, accounting, and auditing clerks	2,007	91.8	4.1	3

See footnotes at end of table.

# NO. 627. EMPLOYED PERSONS, BY SEX, RACE, AND OCCUPATION: 1986—Continued [See headnote, page 376]

OCCUPATION	Total employed	PER	CENT OF TO	TAL
- Coop Arton	employed (1,000)	Female	Black	Hispani
Technical, sales, and administrative support—Con. Administrative support, including clerical—Con. Duplicating, mail and other office machine operators				-
Administrative support, including clerical—Con.		1		
Duplicating, mail and other office machine operators	77	61.9	16.9	7
Communications equipment operators.	230 220	87.4	17.5	7 5
Telephone operators	903	87.9 34.4	17.4	5
Mail and message distributing occupations	299	43.5	29.8	6 7 8
Postal clerks, except mail carriers  Material recording, scheduling, and distributing clerks	1,639	39.5	11.8	é
Adjusters and investigators. Miscellaneous administrative support 1 General office clerks.	824	723	11.1	5
Miscellaneous administrative support 1	2,902	84.9	13,4	6
Bank tellers	740 482	80.5 91.8	13.0	6
Data entry keyers	343		19.6	8
Data entry keyers	381	91.1	17.9	10
ATT VELLET		100		
ervice occupations Private household 1	14,680	60.7	16.9	
Child care workers	981	96.0	23.9	12
Cleaners and servants	527	97.4 95.3	8.3 35.5	17
Protective service 1	1,787	12.4	15.0	1
Firefighting and fire prevention Police and detectives	218	2.2	7.3	
Police and detectives	666	10.9	14.6	
Guards	741	18.4	19.0	
Service except private household and protective	11,913	65.0 62.8	16.6	
Food preparation and service occupations 1  Bartenders	5,127	48.8	12.1	
Waiters and waitresses	1,403	85.1	5.1	1
Cooks, except short order	1,563	50.6	17.2	
Short-order cooks	111	36.8	22.6	
Food counter, fountain, and related occupations	340	78.5	12.6	
Kitchen workers, food preparation	126 332	76.3 39.2	18.2 15.1	1
Health service occupations	1,823	89.9	25.1	1 7
Dental assistants	167	99.0	4.2	
Health aides, except nursing	357	83.4	18.8	100
Health aides, except nursing  Nursing aides, orderlies, and attendants  Cleaning and building service occupations <sup>1</sup>	1,299	90.5	29.5	3
Cleaning and building service occupations 1	2,861	41.5	23.8	12
Maids and housemen	583	84.8 30.9	29.8 22.9	13
Personal service occupations 1	2,075	80.0	10.3	1
Barbara	2,101	16.6	9.6	i
Hairdressers and cosmetologists	719	88.8	7.3 8.3 7.3	
Attendants, amusement and recreation facilities	121	43.1	8.3	
Hairdressers and cosmetologists	71	77.1	7.3	
Welfare service aides	87 762	91.7 96.5	22.5 11.4	13
	1	1.5		
Mechanics and repairers	13,405	8.6 3.5	7.5 7.3	
Mechanics and renairors except supervisors 1	4,127	3.2	7.4	
Vehicle and mobile equipment mechanics and repairers	1,787	1.0	7.4 6.7	
Mechanics and repairers, except supervisors <sup>1</sup> .  Vehicle and mobile equipment mechanics and repairers.  Automobile mechanics.	871	1.0	7.6	
Electrical and electronic equipment repairers	710	9.0	7.9	1
Telephone installers and repairers	228	13.3	8.1 7.1	
Construction trades, except supervisors.	4,924 4,309	2.0	7.1	
Carpenters	1,327	1.4	5.3	1
Extractive occupations	171	2.4	3.7	1
Extractive occupations Precision production occupations	3,936	22.8	8.5	1
		1.23		
perators, fabricators, and laborers	17,160	25.4	15.1	1
Operators, fabricators, and laborers Machine operators, assemblers, and inspectors  Textile, apparel, and furnishings machine operators	7,911	40.3 79.8	14.7 21.4	1
Textile sewing machine operators.	737	90.6	17.1	2
Textile sewing machine operators  Pressing machine operators  Fabricators, assemblers, and hand working occupations	136	71.9	33.7	1
Fabricators, assemblers, and hand working occupations	1,849	32.4	12.7	1
Production inspectors, testers, samplers, and weighers Transportation and material moving occupations.	817	49.6	13.6	3
Transportation and material moving occupations	4,564 3,380	8.9	14.0	
Motor vehicle operators	2,452	10.8	14.8	
Transportation occupations, except motor vehicles	203	2.1	3.9	
Material moving equipment operators	203 981	3.6	3.9 13.6	
Trucks, heavy and light Transportation occupations, except motor vehicles. Material moving equipment operators Industrial truck and tractor operators. Handlers, equipment cleaners, helpers, and laborers <sup>1</sup> Freight, stock, and material handlers.	386	5.0	19.4	1
Handlers, equipment cleaners, helpers, and laborers 1	4,685	16.3	16.6	10
Freight, stock, and material handlers	1,713	15.8 17.7	17.0	
	100000000000000000000000000000000000000	100	1217	
Farming, forestry, and flahing. Farm operators and managers Other agricultural and related occupations	1,337	15.9	6.5	10
Other agricultural and related occupations	1,917	14.1	9.7	1
Farm workers Forestry and logging occupations. Fishers, hunters, and trappers	940	23.6	8.6	2
Constitution and Income and Income	112	4.4	16.8	,
Porestry and logging occupations		9.0	(Z)	

Z Less than .05 percent. Includes other occupations, not shown separately.
Source: U.S. Bureau of Labor Statistics, Employment and Earnings, January 1987.

# NO. 628. EMPLOYED CIVILIANS BY OCCUPATIONAL GROUP, SEX, RACE, AND EDUCATIONAL ATTAINMENT: 1987

[As of March. For civilian noninstitutional population 25 years old and over. Based on Current Population Survey; see text, sec 1 and Appendix III]

SEX, RACE, AND YEARS OF SCHOOL COMPLETED	Total employed	Mane- gerial/ profes- sional	Tech./ sales/ adminis- trative	Service 1	Precision produc- tion <sup>8</sup>	Operators fabrica- tors <sup>3</sup>	Farr fore flei
NUMBER (1,000)							
fele, totak							ł
Less than 4 years of high school	8,306	476	703	943	2,350	3,050	1
4 years of high school only 1 to 3 years of college	18,551 9,539	2,120 2,352	3,453 2,810	1,784 937	5,534 1,905	4,601 1,277	l
A years of college or more	14,166	9,470	3,058	437	627	403	1
1 to 3 years of college	14,155	5,470	0,000				i
Less than 4 years of high school	6,975	431	610	701	2,068	2,453	l
4 years of high achool only	16,367	1,980	3,108	1,388	5,008	4,010	
1 to 3 years of college	8,417	2,164	2,491	748	1,732	1,043	
4 years of college or more	12,875	8,717	2,767	366	542	320	
Black: Less then 4 years of high school	1,154	26	86	193	233	536	i
4 years of high school only	1.823	107	273	325	356	712	
1 to 3 years of college	822	137	213	144	122	196	
4 years of college or more	825	354	135	46	45	41	
emale, total:	i				1		
Less than 4 years of high school	4,932	245	1,033	1,973	228	1,327	
4 years of high school only	17,536	2,190	9,392	3,361	5:2	1,876	
1 to 3 years of college	8,344	2,345	4,569	919	136	311	
4 years of college or more	9,315	6,392	2,357	331	87	119	1
Less then 4 years of high school	3,604	223	906	1,337	189	1.038	
4 years of high school only	15,279	2.022	8,497	2.675	441	1.489	
1 to 3 years of college	7.096	2.075	3.865	752	109	234	
4 years of college or more	8,097	5,639	1,996	267	78	85	
Black:					l		
Less than 4 years of high school	948	13	113	568	24	219	
4 years of high school only	1,886	130	766	577	59	348	l
1 to 3 years of college	992 716	200 484	574 1 <b>64</b>	127 31	21 6	69	l
PERCENT DISTRIBUTION	/.0	***		3.		"	l
lele, total:							
Less then 4 years of high school	100.0	5.7	8.5	11.4	28.3	38.7	
4 years of high school only	100.0	11.4	18.6	9.6	29.8	25.9	
	100.0	24.7	29.5	9.8	20.0	13.4	1
4 years of college or more	100.0	86.9	21.6	3.1	4.4	2.8	
Less then 4 years of high school	100.0	6.2	8.7	10.1	29.9	35.2	l
4 years of high school only	100.0 100.0	12.1 25.7	19.0	8.5	31.1 20.5	24.5 12.4	
1 to 3 years of college	100.0	67.7	29.6 21.5	8.9 2.8	4.2	2.5	
4 years of college or more Black:		07.7	21.5	2.0	7.2	2.5	
Less than 4 years of high school	100.0	2.2	7.4	16.7	20.2	48.5	
4 years of high school only	100.0	5.9	15.0	17.8	19.5	39.0	1
1 to 3 years of college	100.0	16.7	25.9	17.5	14.9	23.9	ĺ
4 years of college or more	100.0	56.6	21.6	7.4	7.2	6.6	
emale, total:	1	1			1		
Less then 4 years of high school	100.0	5.0	20.9	40.0	4.6	28.9	1
4 years of high school only	100.0	12.5	53.5	19.2	3.0	10.7	l
1 to 3 years of college	100.0	28.1	54.8	11.0	1.6	3.7	
4 years of college or more	100.0	68.6	25.3	3.6	.9	1.3	
					1		l
Less than 4 years of high school	100.0	5.9	23.8	35.1	5.0	27.3	ŀ
4 years of high school only	100.0	13.2	55.6	17.5	2.9	9.6	ı
	100.0 100.0	29.2 69.7	54.4	10.6	1.5	3.3	ı
4 years of college or more	100.0	00./	24.7	3.3	1.0	1.1	ı
Less than 4 years of high school	100.0	1.4	11.9	59.9	2.5	23.1	i
4 years of high school only	100.0	6.9	40.7	30.8	3.1	18.5	1
				1 777			
1 to 3 years of college	100.0	20.2	57.9	12.8	2.1	7.0 1.5	1

Represents zero. <sup>1</sup> includes private household workers. <sup>2</sup> includes craft and repair. <sup>2</sup> includes laborers.
 Souroe: U.S. Bureau of Labor Statistics, unpublished data.

### B. OCCUPATIONS OF EMPLOYED CIVILIANS, BY SEX AND EDUCATIONAL ATTAINMENT: 1987

i. For civilian noninstitutional population 25 years old and over. Based on Current Population Survey; see text, section if and Appendix III]

ears of high school	тот	TOTAL <sup>4</sup>		PROFES- SIONAL		TECHNICAL/ SALES/ ADMINISTRA- TIVE		SERVICE 2		PRECISION PRODUC- TION <sup>3</sup>		OPERA- TORS/ FABRICA- TORS 4	
	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	
BER (1,000)							10						
***************************************	50,562	40,130	14,419	11,171	10,022	17,350	4,102	6,582	10,415	983	9,530	3,633	
ears of high school h school only of college lege or more	18,551 9,539	4,932 17,538 8,344 9,315	476 2,120 2,352 9,470	245 2,190 2,345 6,392	703 3,453 2,810 3,058	1,033 9,392 4,569 2,357	943 1,784 937 437	1,973 3,361 919 331	2,350 5,534 1,905 627	228 532 136 87	3,050 4,801 1,277 403	1,327 1,876 311 119	
T DISTRIBUTION	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
ears of high school th school only of college	16.4 36.7 18.7 28.0	12.3 43.7 20.8 23.2	3.3 14.7 16.3 65.7	2.2 19.6 21.0 57.2	7.0 34.4 28.0 30.5	6.0 54.1 26.3 13.6	23.0 43.5 22.8 10.7	30.0 51.0 14.0 5.0	22.6 53.1 18.3 6.0	23.2 54.1 13.8 8.9	32.0 50.4 13.4 4.2	36.5 51.6 8.6 3.3	

other occupations not shown separately. Includes private household workers. Includes craft and repair.

. EMPLOYMENT, BY INDUSTRY, 1970 TO 1986, AND BY SELECTED CHARACTERISTICS, 1986

s, except percent. For civilian noninstitutional population 16 years old and over. Annual everages of monthly figures. Aurent Population Survey; see text, section 1 and Appendix III. Data from 1984 forward not strictly comparable with a due to changes in industrial classification]

							19	86	
INDUSTRY	1970	1975	1980	1984	1985	0.0	i di	Percer	it
		1				Total	Fe- male	Black	His- panic 1
imployed	78,678	85,846	99,303	105,005	107,150	109,597	44.4	9.9	6.6
	3,463	3,408	3.364	3,321	3,179	3,163	20.6	4.9	10.4
		752	979	957	939	880	16.3	3.7	6.9
		5.093	6.215	6.665	6.987	7,288	8.6	6.8	7.2
I have no have no section to the section of the sec		19,457	21,942	20,995	20,879	20,962	32.1	10.1	7.9
n, communication, and other	20,140	10,451	21,072	20,000	20,072	20,002		10.1	,,,,,
DS	5,320	5,692	6,525	7.358	7.548	7,650	27.4	13.1	5.8
d retail trade	15,008	17,713	20,191	21,979	22,296	22,813	47.4	7.B	6.7
trade	2,672	3.382	3.920	4.212	4.341	4.416	28.6	6.1	6.4
		14,331	16,270	17,767	17,955	18.397	52.0	8.2	6.8
rance, real estate	3,945	4,735	5,993	6,750	7.005	7,401	59.2	7.8	5.2
d other finances	1,697	1,951	2.568	3.032	3,135	3,263	64.9	7.8	5.0
u durer intances	1,097						54.7	7.7	5.4
ind real estate	2,248	2,783	3,425	3,720	3,870	4,137	54./	1.1	0.4
***************************************	20,385	24,174	28,752	32,214	33,322	34,337	61.6	11.5	5.9
prvices 2	1,403	1,695	2,361	3,629	3,999	4,306	49.3	10.9	6.2
19	147	154	191	244	263	270	54.1	4.1	4.9
to dwellings and buildings	(NA)	274	370	571	571	601	44.3	18.6	14.2
I supply services	(NA)	125	235	467	590	618	75.1	20.0	5.7
management/consulting	(NA)	194	307	372	395	446	50.7	6.0	2.1
r and data processing	(NA)	108	221	456	549	610	41.6	5.1	2.2
/protective services	(NA)	172	213	311	318	335	19.7	18.4	7.9
services	600	711	952	1,186	1,322	1,280	11.6	7.4	11.0
prvices 1	4,276	3,772	3.839	4,174	4,352	4,472	73.0	15.3	9.6
ouseholds	1.782	1,392	1.257	1.243	1.254	1,241	85.2	23.5	12.0
nd lodging places		996	1.149	1.347	1.451	1,523	66.2	14.2	11.0
ent and recreation		865	1.047	1,260	1,278	1.292	40.8	9.3	5.4
al and related services 2		16,573	19.853	21,174	21,563	22,174	67.4	11.4	4.8
lamenta de la constantina della constantina della constantina della constantina della constantina della constantina della constantina della constantina della constantina della constantina della constantina della constantina della constantina della constantina della constantina della constantina della constantina della constantina della constantina della constantina dell		3,441	4.036	4.288	4.269	4.368	76.5	15.8	5.3
irvices		2,505	3.345	3,646	3,641	3,761	77.1	11.1	4.4
iry, secondary schools	1.4	1 5.077	5,550	5,347	5,431	5,510	71.9	12.0	4.9
and universities	6,126	1.852	2,108	2,209	2.281	2.342	51.0	9.6	4.1
rvices		1,247	1.590	1.595	1.682	1,805	77.8	16.6	6.5
vices		541	776	938	995	1.034	55.8	4.4	3.9
stration 3		4.824	5,342	4.766	4.995	5,104	41.4	14.3	5.1
DU GUATIT - Server reconstitute de la co	4,470	4,824	0,342	4,700	4,985	0,104	41.4	14.3	5.1

vallable. 

Hispanic persons may be of any race.

Includes industries not shown separately.

Includes vad in uniquely governmental activities, e.g., judicial and legislative.

<sup>3.</sup> Bureau of Labor Statistics, unpublished data.

<sup>3.</sup> Bureau of Labor Statistics, Employment and Earnings, January issues.

### No. 631. EMPLOYMENT BY SELECTED INDUSTRY, 1970 TO 1986, AND PROJECTIONS, 2000

[In thousands, except percent. Figures may differ from those in other tables since these data exclude establishments no elsewhere classified (SiC 99); in addition, agriculture services (SiC 074, 5, 8) are included in agriculture, not services. See source for details]

010.1	The state of the s		EMPLO	YMENT			F CHANG	
SIC 1 code	INDUSTRY	1970	1980	1986	2000°	1970- 1980	1980- 1986	1986
(x)	Total	81,664	102,019	111,623	133,029	2.3	1.5	
(x)	Nonfarm wage and salary	70,725	90,043	99,044	119,156	2.4	1.6	1
(x)	Goods-producing (excluding agriculture)	23,578	25,659	24,681	24,678	.8	6	
10-14 15-17	Mining	623 3,588	1,027	783 4,904	724 5,794	5.1	-4.4	1
		3,500	4,540	4,004	3,754	1.0	2.0	
20-39	Manufacturing	19,367	20,286	18,994	18,160	.5	-1.1	-
24, 25, 32-39	Durable	11,210	12,188	11,244	10,731	.8	-1.3	-
24 25	Lumber and wood products Furniture and fixtures	646 440	691 465	711 497	693 563	.7	1.1	-
32	Stone clay and place products	644	662	586	535	3	-2.0	
33	Primary metal industries	1,260	1,142	753	574	-1.0	-6.7	(3)
331	Stone, clay, and glass products Primary metal industries	1 220	100		15.5	1 65	100	
	ucts	627	512	275	202	-2.0	-9.8	-2
34	Fabricated metal products	1,560	1,613 2,494	1,433	1,313	2.3	-2.0	-
3573	Electronic computing equipment	194	354	418	2,129	6.2	2.8	1
36	Electrical and electronic equipment 3	1,871	2,091	2,124	2,128	1.1	.3	
3662	Machinery, except electrical  Electronic computing equipment a  Electronic and electronic equipment a  Radio and TV communication equip-	11000	7	100	0.00	7 5		
0074	ment	362	378	505	542	A	4.9	
3674	Semiconductors and related devices	(NA) 1,852	1,900	268 2,016	289 1,697	(NA)	1.0	-
371	Transportation equipment	799	788	865	749	1	1.6	1
38	instruments and related products	527	712	707	771	3.1	1	
39	Instruments and related products Miscellaneous manufacturing	426	418	362	329	2	-2.4	-
0-23, 26-31	Nondurable Food and kindred products	8,157	8,098	7,750	7,429	-51	7	-
20	Food and kindred products	1,786	1,708	1,617	1,456	-,4	9	3
22	Tobacco manufactures	974	847	706	607	-1.8	-3.0	=
23	Apparel and other textile products. Paper and allied products. Printing and publishing. Chemicals and allied products.	1,364	1,264	1,105	924	8	-2.2	1 3
26	Paper and allied products	705	693	675	655	2	4	-
27	Printing and publishing	1,104	1,252	1,458	1,706	1.3	2.6	119
28	Chemicals and allied products	1,049	1,107	1,023	950	.5	-1.3	1 5
29 30	Petroleum and coal products	192	198	169	127	.3	-2.6	-2
30	products  Leather and leather products  Sevice-producing.  Transportation and public utilities.  Transportation.  Communications Dublic utilities.	580	727	789	861	2.3	1.4	
31	Leather and leather products	320	233	152	98	-3.1	-6.9	-3
(x)	Service-producing	47,147	64,384	74,363	94,478	3.2	2.4	1
0-42, 44-49	Transportation and public utilities	4,517	5,146 2,962	5,244	5,719	1.3	.3	1
0-42, 44-47	Communication	2,696 1,130	1,357	3,041	3,500	1.8	-1.0	1
49	Public utilities	691	827	924	998	1.8	1.9	-
50-51	Wholesale trade	3.993	5,275	5,735	7,266	2.8	1.4	
52-59	Retail trade	11,048	15,035	17.845	22,702	3.1	2.9	1.0
58	Eating and drinking places Finance, insurance, and real estate	2,575	4,626	5,879	8,365	6.0	4.1	
60-67 70-86, 89	Services 3	3,646	5,159 17,528	6,297	7,917 32,545	3.5	3.4 4.3	
70-30, 35	Hotels and other lodging places	(NA)	1,076	1,401	1,971	(NA)	4.5	
72	Personal services Business services 3	989	901	1,104	1,357	9	3.4	1
73	Business services 3	1,676	3,092	4,781	8,121	6.3	7.5	1
734	Services to dwellings and other	444						
736	Personnel supply services	295 (NA)	495 563	1,017	1,020 1,851	5.3 (NA)	10.4	1
737	Computer and data processing	(MA)	303	1,017	1	hen	10.4	11.0
	services	(NA)	304	591	1,203	(NA)	11.7	
7391, 2, 7	Research, management, and	100 61	1 35.3		100	100	I NIEE	
-	consulting services	(NA)	539	788	1,301	(NA)	6.5	3
79 80	Amusement and recreation services Health services	468 3,053	764 5,278	915 6,551	9,774	5.0 5.6	3.1	1
801-4	Offices of health practitioners	(NA)	1,211	1,672	3.061	(NA)	5.5	
805	Nursing and personal care facilities	(NA)	997	1,250	3,061 2,097	(NA)	3.8	1
806	Hospitals, private Outpatient facilities and health serv-	1,863	2,750	3,038	3,513	4.0	1.7	
807-9	Outpatient facilities and health serv-	600	200	204		6.45	10.7	
81	ices, n.e.c. <sup>4</sup>	(NA) 236	320 498	591 748	1,103	(NA) 7.8	10.7	1
82	Educational services	940	1,138	1,428	1,620	1.9	3.9	
83, 4, 6, 9	Educational services Social, membership, and miscellaneous		1.00	1000	A 500	1000	1 7 7	
	Services	(NA) 12,553	3,704	4,296	5,569	(NA)	2.5	1
(x)	Government	12,553	16,241	16,711	18,329	2.6	.5	
(x)	Federal government	2,731 9,822	2,866	2,899	3,000 15,329	3.1	.5	
1, 2, 7, 8, 9	Agriculture	3,506	13,375	13,812	2,917	2	8	-
88	Private households	1,794	3,426 1,256	1,241	1,215	-3.5	-,2	1 2
(x)	Private households Nontarm self-employed and unpaid family	1 10 10 10	100000	100	100	1.63		/
	workers	5,639	7,294	8,086	9,741	2.6	1.7	100

Represents or rounds to zero. NA Not available. X Not applicable. 
 <sup>1</sup> Standard industrial Classification; see text section 13. 
 <sup>2</sup> Projections based on assumptions of moderate growth; see source for details.
 <sup>3</sup> Includes other industries, not shown separately. 
 <sup>4</sup> N.e.c. means not elsewhere classified.

Source: U.S. Bureau of Labor Statistics, Monthly Labor Review, September 1967.

NO. 632. UNEMPLOYED WORKERS-SUMMARY: 1972 TO 1986

ide, except as indicated. For civilian noninstitutional population 16 years old and over. Annual everages of monitrly or data on unemployment insurance, see table 581. See also Historical Statistics, Colonial Times to 1970, series D 87-

Version   Vers	A AND CHARACTERISTIC	1972	1975	1980	1981	1982	1982	1904	1900	1900
Terror Sime lost   Speciary   15.59   17.99   10.877   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878   10.878										
1,000		4,862	7,929	7,637	8,273	10,678	10,717	8,630		<b>8,237</b> 7.9
2,259   4,442   4,247   4,577   6,179   6,290   4,744   4,527   4,597   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,591   4,59	- · · ·							1.400		
2.859   4.442   4.267   4.577   6.176   6.259   4.744   4.527   4.577   6.176   6.259   6.254   6.064   7.711   966   913   962   1.060   1.003   812   806   7.711   966   913   962   1.060   1.003   812   806   7.711   966   913   962   1.060   1.003   812   806   7.711   966   913   962   1.060   1.003   812   806   7.711   966   913   962   1.060   1.003   812   806   7.711   966   913   962   1.060   1.003   812   806   7.711   966   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   960   961   960   961   960   961   960   961   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960	old	1,132	1,865	1.835	1,976	2,392	2,330	1,838	1,738	1,651
2.859   4.442   4.267   4.577   6.176   6.259   4.744   4.527   4.577   6.176   6.259   6.254   6.064   7.711   966   913   962   1.060   1.003   812   806   7.711   966   913   962   1.060   1.003   812   806   7.711   966   913   962   1.060   1.003   812   806   7.711   966   913   962   1.060   1.003   812   806   7.711   966   913   962   1.060   1.003   812   806   7.711   966   913   962   1.060   1.003   812   806   7.711   966   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   961   960   960   961   960   961   960   961   960   961   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960   960	old	1,454 878	2,727 1,413	2,964 1,075	3,276 1 150	4,589 1,813	4,728 1,716	3,709	3,681 1,331	3,761 1,279
m odd. 750 1,493 1,819 1,785 2,970 2,786 2,000 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2	d over	111	155	94	96			97	93	91
m odd. 750 1,493 1,819 1,785 2,970 2,786 2,000 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2	***************************************	2,659	4,442	4,267	4,577	6,179	6,260	4,744	4,521	4,530
m odd. 750 1,493 1,819 1,785 2,970 2,786 2,000 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 1,960 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2,060 2	urs old	711 628	1 061	913	962	1,090	1,003	1 023	806	779
		750	1,493	1,619	1,766	2,670	2,769	2,050	1,960	2,064
	and over	490 73	103	58	55 55	943	1,046	53	7 <del>00</del>	741 58
ms odd		2 222	2.488	2 270	2.006	4 400		9 704	2 701	2 707
ms odd	re old	598	802	755	800	886	825	687	681	675
mis dow	ra old	503 706		760 1.345		985 1,919	1.958	815 1.659	1.732	752 1.708
	ITS OID	376	612	473	598	670	671	589	500	539
Book   1,389   1,563   1,731   2,142   2,272   1,914   1,804   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844			-							
Book   1,389   1,563   1,731   2,142   2,272   1,914   1,804   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844   1,844	ra cid	3,806	6,421 1,413	5,884	6,343 1,374	8,241 1,534	6,128 1,387	6,372	6,191	6,140 1,070
(NA)   508   620   678   929   961   800   811   85	rs old	687	1,474	1,364	1,449	1,770	1,678	1,282		1,149
(NA)   508   620   678   929   961   800   811   85	Marie 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					2,142	2,272	1,914	1,864	1,840
(NA)   508   620   678   929   961   800   811   85	rs old		330	343		396	392	363	357	347
Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name   Name										
Section   1,077   1,408   1,369   1,477   1,672   1,842   1,481   1,519   1,62	**************************************	,,,,								
	rkers		6,523	6,260						6,709
S.6   S.5   7.1   7.8   9.7   9.8   7.8   7.2   7.2   7.3   0.6d   10.2   19.9   17.8   19.6   23.2   22.4   18.9   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.6   18.		.,	1,400	.,	1,477	1,012	1,042	.,	.,510	1,020
citd         4.1         8.9         8.0         6.3         8.6         8.5         6.4         6.2         4.5         4.6         4.5         4.6         4.5         4.6         4.5         4.6         4.5         4.6         4.5         4.8         4.5         4.6         4.5         4.8         4.5         4.6         3.0         3.7         3.0         5.8         5.9         4.8         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.8         4.5         4.8         4.5         4.8         4.5         4.8         4.5         4.9         4.8         4.2         4.8         4.5         4.9         4.8         4.8         4.5         4.8 <td>LOYMENT RATE (percent)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	LOYMENT RATE (percent)									
citd         4.1         8.9         8.0         6.3         8.6         8.5         6.4         6.2         4.5         4.6         4.5         4.6         4.5         4.6         4.5         4.6         4.5         4.6         4.5         4.8         4.5         4.6         4.5         4.8         4.5         4.6         3.0         3.7         3.0         5.8         5.9         4.8         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.5         4.8         4.5         4.8         4.5         4.8         4.5         4.8         4.5         4.9         4.8         4.2         4.8         4.5         4.9         4.8         4.8         4.5         4.8 <td>old</td> <td>16.2</td> <td>199</td> <td>7.1 17.8</td> <td>7.8 19.6</td> <td>9.7 23.2</td> <td>224</td> <td>7.6 18.0</td> <td>7.2 18.6</td> <td>7.6 18.3</td>	old	16.2	199	7.1 17.8	7.8 19.6	9.7 23.2	224	7.6 18.0	7.2 18.6	7.6 18.3
ckd         3.1         5.0         3.7         4.0         5.8         5.9         4.8         4.5         4.6         december         3.6         5.2         3.1         3.2         3.5         3.7         3.3         3.2         3.3         3.2         3.3         3.2         3.3         3.2         3.3         3.2         3.3         3.2         3.3         3.2         3.3         3.2         3.3         3.2         3.3         3.2         3.3         1.5         19.2         18.4         23.3         19.6         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.6         19.5         19.5         19.6         19.5         19.5         19.6         19.5         19.5         19.6         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.5         19.5	old	9.3	13.6	11.5	12.3	14.9	14.5	11.5	11.1	10.7
3.6   5.2   3.1   3.2   3.5   3.7   3.3   3.2   3.5   3.7   3.3   3.2   3.5   3.7   3.3   3.2   3.5   3.7   3.3   3.2   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.6   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5   3.5	cid	3.1	5.0	8.0 3.7	4.0	8.6 5.8	5.9	4.8	4.5	6.1 4.3
ra old	1 over	3.6	5.2	3.1	3.2	3.5	3.7	3.3	3.2	3.0
ra old		5.0		8.9	7.4	9.9	9.9	7.4	7.0	6.9
ra old	in old	15.9 9.3	20.1 14.3	16.3 12.5	20.1 13.2	24.4 16.4	23.3 15.9	19.6 11.9	19.5 11.4	19.0 11.0
8.6   9.3   7.4   7.9   9.4   9.2   7.6   7.4   7.9   7.9   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0	rs old	3.3	6.1	5.6	6.0	8.7	8.8	6.3	5.9	6.0
8.6   9.3   7.4   7.9   9.4   9.2   7.6   7.4   7.9   7.9   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0   7.0	and over	3.6	5.4	3.5	2.9	3.7	3.9	3.0	3.1	3.2
re old.   18.7   19.7   17.2   19.0   21.3   18.0   17.6   17.7   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0   17.0		88	9.3	7.4	7.9	0.4		76	7.4	71
State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   Stat	rs old	16.7	19.7	17.2	19.0	21.9	213	18.0	17.6	17.6
State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   Stat	re old					13.2 8.3	12.9 8.2	10.9 8.6		10.3
1.76   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78   1.78	rs old	3.5	5.6	4.0	4.3	5.8	5.6	4.9	4.6	4.2
18.3   24.5   23.8   28.4   30.5   31.4   26.1   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5										
18.3   24.5   23.8   28.4   30.5   31.4   26.1   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5	rs old		17.9	15.5	17.3	20.4	19.3	16.0	15.7	15.6
18.3   24.5   23.8   28.4   30.5   31.4   26.1   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5   24.5	rs old		12.3		10.4		12.1		9.2	8.7 14.5
(NA) 12.2 10.1 10.4 13.8 13.7 10.7 10.5 10.4 workers 5 5.3 8.2 6.9 7.3 9.3 9.2 7.1 6.8 8.4 ntaining families 7.2 10.0 9.2 10.4 11.7 12.2 10.3 10.4 9.1 5.6 8.5 7.3 8.1 9.4 9.1 7.8 8.1 7.  (NA) (NA) (NA) 14.0 16.2 18.0 20.2 16.7 16.4 15. 1, wife present 2.8 5.1 4.2 4.3 8.5 6.5 4.6 4.3 4.4 4.5 8.7 7.4 8.8 3.9 4.0 6.0 6.0 4.3 4.0 4.1 4.5 8.7 7.4 8.8 11.5 11.3 8.1 8.0 8.0 cut work for—  5 weeks 45.9 37.1 43.1 41.7 36.4 33.3 39.2 42.1 41.8 8.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4	ITS CICL	35.4	39.5	38.5	41.4	48.0	48.5	42.7	40.2	39.3
Workers	/s cid	16.3	24.5	23.8	26.4	30.5	31.4			
Nationing families		(NA)	12.2	10.1	10.4	13.8	13.7	10.7	10.5	10.6
(NA)   (NA)   14.0   16.2   18.0   20.2   16.7   16.4   15.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5	workers *	5.3	8.2	6.9	7.3	9.3	9.2	7.1	6.8	8.6
(NA)   (NA)   14.0   16.2   18.0   20.2   16.7   16.4   15.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5   16.5	ntaining families			9.2		11.7				9.8
L wile present 1		5.8	8.5	7.3	8.1	9.4	9.1	7.8	8.1	7.7
4.5     8.7     7.4     8.8     11.5     11.3     8.1     8.0     8.6       cut work for—     5 weeks     45.9     37.1     43.1     41.7     38.4     33.3     39.2     42.1     41.1       is.     22.5     22.2     23.4     22.4     21.7     19.4     20.6     22.2     22.1       sis.     7.6     9.1     9.0     8.3     9.4     8.0     8.1     8.0     8.1       sits.     12.3     18.4     13.8     13.6     16.0     15.4     12.9     12.3     12.2	L wife present 1	2.8		4.2	4.3	6.5	6.5	4.6	4.3	4.4
cut work for—         45.9         37.1         43.1         41.7         36.4         33.3         39.2         42.1         41.8           iss         22.5         22.2         23.4         22.4         21.7         19.4         20.6         22.2         22.1           iss         7.6         9.1         9.0         8.3         9.4         8.0         8.1         8.0         8.1           iss         12.3         18.4         13.8         13.6         16.0         15.4         12.9         12.3         12.1	***************************************		4.8 8.7	3.9 7.4	4.0	5.0 11.5	6.0 11.3	4.3 8.1	4.0 8.0	4.0 8.0
Mas				,						
Mas	5 weeks	45.9	37.1	43.1	41.7	36.4	33.3	39.2	42.1	41.9
mba		22.5 7.6	9.1	9.0	8.3	9.4	19.4 8.0	20.6 8,1	22.2 8.0	22.6 8.4
Int duration, average (weeks) 12.1 14.2 11.9 13.7 15.6 20.0 18.2 15.8 15.6	sks	12.3	16.4	13.8	13.6	16.0	48.4	12.9	123	12.7
	ant duration, average (weeks)	12.1	14.2		13.7		20.0	18.2	15.8	15.0

svellable. I includes other races, not shown separately. Aggregate hours lost by the unemployed and persons for economic reasons as a percent of potentially evallable labor force hours. Hispanic persons may be of any inemployed as percent of civilian labor force in specified group. Wage and selary workers.

<sup>.</sup>S. Bureau of Labor Statistics, Employment and Earnings, monthly; and unpublished data.

No. 633. UNEMPLOYED PERSONS, BY SEX AND REASON, 1970 TO 1986, AND BY DURATION, 1986 (In thousands, except as indicated. For civilian noninstitutional population 16 years old and over. Annual averages of monthlifigures. Based on Current Population Survey; see text, section 1 and Appendix (III)

												15	986	
SEX AND REASON	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985		un	Ouration of employm (percent)	ent
UNEMPLOYED											Total	Less than 5 weeks	5 to 14 weeks	wed ar ov
Male Job losers Job leavers Reentrants New entrants Female Job losers Job leavers Reentrants New entrants New entrants New entrants New entrants New entrants	1,199 282 533 224 1,855	4,442 2,909 375 782 377 3,486 1,478 452 1,110 447	3,142 1,622 419 706 394 3,061 964 455 1,151 491	3,120 1,667 427 673 352 3,018 968 453 1,133 465	4,267 2,649 438 776 405 3,370 1,297 454 1,151 468	4,577 2,821 435 850 472 3,696 1,446 488 1,252 509	6,179 4,278 390 946 565 4,499 1,990 450 1,438 621	6,260 4,331 386 953 589 4,457 1,926 444 1,459 627	4,744 2,976 375 867 526 3,794 1,445 449 1,317 584	4,521 2,749 409 876 487 3,791 1,390 468 1,380 552	4,530 2,725 520 805 480 3,707 1,308 494 1,355 549	37.8 32.8 44.4 44.7 47.6 46.8 37.1 49.8 51.7 55.1	31.1 31.3 32.1 30.0 31.2 30.9 32.5 31.3 30.1 28.9	3 3 2 2 2 2 3 1 1 1 1

Source: U.S. Bureau of Labor Statistics, Employment and Earnings, monthly, and Bulletin 2096.

# No. 634. UNEMPLOYMENT RATE BY SEX, RACE, AND EDUCATIONAL ATTAINMENT: 1970 TO 1987 [In percent. As of Merch. Civilian noninstitutional population 18 and over for 1970; 16 years old and over for 1975 and later yes Based on Current Population Survey; see text, section 1 and Appendix III]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	11
Male: Total 1	3.7	9.0	7.5	6.3	5.8	6.8	8.1	10.3	11.9	8.6	7.8	7.8	
High school: 1-3 years	5.6	14.7	13.4	12.1	11.9	12.8	15.6	19.4	21.4	17.6	16.2	15.3	1
4 years		9.1	7.2	5.9	5.5	6.9	8.8	11.3	13.6	9.4	8.3	8.6	10
College: 1-3 years		6,6	5.5	4.3	4.3	5.0	5.2	7.5	9.3	5.7	5.0	5.4	ı.
4 years or more		2.5	2.8	2.2	1.9	1.8	2.1	3.2	3.6	2.8	2.6	2.5	1
Female: Total 1	4.9	9.5	8.5	7.0	6.6	6.7	7.6	8.9	9.7	7.7	7.4	7.2	
High school: 1-3 years	7.4	15.9	14.3	12.9	12.7	13.3	15.0	16.0	19.6	16.2	15.5	15.5	1 1
4 years	4.6	9.1	7.8	6.6	6.1	6.4	7.4	9.2	9.7	7.6	7.7	7.6	١.
College: 1-3 years	4.0	7.4	6.8	5.1	4.3	4.9	5.0	6.1	6.8	6.1	5.3	5.1	
4 years or more	2.0	3.6	4.2	3.0	3.0	2.5	3.0	3.3	4.0	2.7	2.5	2.4	
White: Total 1	3.9	8.5	7.2	5.8	5.4	6.0	7.0	8.6	9.7	7.2	6.6	6.6	1
High school: 1-3 years		14.0	12.7	10.7	10.9	11.6	13.5	17.0	19.0	15.2	14.2	13.5	
	3.6	8.4	6.8	5.5	5.0	5.9	7.2	9.1	10.3	7.4	7.0	7.0	١.
4 yearsCollege: 1-3 years	3.7	6.6	5.5	4.1	3.8	4.4	4.4	5.8	7.0	5.1	4.2	4.5	1
4 years or more		2.8	3.2	2.3	2.1	1.9	2.3	2.9	3.4	2.5	2.3	2.3	
	6.7	14.7	14.7	13.2	12.6	13.4	15.9	18.9	21.0	17.1	15.6	15.0	
High school: 1-3 years	9,5	22.0	20.0	21.6	19.6	20.5	24.7	24.1	29.5	27.1	24.7	24.7	1 6
A ware	7.2	15.2	14.4	12.7	12.8	13.1	16.4	20.7	22.8	18.3	16.2	16.1	115
College: 1-3 years	6.1	10.1	12.5	10.4	8.8	10.8	11.8	15.8	17.3	12.0	12.3	10.5	11:
College: 1-3 years	1.4		5.0					8.3	8.5	6.3	5.8	3.6	1.3
4 years or more	1.4	3.9		4.7	8.7	9.2	11.2		16.3	11.7	11.3	10.6	١.
Hispanic origin: 3 Total 1	(NA)	12.8	11.4	9.5				13.4		18.4	15.7	17.1	1 :
High school: 1-3 years		18.4	17.2	14.0	14.6	14.3	17.0	21.8	23.9			8.9	11.
4 years	(NA)	10.5	10.0	7.4	B.2	7.1	9.7	11.4	14.4	9.7	9.5		
College: 1-3 years		7.9	8.2	7.3	6.5	5.9	6.3	7.1	10.9	7.6	7.4	6.8	
4 years or more	(NA)	3.6	5.0	7.3	3.6	3.7	2.8	4.9	6.8	3.6	3.1	3.2	1

NA Not available. Includes persons reporting no school years completed and elementary completed. For 1970 and 1975, data refer to Black and other workers. Hispanic persons may be of any race.

Source: U.S. Bureau of Labor Statistics, Handbook of Labor Statistics, and unpublished data.

### No. 635. Unemployment Rate, by Industry, 1975 to 1986, and by Sex, 1980 and 1966

[For civilian noninstitutional population 16 years old and over. Rate represents unemployment as a percent of labor force each specified group. Annual averages of monthly figures, Beginning 1983, data not strictly comparable with earlier years due changes in industrial classification.

Tanana and Tanana	4000							MA	LE	FEM	MAL
INDUSTRY	1975	1980	1982	1983	1984	1985	1986	1980	1986	1980	1
All unemployed 1	8.5	7.1	9.7	9.6	7.5	7.2	7.0	6.9	6.9	7.4	
Agriculture	10.3 4.1 18.0 10.9	11.0 6.4 14.1 8.5	14.7 13.4 20.0 12.3	16.0 17.0 18.4 11.2	13.5 10.0 14.3 7.5	13.2 9.5 13.1 7.7	12.5 13.5 13.1 7.1	9.7 6.8 14.7 7.4	12.0 14.6 13.4 6.2	15.1 4.5 8.8 10.7	1
Transportation and public utilities Wholesale and retail trade. Finance, insurance, and real estate	5.6 8.7 4.9	4.9 7.4 3.4	6.8 10.0 4.7	7.4 10.0 4.5	5.5 8.0 3.7	5.1 7.6 3.5	5.1 7.6 3.5	5.1 6.6 3.2	5.3 6.7 3.3	4.4 8.3 3.5 5.7	ı
Service industries	7.1 4,1	5.9 4.1	7.6	7.9 5.3	6.6 4.5	6.2 3.9	6.1 3.6	6.2 3.8	6.5 3.6	5.7 4.3	П

Includes the self-employed, unpeid family workers, and persons with no previous work experience, not shown separate "Covers unemployed wage and salary workers.

Source: U.S. Bureau of Labor Statistics, Employment and Earnings, monthly.

# 16. Unemployment and Unemployment Rate by Occupation, 1983 to 1986, and by Sex, 1986

an noninetitutional population 16 years old and over, Beginning 1985, annual averages of monthly data; 1983 data id, see text, section 13. Rate represents unemployment as a percent of the labor force for each specified group. Based int Population Survey; see text, section 1, and Appendix III)

•	NU	MBER (1,0	00)		UNEM	PLOYMENT	RATE	
OCCUPATION	4000	4000	4000	4000	4000		1980	
	1962	1980	1980	1962	1980	Total	Male	Female
1	10,717	8,312	8,237	9.6	7.2	7.0	6.9	7.1
f and professional specialty	396	645 329 316	653 336 317	3.3 3.5 3.0	2.4 2.5 2.3	2.4 2.6 2.2	2.2 2.2 2.1	2.7 3.3 2.3
sales, and administrative support	152 850	1,894 110 702 882	1,700 114 718 868	6.3 4.7 8.7 8.4	4.9 3.3 5.3 4.9	4.7 3.3 5.1 4.7	3.8 3.4 3.4 4.7	5.2 3.1 6.9 4.6
cupations	1,697 79 120 1,499	1,386 68 85 1,233	1,381 68 90 1,223	10.9 7.4 6.7 11.8	8.8 6.4 4.7 9.5	8.8 6.5 4.8 9.3	8.4 5.6 4.2 9.9	8.8 6.6 8.7 9.0
production, craft, and repair	344 709	1,038 225 531 281	1,038 226 522 290	10.6 7.6 14.2 9.6	7.2 4.8 10.1 6.4	7.2 4.9 9.6 6.6	7.0 4.9 9.5 5.9	9.2 5.7 14.1 9.1
, febricators, and leborers	2,965 1,411 598 948 207	2,140 980 422 739 186	2,089 907 431 752 198	15.5 15.4 12.4 18.6 25.8	11.3 11.1 8.5 14.3 21.3	10.9 10.3 8.6 13.8 21.0	10.5 9.1 6.7 13.9 20.8	11.8 11.9 8.0 13.3 (B)
creetry, and fishing	407	315	293	9.9	6.3	7.8	7.5	9.7

a is less than 35,000. Includes persons with no previous work experience and those whose last job was in the

#### 7. DISPLACED WORKERS, BY DIVISION OF RESIDENCE AND SELECTED CHARACTERISTICS: 1986

tinds, essept percent. As of January. For the civilian noninstitutionalized population 16 years old and over. Refers to with tenure of 3 or more years who lost or left a job between January 1961 and January 1965 because of plant, moves, slack work, or the abolishment of their positions or shifts. Based on the Current Population Survey; see text, 1 and Appendix III. For composition of divisions, see fig. 1, inside front cover)

TERISTIC	Total	New England	Mid. Atlantic	E. No. Central	W. No. Central	So. Atlantic	E. So. Central	W. So. Central	Moun- tain	Pacific
	5,130	226	733	1,140	994	744	307	610	240	641
					PERCENT D	STRIBUTION				
<b>E</b> X										ļ
······································	64.7 35.3	57.1 42.9	61.8 38.2	67.4 32.6	65.9 34.1	62.4 37.6	59.2 40.8	65.7 34.3	70.4 29.6	68.4 31.6
POR JOB 386										
nwob beei	54.0					50.7			51.3	54.2
id kr shift	54.6 31.2	63.3 21.2	58.3 30.2	50.5 35.0	53.6 31.8	59.7 26.5	56.2 33.2	51.0 34.4	31.7	29.9
id	14.0	15.5	11.5	14.4	14.3	13.6	10.6	14.6	17.1	15.9
Y OF LOST OS										
on	7.0	3.5	3.7	7.3	6.5	8.2	8.6	7.0	10.4	8.2
ring	50.5	62.4	58.4	56.2	46.6	48.9	49.6	46.1	27.5	44.6
900ds	33.3 17.3	36.3	37.1	43.3	31.3	23.8	25.4	30.3	17.1 10.4	35.8 8.8
uble goods	17.3	26.1	21.4	12.9	15.4	25.1	24.2	15.7	10.4	0.0
### Miles	8.1	8.4	8.5	7.2	7.6	7.4	12.8	8.4	8.3	7.1
and retail		ll .	l	l	l	Į.				
	13.8	9.7	10.0	14.3	18.0	12.9	12.3	13.1	16.3	17.6 1.2
ninistration	1.1	.9	1.4	1.0	2.1	4	.8	.5	2.9	1.2
nd service	13.3 6.2	15.0	14.1	10.4	12.5	13.7 8.3	8.8 6.8	13.3	21.3 13.3	16.5 4.8
***************************************	0.2	.4	4.0	3.6	6.5	5.3	0.5	11.6	13.3	4.0
ENT STATUS		li								
	68.9	74.3	60.3	65.2	68.5	71.9	62.5	68.1	72.5	69.4
ed	17.8	9.7	22.1	20.3	16.1	14.0	21.2	16.9	14.2	16.7
labor	15.3	15.5	17.6	14.5	15.4	14.1	16.4	16.9	13.3	13.9

mpany. \* Includes unknown.

U.S. Bureau of Labor Statistics, Employment and Earnings, monthly.

U.S. Bureau of Labor Statistics, Monthly Labor Review, June 1967.

#### No. 638. Total Unemployed and Insured Unemployed—States: 1980 to 1986

[For civilian noninstitutional population 16 years old and over. Annual averages of monthly figures. Total unemploymentmasses based on the Current Population Survey (CPS); see text, section 1, and Appendix III. U.S. totals derived independent population controls; therefore State data may not add to U.S. totals?

	1			TOT	AL UNEN	PLOYED	1				INS	URED U	NEMPLO	YE
DIVISION AND STATE		Nun	nber (1,0	000)			,	Percent	•			mber 000)	Perc	en
	1980	1983	1984	1985	1986	1980	1983	1984	1985	1986	1985	1986	1985	1
U.S	7,637	10,717	8,539	8,312	8,237	7.1	9.6	7.5	7.2	7.0	2,561	2,607	2.8	
N. Eng.: ME	. 39	48	34	30	30	7.8	9.0	6.1	5,4	5.3	14.8	12.3	3.5	
NH		27	22	21	16	4.7	5.4	4.3	3.9	2.8	4.3	3.6	1.0	ı
VT		18	14	13	14	6.4	6.9	5.2	4.8	4.7	6.3	5.3	3.1	
MA		205	145	121	117	5.6	6.9	4.8	3.9	3.8	64.7	64.1	2.4	ш
RI		40	26	25	21	7.2	8.3	5.3	4.9	4.0	14.7	13.0	3.6	1
CT		97	77	83	66	5.9	6.0	4.6	4.9	3.8	26.3	24.6	1.8	П
Mid. Atl.: NY	. 597	689	584	544	526	7.5	8.6	7.2	6.5	6.3	205.3	190.7	2.8	ı
NJ	259	287	236	218	196	7.2	7.8	6.2	5.7	5.0	93.7	85.9	2.9	
PA	425	651	498	442	386	7.8	11.8	9.1	8.0	6,8	175.8	164.5	4.0	
E. No. Cent.: OH		622	480	455	426	8.4	12.2	9.4	8.9	8.1	122 4	118.0	3.0	
IN		286	226	215	185	9.6	11.1	8.6	7,9	6.7	47.4	44.5	2.4	1
L		640	512	513	461	8.3	11.4	9.1	9.0	8.1	144.6	143.9	3.2	ı
MI		610	487	433	385	12.4	14.2	11.2	9.9	8.8	103.4	108.7	3.2	п
W		254	175	171	169	7.2	10.4	7.3	7.2	7.0	64.8	59.0	3.5	
W. No. Cent.: MN		2000	111 11/1/23	1 2 2	1777	1000	1000	6.3	1,000	1 4 0		100000	2.6	
		178	141	133	118	5.9	8.2		6.0	5.3	45.6	44.6		ı
IA		116	99	113	100	5.8 7.2	8.1	7.0	8.0	7.0	31.2	29.1	3.1	1
MO		233	171	159			9.9	7.2	6.4	6.1	48.4	51.4		1
		18	17	20	16	5.0	5.6	5.1	5.9	6.3	7.2	7.5	3.2	1
And the state of t		18	15	18		4.9	5.4	4.3	5.1	4.7	3.4	12.8		L
	31 53	45 72	35 63	44	40	4.1	5.7	4.4		5.0	13.9		2.3	1
KS			1 7 7 7	62	67	4.5	6.1	5.2	5.0	5.4	22.4	24.5	2.5	
So. Atl.: DE	22	24	19	17	14	7.7	8.1	6.2	5.3	4.3	4.5	5.7	1.6	ш
MD		153	121	103	105	6.5	6.9	5.4	4.6	4.5	36.3	35.6	2.2	1
DC		38	29	27	25	7.3	11.7	9.0	8.4	7.7	8.2	8.5	2.1	1
VA		165	143	161	145	5.0	6.1	5.0	5.6	5.0	25.5	23.2	1.2	L
WV	74	139	115	100	88	9.4	18.0	15.0	13.0	11.8	25.8	23.6	4.7	1
NC		262	204	167	170	6.6	8.9	6.7	5.4	5.3	57.3	49.3	2.3	1
		148	105	107	100	6.9	10.0	7.1	6.8	6.2 5.9	34.1	27.8	2.8	1
		202	166	187	178	6.4	7.5	6.0	6.5		42.0	43.5	1.8	П
FL		421	325	319	320	5.9	8.6	6.3	6.0	5.7	56,6	59.0	1.4	١.
E. So. Cent.: KY	133	198	160	161	156	8.0	11.7	9.3	9.5	9.3	36.2	37.2	3.2	
TN	152	251	190	180	185	7.3	11.5	8.6	8.0	8,0	46.1	44.3	2.7	1
AL		241	200	160	185	8.8	13.7	11.1	8.9	9,8	42.5	42.7	3.3	1
MS		135	116	115	136	7.5	12.6	10.8	10.3	11.7	28.8	31.4	3.7	1
W. So. Cent.: AR	. 76	104	93	91	94	7.6	10.1	8.9	8.7	8.7	27.3	27.5	3.7	1
LA		225	195	229	261	6.7	11.8	10.0	11.5	13.1	66.0	81.1	4.3	1
OK		140	109	112	131	4.8	9.0	7.0	7.1	8.2	26.7	35.6	2.4	И.
TX	. 352	609	469	564	726	5.2	8.0	5.9	7.0	8.9	94.2	163.7	1.5	1
Mt.: MT	23	35	30	31	33	6.1	8.8	7.4	7.7	8.1	10.2	10.1	4.0	ш
ID.		45	33	37	41	7.9	9.8	7.2	7.9	8.7	14.0	15.1	4.5	и
WY		22	16	18	22	4.0	8.4	6.3	7.1	9.0	4.6	7.6	2.4	1
00		110	97	101	126	5.9	6.6	5.6	5.9	7.4	30.6	32.9	2.3	1
NM		62	47	57	62	7.5	10.1	7.5	8.8	9.2	13.0	16.5	2.9	
AZ		125	71	96	110	6.7	9.1	5.0	6.5	6.9	20.7	24.7	1.8	
UT	40	64	46	43	45	6.3	9.2	6.5	5.9	6.0	12.B	13.7	24	1
NV	. 27	48	39	41	32	6.2	9.8	7.8	8.0	6.0	11.5	12.0	2.8	L
Pac.: WA		230	194	171	179	7.9	11.2	9.5	8.1	8.2	68.8	64.7	4.5	1
OR		145	125	117	114	8.3	10.8	9.4	8.8	8.5	43.5	42.1	4.6	1
CA		1,192	981	931	892	6.8	9.7	7.8	7.2	6.7	389.3	391.7	3.7	1
AK		24	25	24	28	9.7	10.3	10.0	9.7	10.8	14.3	16.7	7.1	
H		30	27	27	24	4.9	6.5	5.6	5.6	4.8	9.9	8.6	2.5	1
***************************************	4	- 50		4.5	6.4	7,0	0.0	0.0	0.0	7.0	0.0	0.0	2.0	1

¹ Source: U.S. Bureau of Labor Statistics, Geographic Profile of Employment and Unemployment, annual; and unpublished di ² Total unemployment as percent of civilian labor force.
² Insured unemployment as percent of average covered employment to the previous year.

NO. 639. U.S. EMPLOYMENT SERVICE JOB OPENINGS AND PLACEMENTS, AND INDEX OF HELP-WANTI ADVERTISING: 1970 TO 1986

[In thousands, except as indicated. Openings and placements 1970–1983, for years ending Sept. 30; beginning 1986, jii years ending June 30]

ITEM	1970	1975	1979	1980	1961	1982	1982	1984	1985	11
Job openings: <sup>1</sup> Received	6,130 511 4,604 93	7,889 657 4,374 80	9,477 769 6,349 158	8,122 677 5,610 129	7,548 629 3,509 119	6,150 513 2,804 68	6,494 541 3,012 96	<sup>2</sup> 5,144 <sup>2</sup> 572 <sup>2</sup> 2,297 131	7,529 627 3,270	j.,

Al. Not evallable. 

As reported by State employment agencies.

Date for nine months from October 1, 1983 the Arms 30, 1984.

Source: The Conference Board, New York, NY, The Statistical Bullish. Further reproduction prohibited tell permission. Index based on number of advertisements in classified sections of in newspapers, each in a major employment of Source: Except as noted, U.S. Employment and Training Administration, unpublished data.

Source: Except as noted, U.S. Employment and Training Administration, Employment and Training Report of the Secret

# Nonagricultural Establishments—Employees, Hours, and Earnings, by Industry: 1980 to 1986

data from establishment reports. Includes all full- and part-time employees who worked during, or received pay for, any the pay period reported. Excludes proprietors, the self-employed, farmworkers, unpaid family workers, private household, and Armed Forces. Establishment data shown here conform to industry definitions in the 1972 Standard Industrial atton Manual and are adjusted to March 1986 employment benchmarks; consequently, may not be comparable with by published data. Based on the Current Employment Statistics Program; see Appendix III. See also Historical Statistics, Times to 1972, series D 127-141 and D 803, 878, 881, 884, and 890]

				NO	NAGRICULT	IRAL ESTA	ABLISHME	NTS			GROU	
PARY C	Total	Min- ing	Con- struc- tion	Manufac- turing	Trans- portation and public utilities	Whole- sale trade	Retail trade	Fi- nance, insur- ance, and real estate	Serv- ices	Govern- ment	Goods- relat- ed )	Serv- ice- relat- ed and all other
YEES (O)												
**************************************	54,189 60,765 70,880 76,945 90,406 91,156 69,566 90,200 94,496 97,519	712 632 623 752 1,027 1,139 1,128 952 966 927	2,926 3,232 3,588 3,525 4,346 4,188 3,905 3,948 4,383 4,673	16,796 18,062 19,367 18,323 20,285 20,170 18,781 18,434 19,378 19,260	4,004 4,036 4,515 4,542 5,146 5,165 5,082 4,954 5,159 5,238	3,143 3,466 3,993 4,415 5,275 5,358 5,278 5,268 5,555 5,717	8,248 9,250 11,047 12,645 15,035 15,189 15,179 15,613 16,545 17,356	2,629 2,977 3,645 4,165 5,160 5,298 5,341 5,468 5,689 5,955	7,378 9,036 11,548 13,892 17,890 18,619 19,036 19,694 20,797 22,000	8,353 10,074 12,554 14,686 16,241 16,031 15,837 15,870 16,024 16,394	20,434 21,926 23,578 22,600 25,658 25,497 23,813 23,334 24,727 24,859	33,758 38,839 47,300 54,348 64,748 65,659 65,750 66,866 69,760 72,660
ENT	99,610	783	4,904	18,994	5,244	5,735	17,845	6,297	23,099	16,711	24,681	74,930
WEEKLY	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	1.3 1.0 .9 1.0 1.1 1.3 1.3 1.1 1.0 1.0	5.4 5.3 5.1 4.6 4.8 4.6 4.4 4.4 4.6 4.8	31.0 29.7 27.3 23.8 22.4 22.1 21.0 20.4 20.5 19.7	7.4 6.7 6.4 5.9 5.7 5.7 5.5 5.5 5.5 5.3	5.8 5.7 5.6 5.7 5.8 5.9 5.9 5.9 5.9 5.9	15.2 15.6 16.4 16.6 16.7 16.9 17.3 17.5 17.8	4.9 4.9 5.1 5.4 5.7 5.8 6.0 6.1 6.3	13.6 14.9 16.3 18.0 19.8 20.4 21.3 21.8 22.0 22.6 23.2	15.4 16.6 17.7 19.1 18.0 17.4 17.7 17.6 17.0 16.8	37.7 36.1 33.3 29.4 28.0 26.6 25.9 26.2 25.5 24.8	62.: 63.! 66.: 70.! 72.! 73.: 74.: 73.! 74.: 75.:
	38.6 38.8 37.1 36.1 35.3 35.2 34.8 35.0 35.2 34.9 34.8	40.4 42.3 42.7 41.9 43.3 43.7 42.7 42.5 43.3 43.4 42.2	36.7 37.4 37.3 36.4 37.0 36.9 36.7 37.1 37.8 37.7 37.4	39.7 41.2 39.8 39.5 39.7 39.8 38.9 40.1 40.7 40.5 40.7	(NA) 41.3 40.5 39.7 39.6 39.4 39.0 39.0 39.3 39.5 39.2	40.5 40.8 39.9 38.7 38.5 38.5 38.3 38.5 38.4 38.4	38.0 36.6 33.8 32.4 30.2 30.1 29.9 29.8 29.8 29.4 29.2	37.2 37.2 36.7 36.5 36.2 36.3 36.2 36.5 36.4 36.4	(NA) 35.9 34.4 33.5 32.6 32.6 32.6 32.7 32.6 32.5 32.5	(NA)	(NA)	(NA
HOURLY		16										
	\$2.09 2.46 3.23 4.53 6.66 7.25 7.68 8.02 8.32 8.57 8.76	\$2.60 2.92 3.85 5.95 9.17 10.04 10.77 11.28 11.63 11.98 12.44	\$3.07 3.70 5.24 7.31 9.94 10.82 11.63 11.94 12.13 12.32 12.47	\$2.26 2.61 3.35 4.83 7.27 7.99 8.49 8.83 9.19 9.54 9.73	(NA) \$3.03 3.85 5.88 8.87 9.70 10.32 10.79 11.12 11.40 11.70	\$2.24 2.61 3.44 4.73 6.96 7.56 8.09 8.55 8.89 9.16 9.35	\$1.52 1.82 2.44 3.36 4.88 5.25 5.48 5.74 5.85 5.94 6.03	\$2.02 2.39 3.07 4.06 5.79 6.31 6.78 7.29 7.63 7.94 8.35	(NA) \$2.05 2.81 4.02 5.85 6.41 6.92 7.31 7.59 7.90 8.16	(NA)	(NA)	(NA
WEEKLY WGS <sup>3</sup>	\$81	\$105	\$113	\$90	(max	591	\$58	\$75	(Me)	1		
	95 120 164 235 255 267 281 293 299 305	\$105 124 164 249 397 439 460 279 504 520 525	139 195 266 368 399 427 443 459 464 466	390 108 133 191 289 318 330 354 374 386 396	(NA) \$125 156 233 351 382 402 421 438 450 459	106 137 183 268 291 310 329 342 352 359	558 67 82 109 147 158 164 171 174 175 176	5/5 89 113 148 210 229 245 264 279 289 304	(NA) \$74 97 135 191 209 226 239 247 257 265	(NA)	(NA)	(NA

it available. 

1 Mining, construction, and manufacturing. 

2 See headnote, table 646.

J.S. Bureau of Labor Statistics, Employment and Earnings, monthly.

No. 641. EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS—STATES: 1975 TO 1986

[In thousands. For coverage, see headnote, table 640. National totals differ from the sum of the State figures because of diff benchmarks among States and differing industrial and geographic stratification, Based on 1972 Standard Industrial Classific Manual, see text, section 13]

				1				1986				
DIVISION AND STATE	1975	1980	1984	1985	Total 1	Con- struction	Manu- facturing	Trans- portation and public utilities	Whole- sale and retail trade	Fi- nance, insur- ance, and real estate	Ser- vices	Go
U.S	76,945	90,406	94,496	97,519	99,610	4,904	18,994	5,244	23,580	6,297	23,099	1
N. Eng ME NH VT MA RI CT	4,657 357 293 162 2,273 349 1,223	5,481 418 385 200 2,652 398 1,427	5,891 446 442 215 2,852 416 1,521	6,067 458 466 225 2,926 429 1,562	6,224 477 489 234 2,981 442 1,602	285 27 35 15 121 17 71	1,405 104 118 50 619 119 396	254 19 17 10 125 15 69	1,449 115 121 53 703 99 358	430 23 28 11 203 25 139	1,567 102 108 57 820 109 371	
NY	13,966 6,830 2,700 4,436	15,021 7,207 3,060 4,753	15,556 7,572 3,329 4,655	15,895 7,751 3,414 4,730	16,187 7,906 3,487 4,795	664 309 154 202	2,992 1,251 693 1,049	872 402 230 240	3,603 1,676 833 1,095	1,241 755 209 277	4,175 2,126 831 1,218	9
E. No. Cent OH IN IL MI	15,190 4,016 1,942 4,419 3,137 1,677	16,728 4,367 2,130 4,850 3,443 1,938	16,385 4,260 2,122 4,672 3,381 1,949	16,841 4,373 2,169 4,755 3,562 1,983	17,134 4,475 2,228 4,777 3,639 2,015	614 161 96 178 115 64	4,148 1,109 603 925 998 513	836 206 113 278 148 93	4,069 1,067 526 1,185 814 478	967 232 111 347 171 108	3,773 999 428 1,126 787 433	1
W. No. CentMN	5,985 1,474 999 1,741 204 209 558 801	6,905 1,770 1,110 1,970 245 238 628 945	7,023 1,820 1,075 2,033 253 247 635 961	7,153 1,865 1,074 2,095 252 249 651 968	7,237 1,891 1,077 2,132 249 252 654 983	297 75 36 98 11 10 25 44	1,297 369 201 422 15 28 86 175	423 98 52 141 16 13 43 62	1,803 471 277 508 67 66 169 247	436 116 63 129 12 14 47 54	1,634 448 239 489 59 60 147 193	
So. Atl DE MD DC 2 VA WV NC SC GA FL	12,104 230 1,479 577 1,779 575 1,980 983 1,756 2,746	14,695 259 1,712 616 2,157 646 2,380 1,189 2,159 3,576	16,123 280 1,814 614 2,333 597 2,565 1,263 2,449 4,209	16,791 293 1,888 631 2,455 597 2,651 1,296 2,570 4,410	17,383 303 1,951 641 2,557 597 2,732 1,338 2,675 4,590	1,104 19 139 14 168 23 157 88 156 340	3,082 68 210 16 424 87 832 364 565 517	903 13 91 24 137 37 133 56 167 245	4,152 68 497 63 580 137 607 292 670 1,239	995 23 117 36 131 24 118 61 145 340	3,874 67 504 221 579 121 453 223 506 1,203	
E. So. Cent KY TNAL	4,411 1,058 1,506 1,155 692	5,143 1,210 1,747 1,356 829	5,234 1,214 1,812 1,388 821	5,384 1,250 1,868 1,427 839	5,516 1,277 1,929 1,461 849	258 57 90 75 36	1,325 253 492 358 223	275 67 97 72 39	1,256 303 450 320 183	260 60 94 69 37	1,036 259 385 258 134	
W. So. Cent AR LA OK	7,236 624 1,250 900 4,463	9,310 742 1,579 1,138 5,851	10,054 780 1,602 1,180 6,492	10,217 797 1,591 1,165 6,663	10,058 814 1,524 1,140 6,581	580 36 91 40 414	1,502 212 167 163 960	595 48 108 64 375	2,518 184 370 279 1,685	634 37 86 63 448	2,061 146 318 225 1,372	
MT	3,423 236 273 146 964 370 729 440 263	4,502 280 330 210 1,251 465 1,014 551 400	4,930 281 331 204 1,402 503 1,182 601 426	5,111 279 336 207 1,419 521 1,279 624 446	5,184 276 335 199 1,402 528 1,341 634 469	327 10 15 17 76 35 114 33 27	603 21 52 8 185 38 184 92 22	301 20 19 14 88 29 66 38 27	1,250 73 84 46 349 127 325 153 95	314 13 24 8 96 27 89 33 23	1,277 62 68 33 325 118 326 138 207	
WAORAKHI	10,415 1,226 837 7,847 162 343	13,076 1,608 1,045 9,849 169 405	13,679 1,660 1,007 10,574 226 413	14,376 1,710 1,030 10,979 231 426	14,758 1,770 1,057 11,272 222 437	673 85 34 522 13 19	2,599 304 197 2,064 12 22	781 96 57 576 18 34	3,576 435 268 2,713 44 117	986 105 70 766 13 33	3,542 393 230 2,756 44 119	

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly. Compiled from data supplied by cooperating agencies.

Includes mining, not shown separately.
 Represents Washington, DC metropolitan area.

# VO. 642. NONAGRICULTURAL INDUSTRIES—NUMBER OF EMPLOYEES, AND NUMBER AND EARNINGS OF PRODUCTION WORKERS: 1980 TO 1986

innual averages of monthly figures. Covers all full- and part-time employees who worked during, or received pay for, any part of the pay period including the 12th of the month. For mining and manufacturing, data refer to production and related workers; for construction, to employees engaged in actual construction work; and for other industries, to nonsupervisory employees and working supervisors. See also headnote, table 640. See *Historical Statistics, Colonial Times to 1970*, series D 127-151, D 802-810, and D 877-892, for related data]

	The law and the law	ALL EN	PLOYEES	TOTAL	-		ODUCTIO			
SIC 1	INDUSTRY		(1,000)			Total (1,000)			erage ho ings (do	
		1980	1985	1986	1980	1985	1986	1980	1985	1986
(x)	Total	90,406	97,519	99,610	(NA)	(NA)	(NA)	(NA)	(NA)	(NA
(x)	Private sector 1	74,166	81,125	82,900	60,331	65,586	67,061	6.66	8.57	8.7
(B)	Mining	1,027	927 46	783	762	658 34	550 31	9.17	11.98	12.4
11. 12	Coal mining	246	187	176	204	153	144	a 10.86	13.38 15.24	a 15.3
11, 12	Oil and gas extraction	560	583	457	389	387	293	8.59	11.06	11.5
14			110	109	96	84	83	7.52	10.18	10.3
(C) 15	Construction. General building contractors. Heavy construction contractors. Special trade contractors.	4,346	4,673	4,904	3,421	3,659	3,848	9.94	12.32	12.4
	General building contractors	1,173	1,253	1,293	900	935	958	9.22	11.23	11.4
16	Special trade contractors	927	793 2,628	778 2,832	1,776	652 2,072	647 2,243	9.20	12.08	11.9
	Manufacturing	20,285	19.260	18,994	14.214	13.092	12.895	7.27	9.54	
(D)	Manufacturing Durable goods Lumber and wood products, except	12,187	11,490	11,244	8,442	7,644	7,432	7.75	10.10	9.7
(x)	Lumber and wood products, except	100000	11000	1000	100	100	2000	0.000	1000	1
241	furniture 4	691	697	711	578	584	597	6.55	8.22	8.3
	contractors	88	84	83	71	67	70	8.64	10.92	10.8
242	Sawmills and planing mills	215	195	194	190	172	172	6.70	8.52	8.5
243	mamhare	200	228	245	164	190	203	6.41	8.06	8.2
244	Wood containers Furniture and fixtures * Household furniture.	43	41	41	37	35	34	4.95	5.81	5.9
25 251	Furniture and fixtures *	466 301	494	497	376 253	394	397	5.49	7.17	7.4
252	Office furniture	50	295 66	294 66	253	247 50	247 51	5.12 5.91	6.56 8.06	6.8
254	Partitions and fixtures	63	69	72	47	51	52	6.68	8.69	8.9
32	Stone, clay, and glass products *	662	588	586	513	451	451	7.50	9.84	10.0
321	Flat glass	18	16	16	14	12	12	9.65	13.79	14.0
322	Flat glass.  Glass and glassware, pressed 5	124	91	89	105	77	76	7.97	10.78	11.0
325	Structural clay products	46	23 38	23 37	25 34	18	18	10.55	13.27	13.3
326	Pottery and related products	46	37	37	38	29	29	6.26	8.67	8.7
327	Cement, hydraulic Structural clay products. Pottery and related products Concrete, gypsum, and plaster products.	204	206	209	157	160	162	7.45	9.60	
-	products	204	2.70	1 227	15.45		1	77.5	1.0723	9.7
33	Primary metal industries 4	1,142	808	753	878	612	566	9.77	11.67	11.8
	products	512	303	275	396	232	210	11.39	13.33	13.7
332	Iron and steel foundries	209	141	131	167	112	103	8.20	10.51	10.5
333	Primary nonferrous metals	211	188	180	53 151	133	127	10.63 8.81	13.74	13.4
336	Nonferrous rolling and drawing	90	87	86	72	70	69	7.30	9.32	9.5
34	Fabricated metal products 4	1.613	1,465	1,431	1,195	1,084	1,057	7,45	9.70	9.8
341	Metal cans and shipping containers Cuttery, hand tools, and hardware	75	58	58	63	50	50	9.84	13,10	13.3
341 342 343 344	Cutlery, hand tools, and hardware	164	142	136	125	105	100	7.02 6.62	9.71 8.67	9.8
344	Fabricated structural metal products	513	443	438	355	309	308	7.26	9.00	9.1
345	Plumbing and heating, exc. electric. Fabricated structural metal products. Screw machine products, bolts, etc. Metal forgings and stampings.	109	96	93	84	74	71	6.96	9.11	9.4
346	Metal forgings and stampings	264	249	244	207	200	195	8.56	11.62	11.8
35	Machinery, except electrical 4	2,494	2,174	2,060	1,602	1,307	1,225	8.00	10.29	10.5
351 352	Farm and garden machinery	135	105	102	116	66	64	9.73 8.78	13.02	13.0
353	Construction and related machinery	389	253	227	255	156	138	8.60	10.91	11.0
354	Metalworking machinery	373	310	304	273	222	217	8.18	10.59	10.9
355 356	General industrial machinery	207 324	168 268	159 255	133	100	94 162	7.51	10.18	10.4
357	Office and computing machines	432	514	475	186	189	162	6.74	9.32	9.9
358	Machinery, except electrical * Engines and turbines. Farm and garden machinery Construction and related machinery Metalworking machinery Special industry machinery General industrial machinery Office and computing machines Refrigeration and service industry	174	172	171	120	120	120	7.23	10.09	10.2
36	Electric and electronic equipment  Electric distributing equipment Electrical industrial apparatus.	2,091	2.197	2,123	1,328	1,300	1,229	6.94	9.46	9.6
361 362	Electrical industrial apparatus	123	113	107	86 169	138	130	6.96 7.12	8.83 9.52	9.6
363	nouseriold appliances	103	136	135	129	106	106	6.95	9.23	9.5
364 365	Electric lighting and wiring equipment	209	198	196	156	144	141	6.42	8.67	6.8
366	Radio and TV receiving equipment Communication equipment	109 541	653	632	79 267	57 291	56 264	6.42 7.93	9.33	9.4
367	Electronic components and access	554	663	630	334	375	348	6.05	8.30	8.6
37	Transportation equipment 4	1 900	1,980	2,015	1,233	1,257	1,264	9.35	12.71	12.8
371	Motor vehicles and equipment	789	884	865	575	685	665	9.85	13.39	13.4
372 373	Aircraft and parts	652	636 187	675	355	304 140	331	9.28	12.62	12.6
		221	187	185	176	140	140	0.22	10.51	10.5

See footnotes at end of table.

No. 642. Nonagricultural Industries—Number of Employees, and Number and Earnin Production Workers: 980 to 1986—Continued

[See headnote, p. 367]

		ALL EM	PLOYEES	TOTAL	_		ODUCTIO		
CODE	INDUSTRY		(1,000)			Total (1,000)		earn	erage h ings (d
		1980	1985	1986	1980	1985	1986	1980	1985
38	Instruments and related products	711	720	707	426	391	383	6.80	9.17
381	Engineering and scientific instruments	77	84 254	84	37	37	37	7.12	9.82
382	Measuring and controlling devices Optical instruments and lenses	245	254	246	154	141	136	6.85	8.94
383 384	Medical instruments and lenses  Medical instruments and supplies	33 156	174	180	18	17	16	7.32 5.80	10.17
385	Onthalmic goods	44	40	38	31	26	26	5.30	6.94
386	Ophthalmic goods	135	123	115	67	57	52	8.83	12.05
387	Watches, clocks, and watchcases	22	12	11	17	9	8	5.24	6.87
39	Misc. manufacturing industries 4	418 56	367 55	362	313 40	264	263	5.46	7.30
391 394	Jewelry, silverware, plated ware	117	95	54 94	88	37 70	37 70	5.01	7.78 6.68
395	Pens, pencils, office and art supplies	37	33	33	27	22	22	5.58	7.70
396	Toys and sporting goods Pens, pencils, office and art supplies Costume jewelry and notions	51	41	41	41	31	32	4.71	5.91
20 201	Nondurable goods Food and kindred products * Meat products	8,098	7,770	7,750	5,772	5,449	5,463	6.55	8.71
201	Host products *	1,708	1,603	1,617	1,175	1,118	1,136	6.85	8.57 7.23
202	Dairy products	175	163	372 163	96	96	315 98	6.86	9.17
202 203	Preserved fruits and vegetables	256	236	238	210	194	196	5.94	9.17 7.81
204 205	Grain mill products	144	125	122	99	85	83	7.67	10.38
205	Bakery products	225 106	210 96	210 97	131	126	127	7.21	9.69
207	Sugar and confectionery products Fats and oils	44	35	34	32	75 26	76 25	6.57 7.03	8.63
208	Beverages	234	214	212	105	92	90	8.12	11.38
21	Tobacco manufactures	69 46	64 44	59 42	54 35	48 32	45 32	7.74 9.23	11.96
22	Textile mill products *	848	702	705	737	607	610	5.07	6.70
221	Weaving mills, cotton	150	106	102	135	95	92	5.25	7.01
222	Weaving mills, synthetic	116	90	84	104	80	75	5.30	7.15
223 224	Narrow fabric mills	19 23	17	18 22	16 20	15	15 19	5.21 4.63	7.07 6.39
225	Knitting mills	220	198	207	191	172	180	4.76	6.15
226	Textile finishing, except wool	74	59	60	62	49	50	5.39	7.12
227 228	Floor covering milts	54 125	101	56 104	113	90	46 93	5.20 4.76	6.99
23	Apparel and other textile products *  Men's and boys' suits and coats  Men's and boys' furnishings  Women's and misses outerwear	1,264	1,121	1,106	1,079	945	931	4.56	5.73
231	Men's and boys' suits and coats	77	63	60	67	55	51	5.34	6.65
232	Men's and boys' furnishings	362	312	308	310	270	267	4.23	5.27
233 234	Women's and misses outerwear	417 90	362	356	360	302 65	297 64	4.61	5.56
236	Undergarments *	64	61	77 61	76 55	51	51	4.20	5.07
238	Misc. apparel, accessories	56	44	42	48	36	35	4.48	5.50
26	Paper and allied products	693	678	674	523	512	511	7.84	10.83
261, 2, 6 263	Paper and pulp mills	203 65	197 55	195	152	149	149	9.15 9.28	13.14
264	Misc converted paper products.	220	229	230	163	168	169	6.89	9.33
265	Misc. converted paper products Paperboard containers and boxes	205	197	196	157	152	152	6.94	9.24
27	Printing and publishing *	1,252	1,428	1,457	699	789	817	7.53	9.71
271 272	Newspapers	420 90	451 113	458 115	164	169 29	170	7.12	9.77
273	Books	101	107	109	52	54	59	7.72 7.16 6.76	8.70
275 278	Commercial printing	414 62	493	508 73	307 51	359 57	369 59	7.85 5.78	10.05
28			1.044	1 2 2 2 1	626	578	568	8.30	11.56
281	Chemicals and allied products 4	1,107	1,044	1,023	87	72	70	9.07	1280
282	Industrial inorganic chemicals	205	172	167	137	114	113	8.21	11.71
283	Drine	196	206	207	97	95	96	7.69	10.75
284	Soap, cleaners, and toilet goods	141	148	147	86	94	93	7.67	10.28
285 287	Soap, cleaners, and toilet goods	65 72	64 59	63 55	33 45	31	31 34	7.39 8.12	10.08
29	Petroleum and coal products 4	198	179	169	125	109	106	10.10	14.06
291	Petroleum retining	155	141	131	93	82	79	10.94	15.25
295	Paving and roofing materials		26	27	24	20	20	7.69	10.56
30 30194	Rubber and misc. plastics products	727 115	786 94	790 88	559 81	607 65	614	6.52 9.74	13.21
31	Leather and leather products *	233	165	151	197	137	124	4.58	5.83
311	Leather tanning and finishing	19	15	90	16	12 84	12 76	6.10	7.62 5.53 5.61
		30	21		25	17	15	4.33	-

See footnotes at end of table.

# NO. 642. NONAGRICULTURAL INDUSTRIES—NUMBER OF EMPLOYEES, AND NUMBER AND EARNINGS OF PRODUCTION WORKERS, 1980 TO 1986—Continued

[See headnote, p. 367]

		ALL FM	PLOYEES	TOTAL		PR	ODUCTIO	WORKE	RS	
SIC I	INDUSTRY	ALL CH	(1,000)	TOTAL		Total (1,000)			erage ho ings (dol	
		1980	1985	1986	1980	1985	1986	1980	1985	198
(E)	Transp. and public utilities 4	5,146	5,238	5,244	4,293	4,339	4,335	8.87	11.40	11.7
40	Hailroad transportation	532	359	331					(*)	· 13.8
4011	Class I railroads 5	482	323	294	(3)	8	(3)	* 9.92	* 13.64	
41	Local and interurban passenger transit Trucking and warehousing	265	278	262	244	257	261	6.34	7.68	8.0
42	Trucking and warehousing	1,280	1,363	1,382	1,121	1,187	1,202	9.13	10.52	10.7
45	Air transportation	453	552	570	(°)	(7)	(7)	10.50	15.26	15.
47	Pipelines, except natural gas Transportation services	198	19 276	18 284	(7)	(1)	(7)	(7)	(1)	15.
48	Communication 4	1,357	1,320	1,279	1,014	1,006	975	8.50	11.75	12.
481	Communication 4	1,072	921	881	779	687	656	8.72	12.45	12
483	Radio and television broadcasting Electric, gas, and sanitary services * Electric services	200	238	238	160	194	195	7.44	10.26	10.
49	Electric, gas, and sanitary services 1	827	915	924	677	729	735	8.90	12.83	13.
491	Electric services	391	448	452	316	349	349	9.12	12.94	13.
492	Gas production and distribution	168	175	168	138	137	132	8.27	11.76	12.
493	Gas production and distribution	197	203 64	206 71	162 43	166 56	171 62	9.64 7.04	14.93 9.47	15.
(F)	Wholesale trade Retail trade * General merchandise stores.		5,717	5,735	4,312	4,598	4.601	6.96	9.16	9.
(G)	Retail trade *	15,035	17,356	17.845	13,500	15,457	15,891	4.88	5.94	6.
(F) (G) 53	General merchandise stores	2,245	17,356	17,845 2,363	2,090	2,174	15,891 2,223	4.77	5.92	6.
54 56 57	FOOD Stores	2,384	2,775	2,873	2,202	2,567	2,655	6.24	7.35	7.
56	Apparel and accessory stores	957	1,041 735	1,070	820	875	905	4,30	5.25	5.
57	Furniture and home furnishings stores	606	735	771	502	608	641	5.53	7.13	7.
58	Eating and drinking places	100	5,709	5,879	4,256	5,194	5,345	3,69	4.33	4
(H)	Finance, insurance, real estate	5,160	5,955	6,297	1,210	1,251	1,263	5.79 4.94	7.94 6.84	8.
61	Banking	1,571	1,706 750	1,736	431	570	628	5.12	7.21	7
62	Security commodities brokers services	227	355	392	(7)				(7)	1
63	Credit agencies other than banks	1,224	1,292	1,364	(†) 854	883	930	6.29	8.61	9.
64	Insurance agents, brokers, services	452	542	581	(7)	(7)	(7)	(7)	(1)	1
6, 67	Insurance agents, brokers, services.  Real estate.  Other finance, insurance, real estate	981 135	1,132	1,187	£3	(2)	(5)	8	(5)	
		100	1	3000	Page 175 . Proj. 195	and the	July 25	L. Verre	1000	100
70	Services 4	17,890	22,000	1,401	15,921	19,368	20,288	5.85	7.90	8.
701	Hotels motels and tourist courts	1,076	1,336	1,356	954	1,158	1,215	4.45	5.83	5
72	Hotels and other lodging places	901	1,290	1,104	(7)	1,100	(7)	(7)	(7)	3
721	Laundry, cleaning, garment services  Beauty shops  Business services *	356	379	386	( <sup>7</sup> ) 318	338	344	4.47	5.79	5
723	Beauty shoos	284	334	347	264	302	314	4.26	6.09	6
73	Business services *	3,092	4,457	4,781	2,698	3,863	4,113	6.02	8.19	8
731	Advertising.  Personnel supply services *  Employment agencies.  Temporary help supply services.  Computer, data process, services *	153	196	202	116	145	149	8.07	10.74	11
736	Personnel supply services *	563	916	1,017	(1)	{?} {?}	(E)	(3)	(7)	
7361	Employment agencies	{ <sup>7</sup> }	160	156	(2)	(2)	(2)	(7)	(7)	
7362 737	Temporary help supply services	(,)	708	807	(†) (†) (†) 254	447	475	7 10	10.98	11
7372	Computer, data process, services	304	542 195	591 216	254		4/5	7.16		١,,
7374	Computer programming and software Data processing services	(7) 571	258	278	{ <del>7</del> }	{;}	{;}	(3)	(?)	
75	Auto repair, services parages	571	731	762	488	614	639	6.10	7.40	7
753	Auto repair, services, garages	350	446	457	297	372	380	6.52	7.99	8
78			225	227	191	190	191	7.88	12.12	12
783 79 80	Motion picture theaters	124	108	106	(°) 692	(7)	(7)	5.52	6.94	6
79	Amusement, recreation services	764	840	915		740	812	5.52	6.94	6
80	Health services *	5,278	6,299	6,551	4,712	5,607	5,823	5.68	8.06	8
805	Nursing, personal care facilities	997	1,199	1,250	898	1,085	1,129	4.17	5.61	5
806	nospitais	2,750	2,997	3,038	2,522	2,732	2,769	6,06	9.00	9
808	Outpatient care facilities	133	216 694	247 748	427	589	632	7.35	10.52	11
81	Educational services	1,138	1,362	1,428	42/	589	632	(7)	(7)	111
83	Social services	1,134	1,362	1,426	175	(7)	275	(7)	(3)	
86	Membership organizations	1,539	1,520	1,530	{ <del>?</del> }	(1)	{?}	(1)	1.5	
(4)	Government	16,241	16,394	16,711	(NA)	(NA)	(NA)	(NA)	(NA)	0
SSSS	Federal government	2.866	2,875	2,899	(NA)	(NA)	(NA)	(NA) (NA)	(NA)	0
(x)	State government Local government	3,610	3,832	3,888	(NA)	(NA)	(NA)	(NA)	(NA)	8
			9,687	9,923	(NA)					

NA Not available. X Not applicable. 
Standard Industrial Classification, see text, section 13. 
Excludes government. 
11-month average. Includes industries not shown separately. Includes blown. 
Women's and children's. 
Included in totals; not available separately. For changes in "Class I" classification, see text, section 21. 
Includes all employees except executives, officials, and staff assistants who received pay during the month.

Source: U.S. Bureau of Labor Statistics, Employment and Earnings, monthly.

### NO. 643. INDEXES OF OUTPUT PER HOUR FOR ALL EMPLOYEES—SELECTED INDUSTRIES: 1970 TO 1985

[See text, section 13. Minus sign (—) indicates decrease. See also Historical Statistics, Colonial Times to 1970, series W 14, 17, and 19, W 30-54, and W 62-65]

(B) 1011 1021 111, 121 144 (C) 2011, 2013 2026 203	Mining: Iron (usable ore)	1970 111.1 85.5 141.1	-	1980	1981	1982			1985.	1970-	4000
1011 1021 111, 121 14 (p) 2011, 2013 2026	fron (usable ore)	111.1 85.5 141.1	117.8			1902	1983	1964	prel.	1985	1980- 1985
1011 1021 111, 121 14 (p) 2011, 2013 2026	fron (usable ore)	85.5 141.1	117.B					-			
111, 121 14 (D) 2011, 2013 2026	Copper (recoverable metal)	. 85.5 . 141.1		123.2	130.6	98.2	138.6	170.4	183.7	2.2	9.
2011, 2013 2026	Nonmetallic minerals s	141.1	77.2	91.6	97.7	116.2	130.9	153.9	187.6	4.5	15.
2011, 2013 2026	Monifestudes		105.3	112.5	122.2	119.2	136.1	151.3	154.4	.6	7.
2011, 2013 2026		. 69.7	90.6	90.5	94.7	69.3	90.2	105.3	107.7	.8	~
2026	manufacturing:	770							40.00	400	12
203	Fluid milk	73.7	95.5	126.5	131.6	112.3	145.5	152.6	(NA)	43.2	*4
	Preserved fruits, vegetables	79.7	93.7	100 8	00 2			1124	(NA)	122	*3
204	Manufacturing:  Red meat products.  Fluid milk Preserved fruits, vegetables.  Grain mill products  Bakery products.  Sugar.  Sottled, canned soft drinks Tobacco products.  Hosiery Nonwool yarn mills.  Sawmills, planing mills.  Millwork Wood kitchen cabinets Veneer and plywood Household furniture  Office furniture  Paper, paperboard, pulp mills	79.7	87.1	105.3 93.7 100.1 109.8	110.9	121.0	125.5	132.7	3333	4 3.6	*6
205	Bakery products	87.5	93.4	93.7	96.2	103.3	106.9	106.8	(NA)	* 1.6	* 3
2061, 2, 3 2086	Rottled canned soft drinks	70.0	87.2	100.1	1143	1183	127.0	138 3	103.1	4.9	6
2111, 21, 31	Tobacco products	86.8	93.9	102.1 107.4 99.7	100.5	100.7	105.1	110.3	114.9	1.5	2
2251, 52	Hosiery	65.5	94.3	107.4	122.0	114.2	118.0	119.7	115.5	4.5	1
2281	Nonwool yarn mills	. 84.3	101.2	99.7	103.1	118.2	126.0	129.7	129.1	2.8	6
2421 2431	Sawmills, planing mills	90.0	98.8							4-1.0	*_2
2434	Wood kitchen cabinets	(NA)	86.1	93.6 98.2 102.8	94.8	96.1	93.5	93.8	(NA) (NA)	4.9	5-1
2435, 36	Veneer and plywood	83.2	97.8	102.8	106.9	114.4	120.6	120.3	(NA)	125	*4
251	Household furniture	. 82.2	97.5	99.9	103.0	104.7	109,6	111.3	110.4	1.6	2
252	Office furniture	78.2	85.5	112.1	108.8	107.4	110.7	116,7.	(NA)	12.7	*1
2611, 21, 31, 61	Paper, paperboard, pulp mills	77.5	86.7		104.4	111.3	119.6	121.9	122.2	2.9	3
2653	Corrugated, soild fiber boxes	73.1	96.2	111.0	109.8	111.9	114.0	118.9	118.9	3.2	1
2823, 24 2834	Pharmacouticals	74.8	92.5	106.0	104 2	103.6	114.4	1126.3	134.8 115.6	5.5	3
2841	Soaps, detergents	83.9	97.3	109.6	107.3	100.9	98.2	101.0	(NA)	11.1	1-2
2844	Cosmetics	65.9	94.0	83.6	76.1	84.0	86.0	84.6	(NA) 120.6	4.7	*1
2851	Paints, aillied products	74.9	94.2		99.8		111,5	114.8	120.6	2.6	4
2911	Petroleum refining	73.8	88.7	94.2	83.7	79.4	81.8	92.5	100.3	8.	1
3011 3079	Miscellaneous plastice	(NA)	91.8		118.1 98.5	128.2	107 1	100.0	145.7	3.3	*3
314	Footwear	100.3	101.3	99.1	95.6	106.4	103.9	105.7	(NA) 104.8	.3	1
3221	Glass containers	87.2	98.5	105.2	110.1	105.8	108.5	128.0	132.1	2.3	4
325	Office furniture Paper, paperboard, pulp mills Corrugated, soild fiber boxes Synthetic fibers Pharmaceuticals Soaps, detergents Cosmetics Paints, alliled products Petroleum refining. Tires, inner fubes Miscellaneous plastics Footwear Glass containers Structural clay products Concrete products	78.2	91.0		100.7			109.9	107.8	1.8	2
3271, 72	Concrete products	82.3	91.9	90.4	88.5	91.0	96.4	98.3	(NA)	*.6	• 2
331	Steel	87.6	93.3	102.9	112.0	90.9	116.8	131,3	138.5	2.0	6
3353 54 55	Aluminum rolling, drawing	66.0	97.0 87.5		92.7	93.7	110.4	106.8	109.2	1.2	1
3353, 54, 55 3411	Metal cans	78.8	87.0			118.5	120.5	122.6	125.8	3.5	4
3441	Gray iron foundries. Aluminum rolling, drawing	102.2	97.4	102.1	98.5	98.4	103.3	106.8	(NA) (NA)	44	* 1
3465, 6, 9	Metal stampings	. 86.4	93.2	99.9	101.4		104.1		(NA)	* 1.0	*2
3519 352	Internal combustion engines	76.4	86.7 97.7	94.3	93.2 95.1	82.0	88.3 95.1	98.7	(NA) 98.3	1.1	1
3531	Construction machinery, equipment	83.4	93.9	97.4	96.1	88.9	95.3	103.4	114.2	1.1	3
3541, 42	Farm, garden machinery.  Construction machinery, equipment Machine tools	91.7	103.0	00.0	96.5	88.1	86.8	93.0	101.8	3	
3545	Machine tool accessories	82.0	100.9	99.2	102.0	89.1	85.4	95.2	(NA) (NA)		* -2
3561, 63 3585	Pumps and compressors	85.8	91,4	93.8	102.4	100.1	101.8	106.0	(NA)	1.2	*1
3621	Motors, generators	87.B	93.0	96.7	100.4	102.4	104.2	106.4	108.2	.9	2
3631, 2, 3, 9	Major household appliances	70.2	93.6	105.8	107.6	108.6	116.5	121.7	128.6	3.2	4
3651	Machine tool accessories. Pumps and compressors Refrigeration, healing equipment Motors, generators Major household appliances Radio and TV sets	. 70.6	90.1	116.9	133.6	163.9	196.7	228.9	(NA) 122.5	47.6	4 18
371 3825	Motor vernores, equipment	10.3	01.1	90.0		96.9	109.6	115.9		2.7 6 3.5	. 6
200 0 0 0 0 0 0	Instruments to measure electricity		95.9	108.4	111.9	119.2	120.7	131.2	(NA)	* 3.5	*4
(E, G, H, I)	Transportation, utilities, trade: RR transport (revenue traffic) *** Bus carriers ***									100	-
Pts of 4111, 31,	Bus carriers ?	107.7	89.5	107.3	111.5	115.8	95.4		162.1	4-1.0	1-1
414	DOS CALIERS	107.3	87.0	100.9	30.7	80.0	95.4	90,9	(NA)	-1.0	
4213 pt	Intercity trucking s	83.5	89.2	94.3	98.7	93.3	101.0	102.5	97.2	.8	1
4511	Air transportation *	71.4	87.6	106.2	104.9	114.9	126.8		136.1	4.0	5
4612, 13 4811	Petroleum pipelines	79.5	95.7	93.0		89.2		104.5	104.3	.9	3
491, 92, 93	Gas and electric utilities	62.1	85.9	118.1	94.4	89.3	88.1	91.4	150.9	6.3	-1
54	Intercity trucking s	109.8	100.7	98.9	95.2	93.5	93.9	93.6	92.7	-1.2	-1
5511	Franchised new car dealers	. 86.1	95.0	99.6	98.1	100.4	109.4	1104	109.8	1.3	2
5541	Gasoline service stations 9	75.3	85.6	104.3	105.8 127.1	110.7 130.9	118.1	121.0	124.1	3.3	3
56	Apparel, accessory stores	82.2	105.3	120.1	127.1	130.9	137.8	146.8	155.2	4.0	5
57 58	Fating, dooking places *.	101.0	101.9	99.5	97.0	109.2	97.1	94.9	125.9	2.9	-1
5912	Drug, proprietary stores *	83.4	94.2	107.0	107.6	107.9	110.1	105.0	100.6	1.5	-1
592	Franchised new car dealers. Gasoline service stations *	(NA)	96.5	101.6	103.2	107.8	101.2	101.6	101.0	10.6	-
602	Commercial banking	(NA) 85.5	90.0		90.5	107.8 93.2	101.7	104.7	(NA) 97.0	4.9	•3
7011	Hotels, motels, tourist courts "	85.1	89.7	95.0	91.6	88.8	95.4	102.1	97.0	1.0	1
723, 724	Beauty and harber shops	95.5	96.9 98.7			90.2			87.5 99.6	7 10,8	~

NA Not available.

1 Standard Industrial Classification; see text, section 13.

2 For explanation of average annual percent change, see source.

2 Excludes fuels.

3 Change from 1970 to 1984 and 1980 to 1984.

4 Change from 1975 to 1984 and 1980 to 1984.

5 Change from 1975 to 1984 and 1980 to 1984.

6 Change from 1975 to 1984 and 1980 to 1984.

7 Chase 1 Interstate carriers regulated by the ICC.

7 Refers to output per employee.

8 Data relate to all persons (paid employees, unpaid family workers, and the self-employed).

8 Source: U.S. Bureau of Labor Statistics, Bulletin 2277, Productivity Measures for Selected Industries, 1988-95; and unpublished

#### No. 644. INDEXES OF PRODUCTIVITY AND RELATED MEASURES: 1980 TO 1986

[See text, section 13. Minus sign (-) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series D 689-704 and W 22-25]

ПЕМ	1980	1980	1970	1975	1980	1903	1983	1984	1980	1980
INDEXES (1977 = 100)										
Dulput, per hour, business sector	67.8	81.0	86.4	95.7	99.3	100.3	103.0	105.3	106.4	107.1
Nonterm business	71.0	83.4	89.3	96.0	96.8	99.2	102.4	104.3	104.8	105.5
Manufacturing	62.2	76.6	80.8	92.9	101.4	105.9	112.0	116.6	121.7	126.0
Juliput. <sup>1</sup> business sector	55.4	70.0	80.3	89.4	106.7	105.5	109.9	116.8	122.7	125.9
Nonferm business	54.6	66.5	60.0	89.1	106.7	104.9	110.1	118.6	122.5	125.9
Manufacturing	52.5	71.7	78.6	84.9	103.2	98.4	104.7	116.0	120.4	124.4
Hours, business sector	81.9	86.4	90.8	93.4	107.5	105.2	106.7	112.6	115.3	117.5
Nonterm business	76.9	83.3	89.7	92.8	106.0	105.7	107.5	114.0	116.9	119.3
Manufacturing	64.4	93.6	97.3	91.4	101.7	92.9	93.5	90.5	98.9	98.7
Compensation per hour, business sector	33.6	41.5	57.6	85.2	131.5	154.9	161.5	186.1	175.3	180.9
Nonlarm business	35.3	42.5	58.2	85.6	131.3	154.8	161.5	167.9	174.6	179.8
Manufacturing	36.5	42.7	57.4	65.1	132.4	157.5	162.4	168.2	176.7	181.9
Real hourly compensation,* business sector	86.9	79.6	90.2	95.9	98.7	97.3	96.2	98.1	96.8	100.0
Nonterm business	72.3	81.6	90.8	86.4	98.6	97.2	98.2	96.0	98.4	99.4
Manufacturing	74.6	62.0	89.5	95.9	97.4	98.9	98.8	96.1	98.5	100.5
Unit labor costs, business sector	49.7	51.2	85.4	89.0	132.5	154.5	156.6	159.7	164.8	166.8
Nonterm business	49.7	50.9	65.2	89.2	132.9	156.0	157.7	161.0	186.7	170.4
Manufacturing	58.7	55.8	71.0	91.7	130.6	148.7	145.0	144.2	145.1	144.3
ANNUAL PERCENT CHANGE							ł			
Dulput per hour, business sector	1.7	3.0	.7	2.0	3	4	2.7	2.3	1.0	.7
Nontern business	1.1	2.5	.3	1.8	4	6	3.3	1.8	.5	.7
Dulput 1 business sector	1.8	6.3	9	-2.1	-1.1	-3.1	4.2	8.1	3.3	2.0
Nonfarm business	1.7	6.4	-1.1	-2.3	-1.2	-3.3	4.9	8.0	3.0	2.8
Hours, business sector	.1	3.2	-1.6	-4.0	8	-2.8	1.5	5.7	2.2	1.0
Nonterm business	.6	3.8	- 1.3	-4.0	7	-2.7	1.6	6.0	2.6	2.0
Companeation per hour. 2 business sector	4.3	3.8	7.3	9.7	10.5	7.8	4.2	4.1	4.3	3.2
Compensation per hour,* business sector Nonterm business	4.4	3.4	7.0	9.7	10.5	7.8	4.3	4.0	4.0	3.0
Real hourly compensation, <sup>2</sup> business sector	2.7	2.1	1.2	.5	-2.7	1.6	1.0	1	.7	1.2
Nonterm business	2.8	1.7		.5	-2.7	1.5	1.1	3	.4	1.1
Unit labor costs,4 business sector			8.5	7.6	10.9	8.3	1.5	1.8	3.2	2.5 2.3
Nonterm business	3.3	.8	6.7	7.8	11.0	8.4	1.1	2.1	3.5	3

<sup>&</sup>lt;sup>1</sup>Refers to gross domestic product originating in the sector, in 1962 prices.

<sup>2</sup> Hours of all persons engaged in the business and nonfarm business sectors (employees, proprietors, and unpaid family workers); employees and proprietors hours in manufacturing.

<sup>3</sup> Wages end seleries of employees plus employers' contributions for social insurance and private benefit plans. Also includes an estimate of same for self-employed. Real compensation deflated by the consumer price index for all urban consumers, see text, section 15.

<sup>4</sup> Hourly compensation divided by output per paid hour.

<sup>5</sup> All changes are from the mimediately prior year.

Source: U.S. Bureau of Labor Statistics, Employment and Earnings, monthly, and unpublished data.

# NO. 645. AVERAGE ANNUAL TOTAL COMPENSATION AND WAGES AND SALARIES PER FULL-TIME EQUIVALENT EMPLOYEE, BY INDUSTRY: 1980 TO 1986

[in dollars, except percent. Wage and salary payments include executives' compensation, bonuses, tips, and payments in kind; total compensation includes, in addition to wages and salaries, employer contributions for social insurance, employer contributions to private pension and welfare funds, directors' less, jury and witness fees, etc.]

	A	MUAL TO	TAL COM	PENSATI	ANNUAL WAGES AND SALARIES					
MOUSTRY	1980	1980	1984	1506	1983	1900	1980	1984	1205	1980
All domestic industries	18,815	23,297	24,277	25,321	26,296	15,757	18,530	20,100	21,036	21,03
Average annual percent change 1	8.4	7.4	4.2	4.3	3.8	7.8	7.1	4.3	4.6	4.0
Agriculture, forestry, fisheries	9,838	11,634 35,561	12,189 37,106		13,341 40,432	8,598 23,405	10,125 29,808	10,536 30,777		11,62
Construction	22.033	26,548 27,346	26,791	27,639	28,489 31,219	18,571 17,954	21,986	22,061	22,766	23,56 25,46
Transportation	25,029 28,341	29,634 37,160	30,306 37,961	30,884	31,496	20,850 22,079	24,379 28,646	24,811 29,376		25,62 32,80
Electric, gas, sanitary services	27,358	35,589			41,613	21,701	28,038	29,832	31,669	33,30 26.07
Retail trade	12,490	26,148 14,868 24,780	15,310 26,168		30,129 16,183 30,338	18,822 10,953 15,871	22,584 12,913 20,755	23,964 13,264 21,960	13,610	14,04 25,74
Services	15,236	19,589	20,481 28,449	21,386	22,307 29,193	13,480	17,095 19,901	17,895 20,980	18,709	19,52

<sup>&</sup>lt;sup>1</sup> Represents average for period of intervals shown; for 1980, change from 1975. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source: U.S. Bureau of Economic Analysis, The National Income and Product Accounts of the United States, 1929-82, and Survey of Current Business, July 1987.

# NO. 646. AVERAGE HOURLY AND WEEKLY EARNINGS IN CURRENT AND CONSTANT (1977) DOLLARS, BY PRIVATE INDUSTRY GROUP: 1970 TO 1986

[Gross weekly semings Includes overtime. Data are for production and related workers in mining, manufacturing, and construction, and nonsupervisory employees in other industries. Excludes agriculture. See headnote, table 640. See also Historical Statistics, Colonial Times to 1970, series D 877-892]

The state of the state of the state of		C	URRENT	DOLLA	RS			CONST	ANT (1	977) DO	LLARS	
PRIVATE INDUSTRY GROUP	1970	1975	1980	1984	1985	1986	1970	1975	1980	1984	1985	198
Average hourly earnings	3.23	4.53	6.66	8.32	8.57	8.76	5.04	5,10	4.89	4.91	4.88	4.93
Manufacturing	3.35	4.83	7.27	9,19	9.54	9.73	5.23	5.44	5.34	5.42	5.44	5.4
Mining	3.85	5.95	9.17	11.63	11,98	12.44	6.01	6.70	6.74	6.86	6.83	6.9
Construction	5.24	7.31	9,94	12.13	12.32	12.47	8.17	8.23	7.30	7.16	7.02	7.0
Transportation, public utilities	3.85	5.88	8,87	11.12	11.40	11.70	6.01	6.62	6.52	6.56	6.50	6.5
Wholesale trade	3.44	4.73	6.96	8.89	9.16	9.35	5.37	5.33	5.11	5.24	5.22	5.2
Retail trade	2.44	3.36	4.88	5.85	5.94	6.03	3.81	3.78	3,59	3.45	3.38	3.3
Finance, insurance, real estate	3.07	4.06	5.79	7.63	7.94	8.35	4.79	4.57	4.25	4.50	4.52	4.6
Services	2.81	4.02	5.85	7.59	7.90	8.16	4.38	4.53	4.30	4,48	4.50	4.5
Average weekly earnings	120	164	235	293	299	305	187	184	173	173	170	17
Manufacturing	134	191	289	374	386	396	209	215	212	221	220	22
Mining	164	249	397	504	520	525	256	280	292	297	296	29
Construction	195	266	368	459	464	466	304	300	270	271	265	26
Transportation, public utilities	156	233	351	438	450	459	243	262	258	258	257	25
Wholesale trade	137	183	267	342	352	359	214	206	197	202	200	20
Retail trade	82	109	147	174	175	176	128	123	108	103	100	9
Finance, insurance, real estate	113	148	210	279	289	304	176	167	154	164	165	17
Services	97	135	191	247	257	265	151	152	140	146	146	14

Source: U.S. Bureau of Labor Statistics, Employment and Earnings, monthly.

#### No. 647. Annual Percent Changes in Earnings and Compensation: 1976 to 1986

ITEM	1970- 1977	1977- 1975	1970- 1970	1970- 1980	1980- 1981	1981- 1982	1982- 1983	1980- 1984	1984- 1985	1980- 1983
Current dollars: Hourly earlings, total <sup>1</sup> Hourly earlings, manufacturing	8.8	8.4 8.6 8.5	8.3 8.6 9.4	8.1 8.5 10.4	8.9 9.9 9.4	5.9 6.3 7.8	4.4 4.0 4.3	3.7 4.1 3.8	3.0 3.8 4.4	2.2 2.0 3.6
Constant (1977) dollars: Hourly earnings, total <sup>1</sup> Hourly earnings, manufacturing	2.2	.8 .9 .8 7.7	-2.8 -2.4 -1.7 11.3	-4.9 -4.5 -2.8 13.5	-1.2 2 9 10.4	- -2 1.5 8.1	1.2 .9 1.5 3.2	.4 .6 4 4.3	6 .4 .8 3.6	.A 1.6 1.9

Represents zero.
 <sup>1</sup> Nonferm business sector.
 <sup>8</sup> See text, section 15.
 Source: U.S. Bureau of Labor Statistics, unpublished data.

# NO. 645. AVERAGE WEEKLY EARNINGS IN CURRENT AND CONSTANT (1977) DOLLARS, PRIVATE NONAGRICULTURAL AND MANUFACTURING INDUSTRIES: 1960 TO 1986

[In dollars. Gross earnings includes overtime. Based on reports from employing establishments and relate to full- and part-time wage and selary workers in nonagricultural establishments who worked during, or received pay for, any part of the pay partod which includes the 12th of the month. See headnote, table 646. See Historical Statistics, Colonial Times to 1970, series D 804, for average weekly earnings in manufacturing)

	PRIN NONAGRIK		MANUFA	CTURING		PRIN NONAGRIK		MANUFACTURING		
YEAR	Current dollers	Con- stant (1977) dollars <sup>1</sup>	Current dollers	Con- stant (1977) dollars <sup>1</sup>	YEAR	Current dollars	Con- stant (1977) dollars <sup>1</sup>	Current dollars	Con- stant (1977) dollars 1	
1980	80.7 95.5 119.6 154.8 163.5 175.5 189.0 203.7	165.0 183.2 186.9 190.1 184.2 186.9 189.0 169.3	89.7 107.5 133.3 176.8 190.8 209.3 226.9 249.3	183.5 206.4 206.0 217.2 214.9 222.9 228.9 231.7	1979	235.1 255.2 267.3	183.4 172.7 170.1 186.1 171.3 172.8 170.4 171.1	269.3 286.6 318.0 330.3 354.1 374.0 386.4 396.0	224.8 212.9 212.9 207.7 216.0 220.7 220.2	

<sup>&</sup>lt;sup>1</sup> Earnings in current dollars divided by the Consumer Price Index (CPI–W) on a 1977 base; see text, section 15. Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

#### NO. 848. PRODUCTION WORKERS, MANUFACTURING INDUSTRIES—AVERAGE HOURLY EARNINGS, BY STATE: 1980 TO 1986

#### [In dollars]

DIVISION AND STATE	1980	1981	1982	1983	1984	1985	1986	DIVISION AND STATE	1980	1981	1982	1983	1984	1985	1986
U.S	7.27	7.99	8.49	8.83	9.19	9.53	9.73	S.A.—Con.				-	150	1	1
-	1100			-			-	VA	6.22	6.84	7.37	7.79	8.10	8.51	8.84
N.E.:			100	7.5		100		WV	8.08	8.80	9.40	9.74	9.93	10.24	10.38
ME	6.00	6.66	7.22	7.61	8.05	8.40	8.65	NC	5.37	5.94	6.35	6.68	7.01	7.29	7.54
NH	5.87	6.41	6.94	7.42	7.86	8.39	8.80	SC	5.59	6.18	6.68	7.03	7.28	7.61	7.92
VT	6.14	6.79	7.35	7.66	8.03	8.41	8.83	GA	5.77	6.37	6.75	7,13	7.58	8.10	8.34
MA		7.01	7.58	8.01	8.50	9.00	9.24	FL	5.98	6.53	7.02	7.33	7.62	7.86	8.02
RI	5.59	6.10	6.61	6.92	7.33	7.59	7.90	E.S.C.:							
CT	7.08	7.67	8.23	8.76	9.22	9.57	10.07	KY	7.34	7.86	8.38	8.79	9.28	9.53	9.86
MA:	,,,,,		-	0.10				TN	6.08	6.72	7.16	7.49	7.93	8.29	8.58
NY	7.18	7.84	8.35	8.84	9.22	9.67	9.92	AL	6.49	7.01	7.33	7.58	7.97	8.48	8.64
NJ	7.31	8.05	8.66	9.11	9.50	9.86	10.13	MS W.S.C.:	5.44	6.01	6.41	6.70	6.95	7.22	7.46
PA	7.59	8.30	8.63	8.95	9.28	9.57	9.74	AR	5.71	6.26	6.69	7.05	7.31	7.57	7.76
E.N.C.:	7.00	0.00	0.00	0.00	0.20	0.01	5.74		7.74	8.58	9.38	9.79	10.06	10.43	10.60
OH	8.57	9.53	10.07	10.56	10.96	11.38	11.56	OK	7.36	8.20	8.69	9.21	9.64	9.86	9.80
IN	8.49	9.37	9.79	10.10	10.45	10.71	10.81	TX	7.15	7.95	8.60	8.88	9.04	9.41	9.65
R	8.02	8.91	9.31	9.70	10.08	10.37	10.67	Mt.:		1.00	0.00	0.00			
MI	9.52	10.53	11.18	11.62	12.18	12.64	12.80	MT	8.78	9.09	9.86	10.44	10.76	10.95	10.95
WI		8.80	9.37	9.78	10.03	10.26	10.35	ID	7.55	8.23	8.62	8.98	9.34	9,41	9.66
W.N.C.:	0.00	0.00	0.07	0.10	10.00	10.20	10,00	WY	7.01	7.89	8.62	8.73	9.14	9.64	9.70
	7.61	8.40	9.11	9.56	9.75	10.05	10.20	CO	7.63	8.28	8.63	8.97	9.24	9.52	9.81
IA		9.60	10.01	10.09	10.24	10.32	10.33	NM		6.54	7.22	7.60	7.97	8.41	8.78
MO		7.90	8.46	8.89	9.31	9.57	9.80	AZ	7.29	8.02	8.73	8.99	9.09	9.48	9.84
AIC	0.00	7.12	7.50	7.73	7.86	8.05	8.18	UT	7.02	7.74	8.40	8.69	8.92	9.64	10.05
60	6.50	7.12	7.36	7.31	7.14	7.43	7.72	NV	7.72	8.42	8.80	9.02	9.12	9.15	9.36
AIF	7.38	8.01	8.47	8.76	8.93	9.02	9.26	Pac.:	4.4	4.1	1100		1.12		W.C.
VC.	7.37	8.05	8.80	9.23	9.38	9.45	9.74	WA	(NA)	(NA)	11.23	11.42	11.57	11,63	11.77
S.A.:	1.31	6.05	0.80	8.23	9,30	9,40	3.74	OR	8.65	9.47	10.02	10.25	10.44	10.50	10.56
-	7.58	8.28	8.64	9.19	9.28	9.86	10.11	CA	7.70	8.56	9.24	9.52	9.77	10.12	10.37
MATO	7.61	8.39	8.78	9.19	9.45	9.73	9.96	AK	10.22	11.42	11.74	12.33	12.25	12.19	11.62
MD	8.46	8.88	9.37	9.75	10.10	10.48	10.28	Н ,	6.83	7,53	7.97	8.23	8.35	8.65	8.86
DC 1,	0.46	6.88	9.37	9,75	10.10	10.48	10.28	1770	77						1

NA Not available. <sup>1</sup> Represents Washington, DC metropolitan area.

Source: U.S. Bureau of Labor Satistics, Employment and Earnings, monthly. Compiled from data supplied by cooperating State agencies.

### No. 650. AVERAGE ANNUAL PAY, BY STATE: 1984 TO 1986

(the deliters except percent change. For workers covered by State unemployment insurance laws and for Federal civilian workers covered by unemployment compensation for Federal employees, approximately 90 percent of total civilian employment. Excludes most agricultural workers on small farms, all Armed Forces, elected officials in most States, relived employees, most domestic workers, employees of certain nonprofit organizations and most self-employed individuals. Pay includes bonuses, cash value of meets and lodging, and tips end other gratuities. Minus sign (—) indicates decrease

2.02	AVERA	GE ANNU	AL PAY	PERCENT		22.5	AVERA	GE ANNU	AL PAY	PERCENT	
STATE	1984	1985	1986 1	1984- 1985	1985- 1986	STATE	1984	1985	1986 1	1984- 1985	1985- 1986
U.S	18,353	19,185	19,966	4.5	4.1	MO	17,600	18,338	18,915	4.2	3,
AL	10 202	17,023	17,638		3.6	MT		15,932	16,085	3.0	3.1
				5.1			15,162	15,616			3.1
K		28,699	28,442	4	9	NV		18,179	18,739	3.5	6.4
Z		18,037	18,870	4.0	4.6	NH		17,205	18,303	6.4	
R		15,553	16,162	3.9	3.9	NJ	19,871	21,077	22,309	6.1	5.8
A		20,950	21,995	5.3	5.0	NM	16,426	16,989	17,301	3.4	1.1
20		19,569	20,275	4.1	3.6	NY	20,752	21,901	23,200	5.5	5.1
T		21,226	22,516	6.1	6.1	NC		16,226	17,001	5.2	4.
DE	. 18,505	19,150	19,639	3.5	2.6	ND		15,588	15,778	2.0	1.3
OC	25,121	26,160	27,137	4.1	3.7		18,786	19,433	19,902	3.4	2.
FL	16,184	16,958	17,679	4.8	4.2	OK	17,612	18,196	18,345	3.3	- 1
3A	16,954	17,912	18,746	5.7	4.7	OR	17,392	17,837	18,322	2.6	2.7
HI		17,329	18,101	3.8	4.5	PA	17,931	18.649	19,404	4.0	4.
D	15,793	16,353	16.602	3.5	1.5	RI.	16,150	16.664	17,733	4.4	5.2
L	19.722	20,601	21,452	4.5	4.1	SC	15,305	15.944	16,600	4.2	4.1
N		18,501	19.024	3.8	2.8	SD	13,530	13,987	14,477	3.4	3.5
A		16.097	16,598	2.7	3.1	TN	16,217	16,987	17,661	4.7	4.0
KS		17,331	17,934	3.9	3.5	TX	18,860	19,616	19,934	4.0	1.0
CY		16.941	17,357	1.9	2.5	UT	17,174	17,577	17,863	2.3	1.6
A		18,216	18,290	2.5	.4	VT	15,264	16.023	16,857	5.0	5.3
ME		15,428	16,326	3.9	5.8	VA	17,271	18,089	18,972	4.7	4.1
NDON		19.092	20,121	5.2	5.4	WA.	18.382	18.949	19.645	3.1	3.
VA		19.627	20.925	6.6	6.6	w		18,019	18,405	3.1	2
WI.		21.884	22,720	4.5	3.8	W		17,594	18,202	3.3	3.5
VIN.		18.818	19.630	4.3	4.3	WY		18,950	18,969	3.4	1 3
MS		14,951	15,420	3.8	3.1	**	10,010	10,500	10,000	0.4	

<sup>\*</sup> Preliminary, revised since originally published.

Source: U.S. Bureau of Labor Statistics, Employment and Wages, Annual Averages 1985, and USDL News Release 67-377, Average Annual Pay by State and Industry, 1987.

## NO. 651. FULL-TIME WAGE AND SALARY WORKERS—NUMBER AND MEDIAN WEEKLY EARNINGS, BY SELECTED CHARACTERISTIC: 1963 TO 1966

[In current dollars of usual weekly earnings. Data represent annual averages of quarterly data. Data revised since previously published. See text, section 13 for a discussion of occupation data. Based on Current Population Survey; see text, section 1, and Appendix III. For definition of median, see Guide to Tabular Presentation]

202120202	NUME	ER OF WO	RKERS (1,	(000)	MEDIA	N WEE	KLY EAR	INTINGS
CHARACTERISTIC	1983	1984	1985	1986	1983	1984	1985	198
All workers	70,976	74,912	77,002	78,727	\$313	\$326	\$343	\$35
Aale 16 to 24 years old 25 years old and over emale 16 to 24 years old 25 years old and over	42,309 6,702 35,697 28,667 5,345 23,322	44,654 7,153 37,501 30,258 5,538 24,720	45,589 6,956 38,632 31,414 5,621 25,793	46,233 6,822 39,410 32,494 5,513 26,981	378 223 406 252 197 267	391 231 422 265 203 282	406 240 442 277 210 296	411 24 46 29 21 30
Vhite Male Female Slack Male Female Slack Male Semale Slack Male Semale Slack Male Sem	61,739 37,378 24,361 7,373 3,863 3,490	64,889 39,331 25,558 8,023 4,227 3,797	66,481 40,030 26,452 8,393 4,367 4,026	67,779 40,471 27,308 8,654 4,464 4,190	319 387 254 261 293 231	336 400 268 269 302 241	355 417 281 277 304 252	37/ 43/ 29/ 29/ 31/ 26/
Family relationship: Husbands Wives Women who maintain families Mon who maintain families		29,932 15,821 4,220 1,212	30,260 16,270 4,333 1,313	30,491 16,820 4,512 1,411	410 257 256 377	429 272 266 380	455 285 278 396	47 29 29 39
Occupation: Managerial and professional  Exec., admin., managerial  Professional specially	8,117	18,580 8,856 9,725	19,381 9,328 10,053	20,095 9,777 10,317	437 460 422	468 483 455	488 497 481	50 51 50
Tech. sales, and admin. support	2,574 6,313	22,590 2,664 6,850 13,076	23,425 2,762 7,156 13,507	24,060 2,821 7,395 13,844	281 357 306 263	295 379 319 275	307 398 335 286	32 41 35 30
Service	7,321 278 1,453 5,590	7,624 338 1,457 5,828	7,910 342 1,483 6,085	8,061 334 1,589 6,138	205 117 344 191	212 134 365 199	216 132 381 203	12 12 39 20
Precision production <sup>1</sup>	3,538	10,644 3,707 3,249 3,687	10,932 3,897 3,361 3,674	10,851 3,723 3,469 3,659	377 376 374 382	384 388 383 379	397 400 393 398	40 40 40
Operators, fabricators and laborers	6,990 3,358	14,129 7,299 3,651 3,179 1,345	14,067 7,181 3,648 3,238 1,288	14,342 7,254 3,684 3,404 1,318	275 263 328 243 196	287 277 344 251 203	295 287 360 251 212	30 25 36 26 21

<sup>1</sup> including crafts and repair.

# No. 652. MEDIAN USUAL WEEKLY EARNINGS OF FAMILIES, BY TYPE OF FAMILY AND NUMBER OF WORKERS: 1960 TO 1986

[Annual averages of quarterly figures based on Current Population Survey; see text, section 1, and Appendix III. For families with wage and salary workers]

FAMILY TYPE AND NUMBER OF WORKERS		NUMB	ER OF FA (1,000)	MILIES	-	MEDIA		L WEEK (dollars)	LY EAR	NINGS
	1980	1983	1984	1985	1986	1980	1983	1984	1985	1986
Total families '. Married couple families. One worker. Husband. Wife. Other.	14,797 12,127 2,059	40,701 33,032 14,321 11,088 2,522 712	40,944 33,070 13,532 10,604 2,220 708	41,616 33,459 13,347 10,346 2,243 758	42,101 33,569 13,049 9,979 2,351 719	400 433 303 336 159 163	471 511 350 400 199 190	499 548 371 418 205 197	522 582 385 440 217 204	543 606 393 459 223 210
Two workers or more <sup>3</sup> Husband and wife only Husband and other family member(s). Wife and other family member(s)	2,369	18,710 12,983 2,084 529	19,537 13,564 2,182 498	20,112 14,019 2,159 514	20,520 14,347 2,056 532	535 507 557 350	645 615 651 392	682 650 685 424	715 684 689 454	744 712 720 480
Families maintained by women One worker Two or more workers	4,022	5,956 4,190 1,766	6,294 4,343 1,951	6,470 4,397 2,073	6,718 4,607 2,110	222 184 370	269 218 440	284 227 455	297 234 487	307 242 499
Families maintained by men	1,647 1,016 631	1,713 1,066 647	1,581 963 618	1,688 1,031 656	1,814 1,133 681	360 283 502	410 321 587	421 334 611	450 346 625	444 351 637

<sup>&</sup>lt;sup>1</sup> Excludes families where the husband, wife, or householder is self-employed. 
<sup>2</sup> Includes other combinations not shown eparatisly.

Source of tables 651 and 652: U.S. Bureau of Labor Statistics, *Employment and Earnings*, January Issues.

## I. 863. NUMBER OF WORKERS WITH EARNINGS AND MEDIAN EARNINGS, BY OCCUPATION OF LONGEST JOB HELD AND SEX: 1986

chillens 15 years old and over as of March 1987. Based on Current Population Survey; see text, section 1, and Appendix III. For definition of median, see Guide to Tabular Presentation)

		ALL WO	ORKERS		ł	YE	AR ROUND	FULL-TIME		
CCCUPATION GROUP OF	Wo	men	M	len	Wo	men	M	len	Ratio: 1	
OLEN GOL TERMO	Num- ber (1,090)	Median earn- ings	Num- ber (1,000)	Median earn- ings	Num- ber (1,000)	Median earn- ings	Num- ber (1,000)	Median earn- ings	Num- ber	Medi- an earn- ings
l :	87,803	\$10,016	96,728	\$16,782	28,420	\$16,232	45,912	\$25,256	.82	.94
s, administrators, and orialngl specialty	5,162 8,051	19,133 18,195	8,494 7,620	32,071 31,654	3,911 4,590	21,432 23,076	7,265 6,061	34,962 35,143	.54 .76	.61 .66
l and related support upport, Incl. clerical	1,702 7,745 16,239	16,014 5,475 11,581	1,797 7,424 3,694	25,213 21,076 17,679	1,094 2,688 9,305	19,236 12,958 15,509	1,355 5,368 2,609	27,980 26,803 22,718	.81 .50 3.45	.85 .45
production, craft and operators, assemblers,	1,361	11,807	13,494	19,710	752	16,810	9,174	24,261	.06	.64
spectors Islion and material moving . equipment cleaners.	3,806 458	9,373 8,327	5,091 4,637	17,058 17,480	1,968 131	12,324 14,310	3,45 <b>9</b> 2,998	20,551 21,770	.57 .04	.60
i, and laborers	1,022	5,883	5,112	7,872	318	12,198	2,055	17,694	.15	.66
household	11,431 1,347	4,529 1,549	7,197 61	9,319 (B)	3,458 189	10,367 6,838	3,630 4	17,332 (B)	.95 47.25	.ac (x
forestry, end fishing	10,084 <b>69</b> 7	5,156 2,271	7,138 3,790	9,468 4,908	3,267 182	10,568 8,032	3,628 1,760	17,345 10,748	.90 .10	.61 .78

se less than 75,000. X Not applicable. ¹ Includes persons whose longest job was in the Armed Forces. t.U.S. Bureau of the Ceneus, *Current Population Reports*, series P-60, No. 158.

## 864. EFFECTIVE FEDERAL MINIMUM HOURLY WAGE RATES, 1950 TO 1987, AND COVERAGE IN 1986

re estimates as of September 1983, except as indicated. The Fair Labor Standards Act of 1938 and subsequent teants provide for minimum wage coverage applicable to specified nonsupervisory employment categories. Exempt from ge are executives and administrators or professionals]

		UM RATE		Mini-		NO	BUPERVIS	ORY EM	PLOYEES, 1	900
		Per-	1	mum rates			Subjec	at to min	imum wag	e rates
FPECT	Laws prior to 1980 <sup>1</sup>	cent, avg. eem- ings	1980 and leter <sup>2</sup>	for farm work- ers 4	SEX, RACE, AND INDUSTRY	Total (1,000)	Total (1,000)	Per- cent of total	Prior to 1980 * 7 (1,000)	1980 and leter <sup>3</sup> (1,000
1980 1966		54 52	8888	888	Total	85,417	74,680	87.A	47,630	27,06
861	1.15	50	1 200	l % (	Male	44,734	39,007	87.2	26,432	12.57
963	1.25	51	1 23	<del> </del>	Female	40.683	35,673	87.7	21,196	14.47
967	1.40	50	\$1.00	\$1.00	White	75,125	65,449	87.1	42,549	22,90
988	1.60	54	1.15	1.15	Black and other	10.292	9,231	89.7	5,081	4,15
988		51	1.30	1.30	Black only	9,373	8,406	89.7	4,638	3,77
970	(*)	49	1.45	(3)	,	1	1	1 1		
971		46	1.60	(*)	Private Industry	1 584	64,397 802	86.7 38.5	47,630	16,76
774		46	1.90	1.60	MiningConstruction	855	651	99.4	651	
975	2.10	45	2.00	1.80	Construction	4,787	4,765	99.5	3,973	79
76		48	2.20	2.00	Manufacturing	17,053	16,581	97.2	16,478	103
777		42	2.30	2.20	Transp., public utilities Wholesale trade	4,758	4,727	99.3	4,649	71
78	2.65	44	2.65	2.65	Wholesale trade	5,044	4,023	79.8	3,774	24
979	2.90	45	2.90	2.90	Retail trade	16,357	13,931	85.2	7,109	6,82
980	3.10	44	3.10	3.10	Finance, insurance,		l			
<b>16</b> 1	3.35	43	3.35	3.35	real estate	5,473	4,150	75.8	3,968	16
967	(*)	34	(*)	(*)	Service *	17,899	13,942	77.9	7,006	6,93
			1	1	Private households Government 9 10	1,544	1,025	100.0	-	1,02

presents zero. X Not applicable. 

Applies to workers covered prior to 1961 Amendments and, after Sept. 1985, to covered by 1961 Amendments. Rates set by 1961 Amendments were: Sept. 1981, \$1.00; Sept. 1984, \$1.15; end Sept. 25.

Bercent of gross everage hourly semings of production workers in manufacturing.

Applies to workers newly by Amendments of 1986, 1974, and 1977, and fills IX of Education Amendments of 1972.

Includes workers in retail-service establishments with less 1974, and 1977 Amendments.

No change in rate.

Pincludes workers in refact-service establishments with less 1970 or of enterprises covered under criteria in effect prior to the 1988 Amendments.

Currently employed workers subject to provisions. 

states became subject under the 1974 Amendments.

Currently employed workers subject to provisions. 

states became subject on everage employment for the ten-month active season.

Estimates for educational services in private and government relate to October.

r. U.S. Department of Labor, Employment Standards Administration, Minimum Wage and Maximum Hours Standards Under Labor Standards Act, 1981, annual; and unpublished data.

#### No. 655. EMPLOYMENT COST INDEX (ECI), BY INDUSTRY AND OCCUPATION: 1981 TO 1986

[The ECI is a measure of the rate of change in employee compensation (wages, salaries, and employer costs for employee benefits). Data are not seasonally adjusted. Beginning June 1986, based on fixed employment counts from the 1980 Cansus of Population; 1981–1985 based on 1970 Cansus of Population.

Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Commit			(Jun	INDEXE				PERCE		NGE FO	R 12 M	ONTH
ITEM	Dec. 1981	Dec. 1982	Dec. 1983	Dec. 1984	Dec. 1985	June 1986	Dec. 1986	Dec. 1982	Dec. 1983	Dec. 1984	Dec. 1985	Dec 198
Civilian workers 1	100	-	117.8	123.9		131.5	133.8	6.6	5.7	5.2	4.3	3.6
White-collar workers	104.1	111.9	118.9 115.8	125.5		134.2 126.8	136.9 128.4	6.7	6.3	5.6	3.3	2.0
Service workers	104.2	112.4	119.1	126.8	131.8	133.7	136.6	7.9	6.0	6.5	3.9	3.
Workers, by industry division: Manufacturing	104.8	110.4	118.6	122.0 124.8		128.7	130.1 135.4	6.2 6.7	5.1 6.1	5.2 5.2	3.3 4.6	3.
ServicesPublic administration	106.0	115.0 113.6	122.6 121.4	130.9 128.6		139.4 138.0	143.6 141.6	7.4	6.6	6.8 5.9	4.7	5.
Private industry workers 2	104.0	110.7	117.0	122.7	127.5	129.9	131.6	6.4	5.7	4.9	3.9	3.
White-collar workers Blue-collar workers Service workers	104.0	110.8 110.3 111.8	117.9 115.7 117.9	123.9 120.6 125.7	124.4	132.5 126.3 131.1	134.3 127.8 133.5	6.5 6.1 8.4	6.4 4.9 5.5	5.1 4.2 6.6	4.8 3.2 3.0	3.
Workers, by industry division: Manufacturing	104.0	110.4	116.0 117.5	122.0	126.0 128.4	128.7 130.6	130.1	6.2 6.6	5.1	5.2 4.8	3.3	3.
Workers by bargaining status: Union Non-union		112.3 109.7		123.9 121.9		128.7 130.2	129.8 132.1	7.2 6.0	5.8 5.7	4.3 5.2	2.6 4.6	2
State and local government workers	107.4	115.1	122.0	130.1	137.5	139.7	144.7	7.2	6.0	6.6	5.7	5.3
Workers, by occupational group: White-collar workers		115.8	122.6	131.1		140.5	146.0 139.5	7.4 6.7	5.9 5.5	6.9 5.6	5.7 5.4	5.1
Workers, by industry division: Services Schools	107.9	115.9	122.6	131.3	139.1	140,8	146.6	7.4 7.3	5.8	7.1	5.9	5.4
Elementary and secondary  Hospitals and other services 4	108.3	116.6 116.0 113.6	123.9 122.6 121.4	133.5 129.2 128.6	140.3 142.0 135.2 134.8	141.7 143.2 137.9 138.0	150.3 141.1 141.6	7.7 7.6 7.2	5.9 6.3 5.7 6.9	7.7 5.4 5.9	6.4 4.6 4.8	5.0

¹ Includes private industry and State and local government workers and excludes farm, household, and Federal government workers.
¹ Consists of legislative, judicial, administrative, and regulatory activities.
² Excludes farm and household workers.
¹ Includes fibrary, social, and health services.

# No. 656. EMPLOYEES WITH EMPLOYER- OR UNION-PROVIDED PENSION PLANS, OR GROUP HEALTH PLANS, BY OCCUPATION AND INDUSTRY: 1985

[In thousands, except percent. For civilian wage and salary workers 15 years old and over as of March 1996. Based on Current Population Survey; see text, section 1, and Appendix III]

OCCUPATION	Total	PENS PLA	HON		GROUP H PLANS	INDUSTRY	Total	PENS PLA	ION		GROUP 1 PLANS
		Num- ber	Per- cent	Num- ber	Per- cent			Num- ber	Per- cent	Num- ber	Per- cent
Total 1	114,410	48,950	42.8	66,914	90.2	Total 1	114,410	48,950	42.8	66,914	<b>90.1</b>
Managerial and professional specially	25,444 11,790	15,601 7,008	61.3 59.4	19,460 9,449	76.5 60.1	Agriculture, for- estry, fisheries Mining Construction Menufacturing	2,429 1,094 6,866 22,772	259 617 2,305 13,002	10.7 56.4 33.6 57.1	594 898 3,728 18,367	24.5 62.1 54.3 80.6
Prof. specially Technical, sales and admin.		8,593	62.9	10,011	73.3	Transportation, public utilities Wholesale trade	4,538	4,992 1,895	<b>63</b> .7	6,250 3,221	79.7 71.0
Service workers Pvt. household	17,415	14,922 3,795 7	41.3 21.8 .5	21,589 5,800 29	59.7 33.3 2.0	Retail trade Finance, insurance, real estate	7,079	4,031 3,463	19.6 48.9	7,561 5,014	70.1
Service, exc. pvt. household Farming, forestry		3,786	23.7	5,771	36.1	Business services Personal services Entertainment and	4,690	1,593 482	27.3 10.3	2,830 1,061	48.1 22.0
and fishing Precision prod., craft, and repair	2,861 13,187	6,397	9.4 48.5	9,348	20.8 70.9	recreation Professional and related	1,592 23,436	257 11,753	16.1 50.1	474 14,587	29.0
Operatives, febricators and laborers	19,177	7,900	41.2	12,038	62.8	Public adminie- tration	5,563	4,240	76.2	4,261	70.4

I Includes civilians whose longest job was in the Armed Forces, not shown separately.

Source: U.S. Bureau of the Census, Current Population Reports, series P-80, No. 155.

Source: U.S. Bureau of Labor Statistics, News, Employment Cost Index, quarterly.

#### NO. 657. EMPLOYEE BENEFITS IN MEDIUM AND LARGE FIRMS: 1986

[For January through June, Covers full-time employees in private industry; excludes small firms (establishments with fewer than 50 to 250 employees, depending on the industry), executive management and traveling operating employees, and Alaska and Hawaii.

Covers only benefits for which the employer pays part or all of the premium or expenses involved. Based on sample survey of establishments!

TYPE OF EMPLOYEE BENEFIT	All em- ploy- ees	Professional and administrative employ-	Technical and clerical employ-	Pro- duc- tion em- ploy- ees	TYPE OF EMPLOYEE BENEFIT	All em- ploy- ees	Profes- sional and adminis- trative employ- ees	Technical and cleri- cal em- ploy- ees	Pro- duc- tion em- ploy- ees
Percent of employees					Retirement and savings				
participating in-	des		200		plans—Con.	J			1
Paid: Vacations		99	100	100	Employee stock owner-	30	- 00	- 00	000
Holidays		99	100	98	ship Profit sharing	22	32	32	2/
Jury duty leave	93	96	96	90	Money purchase pension	22	22	1	27
Funeral leave		87	87	88	Slock purchase pension	3	-	3	1 5
Rest time	72	58	69	82	Additional benefits: 2	3		3	
Military leave	66	74	72	58		86	82	77	92
Sick leave	70	93	93	45	Parking Educational assistance	76	86	84	68
Personal leave	25	33	35	15	Employee discounts	57	54	61	66
Lunch time		3	4	17	Travel accident insurance.	52	72	63	56
Insurance plans:	10		7		In-house infirmary		47	38	50
Health	95	96	94	96	Severance pay	45	61	57	50
Noncontributory		52	45	61	Relocation allowance	43	82	41	24
Hospital/surgical 1		94	94	95	Recreation facilities	33	37	31	32
Mental health care		94	94	94	Subsidized meals	21	28	26	16
Mental health care			91	87	Nonproduction bonuses,	-			
Private duty nursing	89	92			cash	20	22	20	15
Dental	67	71	68	65	Gifts, non-cash	14	14	14	14
Extended care facility		70	66	65	Financial counseling	11	13	14	1 6
Home health care		67	66	58	Supplemental unemploy-	1.00			
Vision		37	39	38	ment benefits	8	4	3	13
Life		97	96	95	Subsidized commuting	5	8 2	7	1 3
Noncontributory		87	87	86	Prepaid legal services	3	2	2	1 5
Accident/sickness	49	28	35	69	Child care	1	2	1	1
Noncontributory	41	22	28	59	Flexible benefits plans	2	4	2	1 1
Long-term disability	48	68	60	30	Reimbursement accounts a	- 5	9	7	1
Noncontributory	38	52	47	24	Mean number of—	MODE	1000	100	100
Retirement and savings plans:		J. 17			Paid holidays	10.0	10.2	9.8	10.0
Defined benefit pension	76	78	78	74	1 year		10.1	9.6	7.5
Noncontributory		73	74	69	3 years	10.5	11.0	10.5	10.2
Defined contribution	60	71	70	49	5 years	12.7	13.5	13.0	12.0
		39	36	17	10 years	15.8	16.5	16.0	15.3
Savings and thrift	28	39	36	1/	15 years	18.5	19.0	18.9	17.5
					20 years	20.6	21.2	20.7	20.3
					25 years	22.2	22.7	22.5	21.7

Includes physicien visits in hospitals, diagnostic X-ray and lab, and audilary hospital services. \* 1985 data, except flexible benefit plans and reimbursement accounts for 1986. \* Account which is used throughout the year to pay for plan premiums or to reimburse the employee for benefit related expenses. Account may be financed by employer, employee, or both.

Source: U.S. Bureau of Labor Statistics, Employee Benefits in Medium And Large Firms, 1985 and 1986, Bulletins 2282 and 2281.

# No. 656. Work Disability Status, by Occupation, Health and Pension Coverage, and Industry: 1987

[In thousands, except percent. As of March. For civilian noninetitutional population, 16-64 years old]

OCCUPATION AND COVERAGE	WIT	PIK	WITH WO DISAB	RK	INDUSTRY	WIT	PIK	WITH WO DISAB	RK
	Num- ber	Per- cent	Num- ber	Per- cent		Num- ber	Per- cent	Num- ber	Per- cent
Total employed	3,785	3.5	103,088	96.5	Agriculture	126	4.7 5.8	2,5 <del>6</del> 0	95.3
OCCUPATION					Mining	21	2.6	782	97.4
	1.353	100		1.53	Construction		4.3	6.446	95.7
Managerial, prof. specialty		2.5		97.5	Manufacturing		3.1	19,496	96.9
Tech. sales, adm. support		3.1	32,467	96.9	Durable goods	384	3.2	11,623	96.8
Service		4.9		95.1	Nondurable goods	236	2.9	7,873	97.1
Farm, forest, lish	135	4.7	2,742	95.3		22.5	12.3	11.5	100
Precision production, craft	100	100	100		Transp., communication, and	Labor.	155	E 19	1
and repair		4.1	12,390	95.9	other public utilities	270	3.6	7,237	96.4
Operators, fabricators, laborers	695	4.2	15,762	95.8	Wholesale trade	156	3.6	4,228	96.4
	1	1			Retail trade	596	3.3	17,402	96.7
COVERAGE			100		Finance, insurance, and real			444	40.4
Marked in 1006	3,515	24	101,147	96.6	estate	177	2.5	6,991	97.5
Worked in 1986	3,010	3.4	101,147	30.0	Services 1	1,351	3.9	32,932	96.1
Covered by—	1,134	2.7	41,474	97.3	Business services	211	6.0	4,342	95.4
Both health and pension					Personal services			3,778	94.0
Health only		2.9		97.1 97.3	Public administration	168	3.4	4,836	96.6
Pension only	108	2.7	3,946	97.3			1	1	1

I includes inclustries not shown separately.

Source: U.S. Bureau of the Census, unpublished data.

#### No. 659. Major Collective Bargaining Agreements—Average Percent Effective Wage Adjustments: 1975 to 1986

[In percent, except as Indicated. Data represent all wage adjustments implemented under the terms of private nonfarm industry agreements affecting 1,000 workers or more. Series cover production and related workers in menufacturing and nonsupervisory workers in nonmanufacturing industries. Effective wage adjustment data measure all wage changes effective in the year stemming from settlements reached in the year, deferred from prior year agreements, and cost-of-living adjustment (COLA) clauses]

ADJUSTMENTS	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Total effective adjustments (prorated over all workers)	8.7	8.1	8.0	8.2	9.1	9.9	9.5	6.8	4.0	3.7	3.3	2.3
Current settlements	2.8 3.7 2.2	3.2 3.2 1.6	3.0 3.2 1.7	2.0 3.7 2.4	3.0 3.0 3.1	3.6 3.5 2.8	2.5 3.8 3.2	1.7 3.6 1.4	.8 2.5 .6	2.0	1.8 -7	1.7
Industry: Manufacturing	9.2 6.4	8.5 7.7 7.2 7.8 8.8 5.7	8.4 7.6 6.5 8.5 8.7 6.7	8.6 7.9 6.5 8.2 8.4 8.8	9.6 8.8 7.1 11.2 6.7 7.0	10.2 9.7 9.9 10.8 7.6 8.1	9.4 9.5 11.2 8.6 8.1 9.6	5.2 7.9. 9.7 7.1 6.8 7.8	2.7 4.8 4.4 4.4 5.1 7.0	4.3 3.3 2.9 3.0 3.4 4.9	2.8 3.6 3.0 3.6 3.3 5.1	1.5 2.9 3.0 2.7 2.9 3.7
construction	9.3	7.9	8.1	8,5	9.5	9.6	8.8	7.1	5.0	3.4	3.7	2.5
Effective wage change for workers receiving change							9.6	7.2	4.7	4.4	4.1	2.1
Current settlements							9.8 5.3 6.1	7.4 6.3 3.1	2.8 5.9 2.1	3.0 4.0 2.7	3.4 3.7 2.2	1.6 3.9 1.0
Total number of workers receiving wage change (mil.)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	8.6	7.9	6.5	6.2	5.6	5.4
Source (mil.): Current settlements							2.3 6.3 4.5	1.9 4.8 3.8	2.3 3.3 2.3	1.9 3.7 2.5	1.4 3.4 2.3	1.5 2.6 1.4
Number of workers not receiving a wage change (mil.)							La	.5	1.2	1.1	1,4	1.2

#### NA Not available.

Source: U.S. Bureau of Labor Statistics, Current Wage Developments, monthly.

## NO. 660. MAJOR COLLECTIVE BARGAINING SETTLEMENTS—AVERAGE PERCENT ADJUSTMENTS IN WAGES AND COMPENSATION NEGOTIATED: 1975 TO 1986

[In percent, except se indicated. Data represent private nonfarm industry settlements effecting production and related workers in manufacturing and nonsupervisory workers in nonmanufacturing industries. Wage data cover units with 1,000 workers or more. Compensation data relate to units of 5,000 or more. Data relate to contracts negotiated in each calendar year but exclude possible adjustments in wages under cost-of-living adjustment (COLA) clauses, except increase guaranteed by the contract. Includes all settlements, whether wages and benefits were changed or not. Minus sign (—) indicates decrease]

ADJUSTMENTS	1975	1976	1977	1976	1976	1980	1961	1982	1963	1984	1985	1986
Compensation:												
First year	11.4	8.5	9.6	8.3	9.0	10.4	10.2	3.2	3.4	3.6	2.6	1.1
Over life of contract 1	8.1	6.6	9.6 6.2	6.3	6.6	7.1	8.3	2.8	3.0	2.8	2.7	1.6
Wage-rates:												
All industries:					1	1	1				1	
First year	10.2	6.4	7.8	7.6	7.4	9.5	9.8	3.8	2.6	2.4	2.3	1.2
Contracts with			1					ł				
_ COLA	12.2	8.4	8.0	6.9	6.2	8.0	8.0	2.2	1.9	2.9	1.6	1.9
Contracts without		۱										_
<b>∞LA</b>	9.1	8.3	7.6	8.0	9.1	11.7	10.6	7.0	3.3	2.1	2.7	
Over Itle of contract 1	7.8	6.4	5.8	6.4	6.0	7.1	7.9	3.6	2.8	2.4	2.7	1.8
Contracts with										٠.		
COLAContracts without	7.1	5.7	5.0	5.3	4.6	5.0	5.5	2.1	2.0	1.8	2.5	1.7
COLA	8.3	7.3	6.9			10.3	8.8	6.6	3.7	2.7	2.8	1.0
	6.3	7.3	0.9	7.1	8.0	10.3	0.5	0.0	3.7	2.1	2.0	1.0
Menufacturing:			İ		i					ł		
First year	9.8	8.9	8.4	8.3	6.9	7.4	7.2	2.8	.4	2.3	.8	-12
Over itte of		ļ		l	l	l	1	1			1	
contract 1	8.0	6.0	5.5	6.6	5.4	5.4	6.1	2.6	2.1	1.5	1.8	. 2
Nonmanufacturing:		l		l								
First year	10.4	7.7	7.4	7.4	8.0	10.9	11.2	4.8	3.8	2.5	3.3	2.0
Over life of		۱		۱						١		
contract 1	7.8	8.8	6.0	6.4	6.8	8.3	8.8	4.7	3.2	2.9	3.3	2.3
Number of workers		l		1	ĺ	1			[	1		l
affected (mil.)	2.9	4.1	4.0	2.5	3.5	3.8	2.4	3.3	3.1	2.3	2.2	2.5
Menutecturing (mil.)	.8	2.1	1.8	.8	1.0	1.6	.8	1.7	1.1	وّ ا	.0	4
Nonmenutacturing (mil.)	2.1	2.0	2.4	2.0	1.6	2.2	1.6	1.6	2.0	1.4	1.3	1.3

<sup>&</sup>lt;sup>1</sup> Average annual rate of change.

Source: U.S. Bureau of Labor Statistics, Current Wage Developments, monthly.

#### No. 661. Major Collective Bargaining Settlements—Selected Characteristics by Contract Duration: 1986

abor of workers in thousands. For settlements reached in 1985 affecting 1,000 or more workers. For private nonfarm lastly settlements affecting production and related workers in menufacturing and nonsupervisory workers in nonmenufacturing lastifies!

				CONTRACT (	OURATIO	on (months)		
CHARACTERISTIC	All contracts	Less then 12	12	Be- tween 12 and 24	24	Be- tween 24 and 36	36	More than 36
ber of settlements	2,496	14 34 10.1	35 111 12.0	34 77 18.4	61 224 24.0	105 636 31.4	198 693 36.0	123 711 37.1
at year of contract to contract to the period of contract to the period contract to the period of contract to the period o	2.1 1.9	2.1 (x) (x) 3.2	.6 (X) .6	1.7 .4 (X) 1.4	3 3.1 (X) 1.3	1.4 2.3 1.6 2.0	2.0 2.3 2.5 2.3	.7 1.7 1.7 1.4

Not applicable. <sup>1</sup> For settlements with a duration of greater than 12 months. <sup>2</sup> For settlements with a duration of ler than 24 months. <sup>3</sup> Average annual percent adjustment.

#### No. 662, WORK STOPPAGES: 1960 TO 1966

udes work stoppages involving fewer than 1,000 workers and lasting less than 1 day. Information is based on reports of labor guites appearing in daily newspapers, trade journals, and other public sources. The parties to the disputes are contacted by aphone, when necessary, to clarify details of the stoppages

			DAYS	IDLE				DAYS	IDLE
YEAR	Num- ber of work stop- pages <sup>1</sup>	Work- ers in- volved * (1,000)	Num- ber <sup>2</sup> (1,000)	Per- cent esti- meted work- ing time 4	YEAR	Num- ber of work stop- pages <sup>3</sup>	Work- ers in- volved <sup>2</sup> (1,000)	Num- ber <sup>2</sup> (1,000)	Per- cent esti- meted work- ing time*
	222 266 412 361 298 250 317 424 235 231	996 996 1,576 2,468 2,516 975 1,400 1,796 985 1,519	13,260 15,140 29,397 52,761 35,538 16,764 16,260 31,809 17,563 23,962	.09 .10 .16 .29 .19 .09 .08 .16	1977 1978 1979 1980 1981 1982 1983 1984 1985	296 219 235 187 145 96 81 62 54	1,212 1,006 1,021 795 729 656 909 376 324 533	21,258 23,774 20,409 20,844 18,906 9,061 17,461 8,499 7,079 11,861	.10 .11 .09 .09 .07 .04 .08 .04

leginning in year indicated.

\*Workers counted more than once if involved in more than 1 stoppage during the year.

\*Ready from all stoppages in effect in a year, including those that began in an earlier year.

\*Agricultural and government employare included in the total working time; private household, forestry and fishery employees are excluded.

### NO. 663. WORKERS KILLED OR DISABLED ON THE JOB, 1960 TO 1986, AND BY INDUSTRY GROUP, 1986

86 data are preliminary estimates. Estimates based on data from U.S. National Center for Health Statistics, State departments of health, and State industrial commissions. Numbers of workers based on data from U.S. Bureau of Labor Statistics]

			DEAT	гнв					DEA	TH8	
EAR	Tota	•	Manufa	cturing	Nonma turi	nufac- ing	Dis- abling inju-	YEAR AND INDUSTRY	Num-		Die- abling inju- ries *
	Num- ber (1,000)	Rate 1	Num- ber (1,000)	Rate 1	Num- ber (1,000)	Rate 1	ries <sup>a</sup> (1,000)	GROUP	(1,000)	Rate 1	ries * (1,000)
3	13.8 14.1 13.8 13.0 13.2 11.7 11.5 11.4	21 20 18 15 13 12 11 11	1.8 1.8 1.7 1.6 1.7 1.2 1.1	10 10 9 9 8 6 6	12.1 12.3 12.1 11.4 11.5 10.5 10.4 10.1	25 24 21 17 15 13 12 12	1,950 2,100 2,200 2,200 2,200 1,900 1,900 2,000 1,800	1986, total	1.7 .4 2.1 1.1 1.5 1.1	10 52 50 33 6 27 4 5	1,800 170 40 220 310 160 310 350

Per 100,000 workers. \*Disabiling injury defined as one which results in death, some degree of physical impairments, or lare the person unable to perform regular activities for a full day beyond the day of the injury. \*Includes kneeding wind ag. \*Includes wholesele and relatificate. \*Includes finance, insurance and real estate.

were: National Safety Council, Chicago, IL, Accident Facts, annual. (Copyright.)

urcs: U.S. Bureau of Labor Statistics, Current Wage Developments, March 1987.

surce: U.S. Bureau of Labor Statistics, Current Wage Developments, monthly.

#### No. 664. OCCUPATIONAL INJURY AND ILLNESS INCIDENCE RATES, SELECTED INDUSTRIES: 1975 TO 1985

[Rates per 100 full-time employees. For nonfarm employment data, see table 642. Rates refer to any occupational injury or illness resulting in (1) fatalities, (2) lost workday cases, or (3) nonfatal cases without lost workdays. Incidence rates were calculated as: Number of injuries and illnesses or lost workdays divided by total hours worked by all employees during year multiplied by 200,000 as base for 100 full-time equivalent workers (working 40 hours per week, 50 weeks a year). Based on the 1972 Standard Industrial Classification (SIC) Manual]

SIC 1	INDUSTRY	TOT	AL CAS	ES 2	LOS	CASES	DAY	NONFA LOS	TAL CASI	ES, NO		OST KDAYS
CODE		1975	1980	1985	1975	1980	1985	1975	1980	1985	1980	1985
(x)	Private sector 1	9.1	8.7	7.9	3.3	4.0	3.6	5.8	4.7	4.3	65.2	64.9
A	Agriculture, forestry, fishing *	10.5	11.9	11.4	4.4	5.8	5.7	6.0	6.1	5.6	82.7	91.3
B	Minion	***	11.2	8.4	5.6	6.5	4.8	5.4	4.6	3.6	163.6	145.3
10	Metal mining	6.5	8.9	6.1	4.4	5.5	3.3	2.1	3.4	2.7	129.3	113.5
11	Anthracite mining	28.4	13.8	8.7	10.2	8.5	7.0	18.1	5.2	1.5	276.7	445.8
12	Bituminous coal and lignite	10.8	10.1	6.6	6.4	8.3	5.1	4.3	1.8	1.5	252.3	199.2
13	Metal mining Anthracite mining Bituminous coal and lignite Oil and gas extraction Nonmetallic minerals, exc. fuels	14.0	13.4	10.1	6.2 3.5	6.7 3.6	5.3 2.6	7.7	6.6 1.8	4.8 1.3	152.7 88.8	143.8
	Nonmetalic minerals, exc. ruels	0.0	100	100	10000	1	100		1000		1,000	
C	General building contractors Heavy construction contractors	15.9	15.7	15.2	5.5	6.5	6.8	10.4	9.1	8.4	117.0	128.5
15	General building contractors	15.5	15.5	15.2	5.3	6.5	6.8	10.2	9.0	8.4	113.0	120.4
17			15.5	15.4	5.4	6.7	7.0	10.1	8.8	8.4	118.9	133.3
D	Manufacturing	40.0	12.2	10.4	4.5	10000	1.00	8.5	6.8	5.8	86.7	80.2
	Manufacturing	13.0	12.2	10.4	4.8	5.4 5.6	4.6	9.4	7.3	6.2	90.9	82.0
(x) 24	Lumber and wood products	21.0	18.6	18.5	8.5	9.5	9.3	12.5	9.1	9.2	171.8	171.4
25	Furniture and fixtures	15.9	16.0	15.0	5.1	6.6	6.3	10.8	9.4	8.7	97.6	100.4
25 32	Stone, clay, and glass products	16.0	15.0	13.9	5.9	7.1	6.7	10.1	7.9	7.2	128.1	127.8
33	Manufacturing Durable goods Lumber and wood products Furniture and fixtures Stone, clay, and glass products Primary metal industries Fabricated metal products Machinery, exc. electric Electric and electronic equipment Transportation equipment Instruments and related products	17.0	15.2	12.6	6.1	7.1	5.7	10.9	8.1	6.8	128.3	113.8
34	Fabricated metal products	19.1	18.5	16.3	6.6	8.0	6.9	12.5	10.5	9.4	118.4	110.1
35	Machinery, exc. electric	14.9	13.7	10.8	4,6	5.5	4.2	10,3	8.2	6.6	81.3	69.3
36	Electric and electronic equipment	8.5	8.0	6.4	2.5	3.3	2.7	6.0	4.7	3.7	51.8	45.7
37	lests mosts and related products	6.0	10.6	9.0	4.5	4.9 2.7	3.9	7.9 4.8	5.7	5.0	82.4 41.8	71.6
39	Instruments and related products Miscellaneous Nondurable goods Food and kindred products Tobacco manufactures Textile mill products Apparel and other textile products Paper and allied products Printing and publishing Chemicals and allied products Petroleum and coal products Petroleum and coal products	11 3	10.9	9.7	3.6	4.3	4.2	7.7	6.5	5.6	67.9	73.2
(x)	Nondurable goods	11.4	11.1	9.6	4.1	5.0	4.4	7.3	6.1	5.2	80.4	77.6
(x) 20	Food and kindred products	18.3	18.7	16.7	4.1 7.3	9.0	8.1	11.0	9.7	8.6	136.8	138.0
21	Tobacco manufactures	10.3	8.1	7.3	3.9	3.8	3.0	6.4	4.3	4.3	45.8	51.7
22	Textile mill products	10.2	9.1	7.5	2.5	3.3	3.0	7.7	5.8	4.5	62.8	57.4
23	Apparel and other textile products	6.0	6.4	6.7	1.6	2.2	2.6	4.3	4.2	4.1	34.9	44.1
26	Paper and allied products	13.3	12.7	10.2	4.1	5.8	4.7	9.1	6.9	5.5	112.3	94.6
27	Printing and publishing	6.7	6.9	6.3	2.4	3.1	2.9	4.3 5.5	3.8	3.5 2.8	46.5 50.3	49.2 38.8
29	Petroleum and coal products	9.4	7.2	5.1 5.1	3.1	3.1	2.3	5.8	3.7	2.7	59.1	49.9
30	Rubber and misc. plastics products	15.7	15.5	13.4	6.7	7.4	2.4 6.3	9.0	8.1	7.1	118.6	107.4
31	Petroleum and coal products	11.2	11.7	10.3	3.8	5.0	4.6	7.4	6.7	5.7	82.7	88.3
E	Transportation, public utilities Railroad transportation. Local passenger transit * Trucking and warehousing Water transportation Air transportation Pipelines, except natural gas Transportation services Communication Electric, gas, sanitary services	9.4	9.4	8.6	4.7	5.5	5.0	4.7	3.8	3.6	104.5	107.1
40	Railroad transportation	8.5	11.1	8.4	4.9	7.2	5.8	3.6	3.8	2.6	107.6	92.0
41	Local passenger transit	8.4	9.5	9.4	4.2	5.2	5.4	4.1	4.3	3.9	92.9	120.7
44	Water transportation	14.8	14.9	13.9	7.5 8.2	9.0	8.5 7.2	7.2	5.9	5.4 5.8	187.9	210.1
45	Air transportation	14.0	13.3	13.1	7.4	8.2	7.4	7.5	5.1	5.7	105.0	116.3
46	Pipelines, except natural gas	4.7	5.2	3.7	1.6	1.7	1.6	3.0	3.5	2.1	31.0	45.8
47	Transportation services	6.2	4.7	3.9	2.9	2.5	2.2	3.3	2.2	1.7	40.0	42.6
48	Communication	3.0	2.8	2.9	1.5	1.6	1.6	1.5	1.2	1.3	28.6	24.2
49	Electric, gas, sanitary services	9.3	8.6	6.9	3.7	4.3	3.4	5.6	4.2	3.5	70.8	62.4
F, G	Wholesale and retail trade	7.3	7.4	7.4	2.6	3.2	3.2	4.7	4.2	4.2	48.7	50.7
F	Wholesale trade	8.2	8.2	7.2	3.2	3.9	3.5	5.0	4.3	3.6	58.2	59.8
G	Retail trade		7.1	7.5	2.4	2.9	3.1	4.6	4.2	4.4	44.5	47.0
Н	Finance, insurance, real estate "	2.2	2.0	2.0	.8	.8	.9	1.4	1.1	1.1	12.2	15.4
60	Banking	1.8	1.5	1.6	.6	.6	.7	1.2	.9	1.0	8.1	10.7
62	Security, commodity brokers	1.0	1.7	.6	.4	.7	.3	1.1	.5	1.0	10.8	18.0
64	Insurance goests brokers and	1.7	1.7	1.8	.6		.8	1.1	1.0	1.0	10.8	18.0
04	Insurance agents, brokers, and service	(NA)	.8	.7	(NA)	3	3	(NA)	.5	.4	4.2	5.2
65	Real estate	5.0	4.4	4.2	1.9	2.2	2.1	3.1	2.2	2.1	32.8	34.6
- 1	Services 3	5.5	5.2	5.4	2.0	2.3	2.6	3.5	2.9	2.8	35.8	45.4
70	Hotels and other lodgings		8.9	10.0	2.6	3.7	4.3	5.6	5.2	5.8	50.8	64.1
72	Personal services	3.3	2.9	2.9	1.3	1.3	1.5	2.0	1.6	1.5	22.6	28.4
73	Business services	5.0	4.4	4.7	2.0	2.1	2.2	3.0	2.3	2.5	31.1	46.6
75	Auto repair, services, and garages	9.0	7.5	6.5	3.4	3.3	3.2	5.6	4.2	3.3	47.8	51.5
76	Miscellaneous repair services	10.2	8.8	7.9	3.9	4.2	4.0	6.3	4.6	3.9	63.8	69.4
78	Motion pictures	3.4	4.7	4.1	1.0	1.6	1.6	5.7	3.1	2.6	31.6	31.7
79	Amusement, recreation services	8.6	9.2	8.2	2.8	3.8	3.5	5.7	5.4	4.6	53.8	51.2
80	Health services	6.8	6.4	7.1	2.5	3.1	3.6	4.3	3.3	3.5	47.4	63.2
82	Legal services	(NA) 3.5	3.3	3.4	(NA)	1.4	1.4	(NA)	1.9	2.0	(NA) 18.6	22.6
83	Social services	5.2	5.1	6.0	2.0	2.2	2.6	3.2	2.9	3.3	32.3	45.0
84	Museums, botanical, zoological	3.2		5.0	1 2,5	1	1	0.2		0.0	1	100
100	gardens	7.9	7.5	6.0	2.6	3.3	2.7	5.2	4.1	3.3	35.4	39.3
86	Membership organizations	3.0	3.4	(NA)	1.1	1.0	(NA)	1.9	2.4	(NA)	24.6	(NA
89	Miscellaneous services	23	1.6	1.7	.7	.7	.7	1.6	.9	1.0	10.8	8.5

NA Not available. X Not applicable. \* Standard Industrial Classification; see text, section 13.

\* "Cases" represents occurrences. Includes fatalities for all employers.

\* Excludes farms with fewer than 11 employees.

\* Includes interurban.

Source: U.S. Bureau of Labor Statistics, Occupational injuries and titnesses in the United States by Industry, annual.

No. 665. U.S. MEMBERSHIP IN AFL-CIO AFFILIATED UNIONS BY SELECTED UNION: 1975 TO 1987

(in thousands. Figures represent the labor organizations as constituted in 1967 and reflect past merger activity. Membership figures based on average per capital paid membership to the AFL-CIO for the 2-year period ending in June of the year shown and reflect only actively-employed members)

LABOR ORGANIZATION	1975	1975	1896	1967	LABOR ORGANIZATION	1975	1975	1905	1967
Total 1	14,070	13,621	11,260	12,002	Graphic Communications * Hotel Employees and	198	171	141	136
Automobile, Aerospace and	1	I			Restaurant Employees	421	373	327	293
Agriculture (UAW)	i ∞	60	974	996	Ironworkers	160	146	140	122
Bakery, Confectionery and	"	**			Laborers	475	475	363	371
Tobacco *	149	131	115	109	Letter Cerriers (NALC)	151	151	188	200
Boller Makers, Iron			1		Machinists and Aerospace				
Shipbuilders *	123	129	110	90	(IAM)	780	864	520	509
Brickleyers		106	95	84	Musicians	215	206	67	80
Carpenters *		629	909	809	Oil, Chemical, Atomic				"
Clothing and Textile Workers				000	Workers (OCAW)	145	146	108	96
(ACTWU)	377	306	228	195	Painters	160	160	133	126
/	3//	300	220	195	Paperworkers Int'l	275	262	232	221
Communication Workers		ı	1		Plumbing and Pipelitting	228	228	226	220
(CWA)	476	486	524	515	Postal Workers	249	245	232	230
Electrical Workers (IBEW)	656	825	791	765					ł
Electronic, Electrical and	000	620	791	/00	Retail, Wholesale Depart-				
	~~~	243	196	165	ment Store *	120	122	106	140
	255 300		330		Rubber, Cork, Linoleum,				
Operating Engineers	123	313		330	Plestic	173	158	106	97
Firefighters	123	150	142	142	Service Employees (SEIU) *	490	537	898	782
Food and Commercial		l			State, County, Municipal				
Workers (UFCW) *	1,150	1,123	909	1,000	(AFSCME)	847	889	997	1,032
		۱		٠	Steetworkers	1,062	984	572	494
Germent Workers (ILGWU)	363	314	210	173	Teachers (AFT)	396	423	470	490
Government, American Fed-		1		٠	Transport Workers	95	65	85	86
eration (AFGE)	255	236	199	157	1			1	1

X Not applicable. 1 Includes other AFL-CIO affiliated unions, not shown separately. 8 Figures reflect mergers with one or more unions since 1975. For details see source.

Source: American Federation of Labor and Congress of Industrial Organizations, Washington, DC, Report of the AFL-CIO Executive Council, annual.

#### NO. 656, U.S. UNION MEMBERSHIP, BY STATE: 1975 TO 1982

[Date represent enrusi average, duse-paying full-time equivalent membership derived from financial records. Excludes unemployed members, in general, annual per capita revenues received by the perent organization were divided by the per capita rate to yield membership. For unions with multiple duse structures or other structures, other methods were used. See text, section 13 and source for details. A right-to-work State has laws which prohibit collective bargaining contracts from including clauses requiring union membership as a condition of employment]

STATE	TO	TAL (1,0	00)		ACENT PLOYED		STATE	то	TAL (1,00	00)		APLOYE	
	1975	1980	1982	1975	1980	1982		1975	1980	1982	1975	1980	1982
U.S. 1	22,207	20,968	19,571	28.9	23.2	21.9	MS *	84 575	78	74 510	12.6	9.5	9.3
L .	275	245	239	23.9	18.1	18.2	MO		568 70	59	31.8	25.0	21.7
K		56	59	41.2	33.1	30:4	NE 1		104	98	19.3	16.6	16.3
Z 3		152	132	20.9	14.9	12.8	NV 1		103	90	37.4	25.8	22.1
R S		107	95	18.4	14.5	13.2	NH.	50	49	48	16.9	12.7	12.3
Α		2,693	2,495	34.5	27.3	25.4	NJ	758	684	613	28.4	22.3	19.9
0		236	236	23.6	18.9	18.0	NM	62	59	61	17.0	12.6	12.8
т		267	269	27.7	18.7	18.9	NY	2,937	2,628	2,589	11.0	36.5	35.8
E	58	58	53	25.8	22.3	20.3	ND 3		39	36	19.4	15.7	142
C	191	216	199	33.0	35.1	33.4	OH		1,312	1.132	36.1	30.0	27.4
f	427	348	359	15.6	9.7	9.6	OK		172	160	19.5	15.1	12.9
A 2	249	282	279	14.4	13.1	12.7	OR	000	289	264	33.9	27.6	27.5
11	44-	129	126	34.3	31.8	31.5	PA		1,370	1,230	34.3	28.8	27.0
0	52	56	50	19.4	17.1	16.1	RI		76	76	26.3	19.1	19.4
	4 550	1,431	1,261	35.1	29.5	27.5	SC 1	0.0	73	68	6.8	6.2	5.8
V	0.00	627	505	31.6	29.5	25.1	SD <sup>3</sup>	28	25	24	13.3	10.7	10.3
A 5		238	211	23.4	21.4	20.5	TN s	324	305	292	21.7	17.5	17.3
S+	128	121	110	16.0	12.8	12.0	TX		755	782	16.0	12.9	12.5
ΥΥ	257	251	237	24.6	20.7	20.4	UT 3		99	94	22.4	18.0	16.8
A 5	237	235	223	19.8	14.9	13.8	VT		25	24	16.3	12.3	11.9
AE		87	76	20.7	20.7	18.5	WA	253 540	229 543	232 517	44.7	10.6	32.9
AD		314	311	27.5	18.3	18.6	wv		184	176	37.1	28.5	28.9
AA	565	515	517	24.3	19.4	19.7	WI		492	457	31.5	25.4	24.5
Al	1.040	1,212	1.076	42.2	35.2	33.7	WY 3	-	37	34	22.6	17.5	15.6
MN	400	431	419	29.0	24.3	24.5	TT - CONGRESSION OF THE	7 00		44	-		1

Nonagriculture employed. \*\* Includes Canal Zone, Guam, Puerto Rico and Virgin Islands not shown separately. \*\* Right-to-work State. \*\* Right-to-work State for 1975 and 1980. \*\* Right-to-work State beginning 1980.

Source: Industrial Relations Data and Information Services, West Orange, NJ, U.S. Union Sourcebook. (Copyright.)

No. 667, UNION MEMBERS, BY SELECTED CHARACTERISTICS: 1983 AND 1986

Annual everages of monthly data. Covers employed wage and salary workers 16 years old and over. Excludes self-employed workers whose businesses are incorporated attrough they technically quality as well execute a Appendix III]

		ı	EMP	OVED WA	GE AND S	EMPLOYED WAGE AND SALARY WORKERS	RKERS					MED	IAN USU	MEDIAN USUAL WEEKLY EARNINGS 3 (dol.)	KLY EA	SONING	(dol.)	
CHARACTERISTIC	Total (1,000)	(1,000)	Union members (1,000)	on ers i	Represe unio (1,0	Represented by unions a (1,000)	Percent union members	ent on bers	Per repres by u	Percent represented by union	٢	Total	Union	on sers :	Represent ed by unions a	sent-	repres by cr	Not represented by unions
	1983	1986	1983	1986	1983	1986	1983	1986	1983	1986	1983	1986	1983	1986	1963	1986	1983	198
Total	88,290	96,903	17,717	16,975	20,532	19,278	20.1	17.5	23.3	19.9	313	358	388	1	383	439	288	326
6-24 years grant property and the second property of the second prop	19,305	19,663	1,749	1,385	2,145	1,655	9.1	7.0	11.1	8.4	210	231	281	310	275	306	203	22
25-34 years	25,978	29,357	5,097	4,674	5,990	5,398	19.6	15.9	23.1	18.4	321	360	385	25	376	417	304	33
45-54 years	13,150	14,287	3,554	3,531	4,014	3,908	27.0	24.7	30.5	27.4	366	415	8	489	4	479	335	88
55-64 years 65 years and over	1,834	1,950	2,474	2,245	2,788	2,478	10.1	8.9	30.3	10.5	348	396	338	377	330	376	316	37
Wenter	47,856	51,942	11,809	11,173	13,270	12,317	24.7	21.5	18.0	23.7	378	419	416	482	414	481	349	38
	1200	20.746	7	1000	17 180	200			900		9 6	2 5	3 8	3 5	200	2	3 00	
Wer	42.168	45,334	10.134	9,505	11,364	10,461	24.0	21.0	26.9	23.1	387	433	253	489	421	488	362	34
Мотел	34.877	38,410	4,710	4,557	5,818	5,483	13.5	0.5	16.7	14.3	554	28	314	376	313	374	240	27
Ver	4,477	5,124	1,420	1,395	1,615	1.549	31.7	27.2	36.1	30.5	283	918	366	415	360	413	244	27
Women	4,502	5,257	1,020	1,040	1,235	1,223	22.7	19.8	27.4	23.3	231	263	292	338	287	332	508	8
Vapanic Type Company of the Company	33	4,046	33	826	33	908	33	20.4	33	22.3	33	299	33	412	33	409	33	88
Women	(NA)	2,648	8×	367	(M)	436	3	13.9	3	16,5	3	241	3	308	3	308	(NA)	22
Full-time workers.	70,976	78,727	16,271	15,698	18,745	17,748	8.4	19.9	10.3	8.4	£8	328	388	<b>4</b> 8	883	88	888	328
Managerial and professional specialty	19,657	22,492	3,354	3,328	4,307	4,213	17.1	14.8	21.9	18.7	437	208	423	205	421	497	446	88
Technical sales, and admin. support	12.875	13.609	1.971	1,920	2,306	2,166	16.3	14.1	17.9	15.9	202	22	3050	356	288	350	182	88
Precision, production, craft, and repair	10,542	11,455	3,466	3,268	3,760	3,489	32.9	28.5	35.7	30.5	377	408	456	512	450	88	322	98
Operators, tabricators, and taboters	1,775	1,747	98	109	122	121	5.5	90.5	6.9	9.0	196	212	285	356	287	320	98	88
Agricultural wage and salary workers	1,446	1,437	11 023	36	13 360	12 185	4.8	2.5	8.0	2.9		247	(8)	€ 64 64 64 64 64 64 64 64 64 64 64 64 64 6	(B)	(E)	186	28
Wining	888	822	180	144	202	157	20.7	17.5	23.5	100		510	470	513	470	513	488	8
Construction	4,109	4,959	1.131	1,092	1,207	1,158	27.5	55.0	29.4	23.4		380	518	280	510	285	588	35
Manufacturing Transportation and oublic utilities	5,142	5,715	2,182	2,023	2,376	2,192	42.4	35.4	46.2	38.3	_	\$ E	449	15	45	208	386	43.6
Wholesale and retail trade, total	18,081	19,839	1,568	1,425	1,775	1,554	8.7	7.2	9.8	7.8	_	280	353	384	348	381	242	27
Finance, insurance, and real estate	18,400	21.036	1410	1329	1 770	1 643	7.7	9.9	9.0	3.6	*	300	303	349	38	389	88	308
Government	15,618	18 374	5 735	5 888	2 100	7071	7 26	98.0	A S	49.5	_	909	900				2	

For Matine B Data not shown where base is less than 50,000. NA Not evaluable. I Manubars of a labor union or an employee secondation similar to a labor union. But on an employee secondation similar to a union as well as workers who report no union attituded but whose bible are covered by a union or an employee secondation context, employee secondation or an employee secondation context employees also or the context and all of the context of the context is a union or an employee secondation context.

Bource: U.S. Buresu of Labor Statistics, Employment and Earthas, Jenuary leaves.



Section 14

## Income, Expenditures and Wealth

section presents data on gross national product (GNP), national and personal income, and investment, money income, poverty, and national and personal wealth. The data on and expenditure measure two aspects of the U.S. economy. One aspect relates to the nacrome and product accounts (NIPA), a summation reflecting the entire complex of the Naconomic income and output and the interaction of its major components; the other relates to ribution of money income to families and individuals, or consumer income.

primary source for data on GNP, national and personal income, and gross saving and investthe Survey of Current Business, published monthly, with supplements, by the Department of
irce, Bureau of Economic Analysis (BEA). A comprehensive revision to the NIPA was comin December 1985. A discussion of the revision appears in the December 1985 Survey of
'Business. Detailed historical data appear in The National Income and Product Accounts of
ited States, 1929-82, Statistical Tables and the July 1986 issue of the Survey of Current
is; detailed data for the most recent years are normally published each July in the Survey.
ces of income distribution data are the decennial censuses of population and the Current
ion Survey (CPS), both products of the Bureau of the Census (see text, section 1. Annual
i income of families, individuals, and households, by income class, are presented in Current
ion Reports—Consumer Income, series P-80.

on individuals' saving and assets are published by the Board of Governors of the Federal e System in the quarterly *Flow of Funds Accounts*; and detailed information on personal is published periodically by the Internal Revenue Service (IRS) in *SOI Bulletin*.

Interview and product.—Gross national product (GNP) is the total national output of and services valued at market prices. GNP can be viewed in terms of expenditure categories comprise purchases of goods and services by consumers and government, gross private do-investment, and net exports of goods and services. The goods and services included are those bought for final use (excluding illegal transactions) in the market economy. A number resions, however, represent imputed values, the most important of which is rental value of occupied housing. GNP, in this broad context, measures the output attributable to the factors uction—labor and property—supplied by U.S. residents. GNP differs from "national income" in that GNP includes allowances for depreciation and for indirect business taxes (sales and y taxes); see table 672.

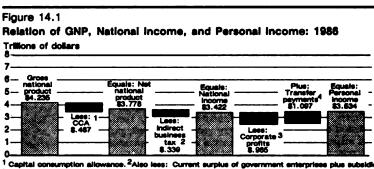
nal income is the aggregate of labor and property earnings which arises in the current proof goods and services. It is the sum of employee compensation, proprietors' income, rental , corporate profits, and net interest. It measures the total factor costs of the goods and servoduced by the economy. Income is measured before deduction of taxes on income.

tal consumption adjustment for corporations, nonfarm sole proprietorships and partnerships lifference between capital consumption claimed on income tax returns and capital consumptions that are measured at straightline depreciation, consistent service lives, and replace-ost. The tax return data are valued at historical costs and reflect changes over time in servand depreciation patterns as permitted by tax regulations. Inventory valuation adjustment into the difference between the book value of inventories used up in production and the cost using them.

pnal income is the current income received by persons from all sources minus their personal utions for social insurance. Classified as "persons" are individuals (including owners of uninted firms), nonprofit institutions serving individuals, private trust funds, and private noninvelfare funds. Personal income includes transfers (payments not resulting from current projetom government and business such as Social Security benefits, public assistance, etc., studes transfers among persons. Also included are certain nonmonetary types of incomeestimated net rental value to owner-occupants of their homes and the value of services

furnished without payment by financial intermediaries and food and fuel produced and consumed on farms.

Disposable personal income is personal income less personal tax and nontax payments. It is the income available to persons for spending and saving. Personal tax and nontax payments are tax payments (net of refunds) by persons (except personal contributions for social insurance) that are not chargeable to business expense, and certain personal payments to general government that are treated like taxes. Personal taxes include income, estate and gift, and personal property taxes and motor vehicle licenses. Nontax payments include passport fees, fines and penalties, donations, and tuitions and fees paid to schools and hospitals operated mainly by government.



- is not interest and contributions for social insurance.

4 Also-plus personal interest and personal dividend incom

Source: Chart prepared by U.S. Bureau of the Census. For data see table 672.

Consumer Expenditure Survey.—The Consumer Expenditure Survey program was begun in late 1979. The principal objective of the survey is to collect current consumer expenditure data which provide a continuous flow of data on the buying habits of American consumers. The data are necessary for future revisions of the Consumer Price Index.

The survey conducted by the Bureau of the Census for the Bureau of Labor Statistics, consists of two components: (1) An interview panel survey in which the expenditures of consumer units are obtained in five interviews conducted every 3 months; and (2) a diary or recordkeeping survey completed by participating households for two consective 1-week periods.

Each component of the survey queries an independent sample of consumer units representative of the U.S. urban population. Over 52 weeks of the year, 5,000 consumer units are sampled for the diary survey. Each consumer unit keeps a diary for two 1-week periods yielding approximately 10,000 diaries a year. The interview sample is selected on a rotating panel basis, targeted at 5,000 consumer units per quarter. Data are collected in 85 urban areas of the country that are representative of the U.S. urban population. The survey includes students in student housing.

The Diary survey is designed to obtain expenditures on small, frequently purchased items which are normally difficult for respondents to recall. Detailed records of expenses are kept for food and beverages, both at home and in eating places, tobacco, housekeeping supplies, nonprescription drugs, and personal care products and services.

The Interview survey is designed to obtain data on the types of expenditures which respondents can be expected to recall for a period of 3 months or longer. In general, these include relatively large expenditures, such as those for property, automobiles, and major appliances, or expenditures which occur on a fairly regular basis, such as rent, utilities, or insurance premiums. Including 'global estimates" for food, it is estimated that about 95 percent of expenditures are covered in the interview. Excluded are nonprescription drugs, household supplies, and personal care items. The interview survey also provides data on expenditures incurred while on trips. Both surveys exclude all business related expenditures for which the family is reimbursed.

Distribution of money income to families and individuals.—Money income statistics are based on data collected in various field surveys of income conducted since 1936. Since 1947, the Bureau of the Census has collected the data on an annual basis and published them in Current Population Reports, series P-80. In each of the surveys, enumerators interview representative samples of the population with respect to income received during the previous year. Money income as defined by the Bureau of the Census differs from the BEA concept of "personal income."

Data on consumer income collected in the CPS by the Bureau of the Census cover money income received (exclusive of certain money receipts such as capital gains) before payments for personal income taxes, Social Security, union dues, Medicare deductions, etc. Therefore, money income does not reflect the fact that some families receive part of their income in the form of non-cash benefits (see section 12) such as food stamps, health benefits, and subsidized housing; that some families receive noncash benefits in the form of rent-free housing and goods produced and consumed on the farm; or that noncash benefits are also received by some nonfarm residents which often take the form of the use of business transportation and facilities, full or partial payments by business for retirement programs, medical and educational expenses, etc. These elements should be considered when comparing income levels. For data on noncash benefits, see section 12. None of the aggregate income concepts (GNP, national income, or personal income) is exactly comparable with money income, although personal income is the closest.

Several changes were made in the collection and presentation of data from the March 1980 CPS. The changes include (1) the use of a more detailed income questionnaire for all sample households, (2) the use of an expanded sample, (3) the implementation of the "householder" concept rather than the traditional "head" concept, (4) the exclusion of a small number of "secondary families" from the count of all families, (5) the use of more detailed income intervals in the upper range of the income distribution, (6) the introduction of the new farm definition, and (7) the restriction of the population with income to persons 15 years old and over. For more information on the impact and comparability, see the source.

Beginning in the March 1981 Current Population Survey, 1980 census population controls were used; for income years 1971 through 1979, 1970 census population controls had been used. This change had little impact on income summary measures (means and medians) and proportional measures (percent distributions and poverty rates); however, use of the controls may have significant impact on the absolute numbers.

Income and poverty data for 1986 are the first estimates based entirely on households selected from the 1980 census-based sample design. Estimates by type of residence categories such as metropolitan, nonmetropolitan, farm, and nonfarm reflect metropolitan areas defined as of June 1984. In addition, the March 1987 CPS income supplement was revised to allow for the coding of larger earnings amounts on the questionnaire. A description of this change and its effect on estimates in this report can be found in *Current Population Reports*, series P-60, No. 157.

In October 1983, the Census Bureau began to collect data under the new Survey of Income and Program Participation (SIPP). The information supplied by this survey is expected to provide better measures of the status and changes in income distribution and poverty of households and persons in the United States. The data collected in SIPP will be used to study Federal and State aid programs (such as food stamps, welfare, Medicaid, and subsidized housing), to estimate program costs and coverage, and to assess the effects of proposed changes in program eligibility rules or benefit levels. The core questions are repeated at each interview and cover labor force activity, the types and amounts of income received, and participation status in various programs. The core also contains questions covering attendance in postsecondary schools and private health insurance coverage. Various supplements or topical modules covering areas such as educational attainment, assets and liabilities, and pension plan coverage are penodically included.

Poverty.—Families and unrelated individuals are classified as being above or below the poverty level using the poverty index originated at the Social Security Administration in 1964 and revised by Federal Interagency Committees in 1969 and 1980. The poverty index is based solely on money income and does not reflect the fact that many low-income persons receive noncash benefits such as food stamps, medicaid, and public housing. The index is based on the Department of Agriculture's 1961 economy food plan and reflects the different consumption requirements of families based on their size and composition. The poverty thresholds are updated every year to reflect changes in the Consumer Price Index. The following technical changes to the thresholds were made in 1981: (1) distinctions based on sex of householder have been eliminated; (2) separate thresholds for farm families have been dropped; and (3) the matrix has been expanded to families of nine or more persons from the old cutoff of seven or more persons. These changes have been incorporated in the calculation of poverty data beginning with 1981. The table on page 416 shows the average thresholds used for selected years between 1970 and 1986. See *Current Population Reports*, series P-60. Nos. 138, 149, 152, and 157 for more details.

WEIGHTED AVERAGE POVERTY LEVELS BASED ON MONEY INCOME FOR FAMILIES AND UNRELATED INDIVIDUALS: 1970 TO 1986

SIZE OF UNIT	1970 ¹	1975 1	1979 <sup>1</sup>	1980 ¹	1981	1982	1983	1984	1985	1986
1 person (unrelated individual)	\$1,954	\$2,724	\$3,689	\$4,190	\$4,620	\$4,901	\$5,061	\$5,278	\$5,469	\$5,572
Under 65 years	2,010	2,797	3,779	4,290	4,729	5,019	5,180	5,400	5,593	5,701
65 years and over	1,861	2,581	3,479	3,949	4,359	4,626	4,775	4,979	5,156	5,255
2 persons	2,525	3,506	4,725	5,363	5,917	6,281	6,483	6,762	6,998	7,138
Householder under 65 years Householder 65 years and	2,604	3,617	4,878	5,537	6,111	6,487	6,697	6,983	7,231	7,372
over	2.348	3,257	4,390	4,983	5,498	5,836	6.023	6.282	6.503	6,630
3 persons	3,099	4,293	5.784	6,565	7,250	7,693	7,938	8.277	8.573	8,737
4 persons	3,968	5,500	7,412	8,414	9,287	9,862	10,178	10,609	10,989	11,203
5 persons	4,680	6,499	8,775	9,966	11,007	11.684	12.049	12,566	13,007	13,259
6 persons	5,260	7,316	9,914	11,269	12,449	13,207	13,630	14,207	14,696	14,986
7 or more persons	6,468	9,022	12,280	13,955	(NA)	(NA)	(NA)	(NA)	(NA)	
7 persons	(NA)	(NA)	(NA)	(NA)	14,110	15,036	15,500	16.096	16.656	17,049
8 persons	(NA)	(NA)	(NA)	(NA)	15,655	16,719	17,170	17,961	18,512	18,791
9 or more persons	(NA)	(NA)	(NA)	(NA)	18,572	19,698	20,310	21,247	22,083	22,497

NA Not available. 1 Poverty levels for nonfarm families.

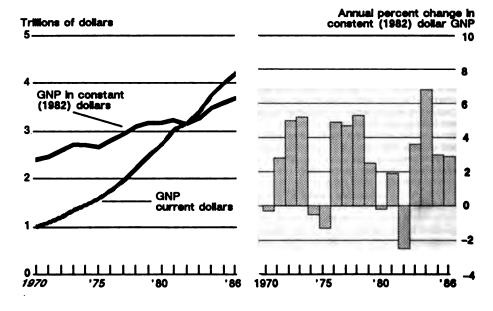
Personal wealth.—Personal wealth estimates, issued by the IRS, are based on a sample of Federal estate tax returns which must be filed for deceased persons. Estimates are weighted to adjust for age, sex, and "social class" (as determined by IRS through insurance holdings). Gross estate is the gross value of all assets, including the full face value of life insurance (reduced by policy loans), before reduction by the amount of debts. The level of gross estate or gross assets required for filling estate tax returns increased from \$60,000 which defined top wealthholders in 1972, to \$120,000 for 1976. Net worth is one's level of worth after all debts have been removed.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability pertaining to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to Historical Statistics of the United States. Colonial Times to 1970. See Appendix IV.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in State and Metropolitan Area Data Book 1986. For cross-references, see Appendix V.

Figure 14.2 Gross National Product (GNP): 1970 to 1986



Source: Chart prepared by U.S. Bureau of the Census. For data see table 688.

No. 665. GNP IN CURRENT AND CONSTANT (1982) DOLLARS: 1970 TO 1986 [In billions of deliars, except as indicated]

ITEM	1970	1975	1979	1980	1961	1982	1983	1984	1985	1986
CURRENT DOLLARS	D. 1		17.1			1.1		101		
s national product (GNP)	1,016	1,598	2,508	2,732	3,053	3,166	3,406	3,772	4,010	4,235
al consumption expenditures		1,013	1,567	1,733	1,915	2.051	2,235	2,431	2,629	2,800
ole goods	86	135	219	219	240	253	289	336	369	402
lurable goods	270	416	613	681	741	771	817	867	913	939
C85	284	461	735	832	935	1,027	1.129	1.228	1.348	1,458
private domestic investment	149	220	455	437	516	447	502	665	642	671
investment	146	225	442	445	492	472	509	597	632	655
nresidential	105	163	303	323	369	367	357	416	443	437
sidential	41	62	139	123	122	105	153	181	189	218
ge in business inventories	3	-6	13	-8	24	-25	-7	68	10	16
ports	9	31	19	32	34	26	-6	-59	-79	-106
rts goods and services	69	161	291	351	383	362	353	384	370	376
rts goods and services	61	130	273	319	349	336	359	442	449	482
ment purchases 1		335	468	530	588	642	675	736	819	870
ral	99	129	178	208	242	273	284	311	354	366
tional defense	77	90	122	143	168	194	214	234	259	278
and local	119	206	290	322	346	369	392	425	465	504
CONSTANT (1982) DOLLARS	1	1.04	7.4	10.50	100	1		13.5%	R. A	
s national product (GNP)	2,416	2,695	3,192	3,187	3,249	3,166	3,279	3,501	3,608	3,713
al consumption expenditures	1,492	1,712	2.004	2,000	2,024	2.051	2,146	2.249	2.353	2,451
ole goods	163	206	267	246	251	253	283	323	353	384
lurable goods	633	677	767	763	764	771	800	826	850	877
ces	697	830	971	992	1,009	1,027	1,063	1,100	1,150	1,190
private domestic investment	382	383	575	509	546	447	504	658	636	654
investment	373	396	560	516	522	472	510	596	629	640
nresidential	264	281	389	379	395	367	361	425	454	444
sidential	109	115	171	137	127	105	149	171	175	196
ge in business inventories	8	-13	15	-7	24	-25	-6	62	7	14
ports	-30	19	4	57	49	26	-20	-84	-108	-146
rts goods and services	178	260	357	389	393	362	348	372	365	377
rts goods and services	208	241	353	332	343	336	368	456	474	523
ment purchases 1	573	581	609	621	630	642	649	678	727	755
ra)	268	226	236	247	260	273	275	291	324	333
tional defense	(NA)	161	164	171	180	194	207	219	237	251
and local	304	355	373	374	370	369	374	387	403	422

lot available. 1 Purchases of goods and services.

te: U.S. Bureau of Economic Analysis, The National Income and Product Accounts of the United States, 1829-82, and of Current Business, July 1967 Issue.

### No. 669. GNP COMPONENTS-ANNUAL GROWTH RATES: 1965 TO 1966

set. Represents changes in constant 1982 dollar GNP. GNP = Gross national product. Minus sign ( ) indicates decrease)

		PE		ONSUMPTK NTURES	)N		PRIVATE DI		GOVERI PURCH			
	GMP		<b></b>				Fixed in	restment		01-1-	Imports	Ex-
		Total	Dura- ble goods	Non- durable goods	Serv- ices	Total 1	Resi- dential	Non- reel- dential	Feder- al	State and local		ports
970 971	5.0 2.8 5.0	3.8 3.1	3.8 9.7	3.1 1.2	4.5 3.3	.8 9.9	8 29.3	3.0 -2.1	1.9 -6.6	4.6 3.8 2.8	9.1 5.1	6.1 8.1
970 971 972 973 978 978 978 9778 978 980 981 981 983 984	5.2 5	5.4 4.2 9	12.4 9.9 -7.0	3.9 2.7 -2.5	5.0 4.0 2.2	11.0 11.9 -7.6	17.9 -1.9 -20.3	7.2 14.5 2	-1.8 -6.5 -1.6	3.3 3.4 2.2	11.7 11.9 -2.0	24. 11.
976 976	-1.3 4.9 4.7	2.3 5.4 4.4	.3 13.0 9.3	1.6 4.8 3.2	3.3 4.0 4.1	-20.4 18.3 15.0	-11.8 22.5 19.4	-11.5 3.3 11.5	9 3.4	2.2 .4 .3 3.7	-10.3 18.5 11.1	-3. 5. 2.
778 973	5.3 2.5 2	4.1 2.2 2	5.3 3 -7.7	3.0 1.7 5	4.6 3.3 2.1	10.7 3 -11.5	5.9 -4.0 -19.8	11.8 7.5 -2.6	.8 1.1 4.5	.7	7.0 4.1 -6.0	11. 14. 9.
181 182	1.9 -2.5 3.6	1.2 1.3 4.6	2.0 .8 12.0	.9 3.8	1.7 1.8 3.5	7.1 -18.0 12.7	-7.7 -16.9 42.1	4.2 -7.2 -1.5	5.1 5.0 .9	-9 -3 1.3	3.4 -2.3 9.7	-7.
104 106	6.8 3.0 2.9	4.8 4.8 4.2	14.1 9.2 8.7	3.2 2.9 3.3	3.5 4.6 3.4	30.6 -3.4 2.8	14.5 2.2 12.5	17.7 8.8 -2.3	5.7 11.5 2.6	3.5 4.1 4.8	23.8 3.9 10.5	-3. 8. -1. 3.

presents zero.

cs: U.S. Bureau of Economic Analysis, The National Income and Product Accounts of the United States, 1929-92, and of Current Business, July 1997 Issue.

### No. 670. GROSS NATIONAL PRODUCT, BY INDUSTRY: 1980 TO 1986

[In billions of dollars. Data include non-factor charges (capital consumption allowances and indirect business taxes, etc.) as well as factor charges against gross product; corporate profits and capital consumption allowances have been shifted from a company to an establishment basis)

				CURRE	NT DOLLAR	RS			
INDUSTRY	10000	Desi.	- I	Bar.	700		Percent	change	
	1980	1983	1984	1985	1986	1980- 1983	1983- 1984	1984- 1985	1985
Gross national product	2,732.0	3 405 7	3,772.2	4,010.3	4,235.0	7.6	10.8	6.3	5.
Gross national product	2,684.4	3,405.7	3,724.6	3.970.5	4,201.3	7.7	11.0	6.6	5.
Private industries	2,357.3	2,940.2	3,276.9	3,496.8	3,699.6	7.6	11.5	6.8	5.
Agriculture, forestry, fisheries	77.2 65.5	74.3 59.3	92.9 77.6	90.6 75.1	93.0	-1.3 -3.3	25.0	-2.5	1
dining	107.3	118.4	119.4	118.2	95.3	3.3	.8	-1.0	-19
Construction  Anutacturing  Durable goods	137.7	149.6	171.5	184.4	197.9	2.8	14.6	7.5	7.
Aanufacturing1	581.0	683.2	771.9	799,3	824.3	5.5	13.0	3.5	3
Durable goods	351.8 18.7	385,6	451.1 22.8	469.9	478.5	3.1	17.0	4.2	1
Lumber and wood products	8.6	20.5	12.4	12.9	24.8	7.2	11.2	4.0	9
Stone clay and glass products	19.0	20.2	22.9	24.2	25.3	2.1	13.4	5.7	4
Stone clay and glass products	44.3	30.3	36.3	34.8	34.8	-11.9	19.8	-4.1	1.7
Fabricated metal products  Machinery, except electrical	46.0	47.6	55.1	56.5	56.9	1.1	15.8	2.5	
Machinery, except electrical	76.9	75.3	85.4 79.9	88.2	85.9	7	13.4	3.3	-2
Electric and electronic equipment	55.0 26.7	67.7 39.0	49.6	86.8 50.5	88.2 49.5	13.5	18.0	8.6 1.8	-2
Other transportation equipment	28.2	40.1	46.0	49.7	54.3	12.5	14.7	8.0	9
Instruments and related products	19.0	23.8	26.9	29.7	31.4	7.8	13.0	10.4	5
Nondurable goods	229.2	297.6	320.8	329.3	345.8	9.1	7.8	2.6	5
Food and kindred products	52.2	64.7	66.6	69.8	71.1	7.4	2.9	4.8	1
Tobacco manufactures	7.3	11.9	12.8	12.5 16.8	12.7	17.7	7.6	-23	1
Textile mill products	17.1	16.9 20.3	17.4 20.7	20.3	20.7	5.9	3.0	-1.9	10
Paper and allied products Printing and publishing Chemicals and allied products	23.1	27.8	31.9	33.1	35.0	6.4	14.7	3.8	5
Printing and publishing	31.6	42.4	47.6	52.0	54.4	10.3	12.3	9.2	1
Chemicals and allied products	45.5	59.6	62.0	61.1	54.4 64.4	9.4	4.0	-1.5	
Petroleum and coal products	18.8	28.3	33.7	35.2	38.9	19.0	19.1	4.5	10
Rubber and misc. plastics products	16.8	21.9	24.4	25.2	27.1	9.2	11.4	3.3	
Rubber and misc. plastics products Leather and leather products	3.9 240.8	3.8	3.6	3,4	3.0	9.9	-5.3	-5.6	-11
Transportation	105.8	120.5	354.4 133.5	376.2 140.5	391.4	4.4	10.7	6.2 5.2	1
Transportation	20.8	20.1	22.4	21.7	21.6	-1.1	11.4	-3.1	
Local and interurban passenger transit	5.4	6.6	7.2	8.0	8.0	6.9	9.1	11.1	1.79
Trucking and warehousing	44.0	49.9	56.2	59.1	60.9	4.3	12.6	5.2	3
Water transportation	7.1	7.5	7.8	8.2	8.1	1.8	4.0	5.1	-1
Air transportation	18.1	22.9	26.1	28.1	29.8	8.2	14.0	7.7 15.6	-6
Pipelines, except natural gas Transportation services	4.7 5.8	5.1 8.3	4.5 9.3	5.2 10.3	10.9	12.7	-11.8 12.0	10.8	-6
Communications	66.6	96.0	102.2	109.3	115.3	13.0	6.5	6.9	5
Communications Telephone and telegraph Radio and TV broadcasting	60.2	86.8	91.1	97.3	102.6	13.0	5.0	6.8	5
Radio and TV broadcasting	6,3	9.2	11.1	11.9	12.7	13.5	20.7	7.2	
Electric, gas, and sanitary services	68.4	103.5	118.7	126.5	132.0	14.8	14.7	6.6	1
Retail trade	193.9 245.0	226.5	263.1	281.5	294.6	5.3	16.2	7.0	1
nance, insurance, and real estate	400.6	316.4 536.4	350.8 572.8	382.2 622.8	407.9 695.0	8.9 10.2	10.9	9.0 8.7	11
Banking	51.1	68.1	70.6	68.9	69.0	10.0	6.8	-24	-
Banking Credit agencies other than banks	5.5	10.6	9.8	12.5	14.6	24.4	-7.5	27.6	16
Security, commodity, brokers services	9.7	20.7	19.7	25.1	32.9	28.7	-4.8	27.4	31
Insurance carriers	37.0	36.5	34.9	38.8	53.6	5	-4.4	11.2	38
Insurance agents brokers services	14.4	17.6	20.1	22.5	25.7 483.2	6.9	14.2	11.9	14
Real estate  Holding, other investment companies	281.5	374.2 8.7	409.1 8.5	441.3 13.6	15.8	10.0	9.3	7.9	16
ervices	374.0	515.5	580.2	643.7	700.2	11.3	12.6	10.9	8
Hotels and other lodging places	18.9	24.3	27.0	29.5	31.9	8.7	11.1	9.3	. 6
Personal services	18.8	23.1	25.0	29.1	31.1	7.1	8.2	16.4	. 6
Business services	68.8	104.8	125.3	146.3	162.8	15.1	19.6	16.8	11
Auto repair, services, garages	21.1	26.1 6.6	29.2	32,1 8.2	34.3 8.5	7.3 9.7	11.9	9.9	1
Motion pictures  Amusement, recreation services	12.4	16.8	17.8	20.2	21.4	10.7	6.0	13.5	
Health services	108.1	156.1	169.0	183.6	198.6	13.0	8.3	8.6	1
Legal services	23.3	35.0	41.6	46.3	52.3	14.5	18.9	11.3	13
Educational services	16.0	21.0	23.5	25.2	26.7	9.5	11.9	7.2 6.2	6
Social services, membership	26.3	32.8	35.7	37.9	40.5	7.6	8.8	6.2	
Misc'l. professional services	39.6	49.9	56.9	64.1	70.1	8.0	14.0	12.7	
Government and govt enterwises	322.1	410.5	8.9 442.5	9.0 477.4	9.3 506.6	7.5 8.4	8.5 7.8	7.9	6
Federal	114.7	148.3	160.0	171.1	175.6	8.9	7.9	6.9	
Private households Government and govt. enterprises Federal State and local	207.4	262.2	282.5	306.3	331.1	8.1	7.7	8.4	2
tatistical discrepancy	4.9	5.2	5.4	-5.6	-4.9	2.0	(NS)	(NS)	- (N
Rest of the world	47.6	49.9	47.4	39.8	33.7	1.6	-5.0	-16.0	-15

See footnotes at and of table.

### No. 670 GROSS NATIONAL PRODUCT, BY INDUSTRY: 1980 TO 1986—Continued

(to billione of dollars. Data include non-factor charges (capital consumption allowances and indirect business taxes, etc.) as well as factor charges against gross product; corporate profits and capital consumption allowances have been shifted from a company to an establishment basis)

				CONSTANT	(1982) DO	LLARS			
INDUSTRY		Cont			20		Percent	change	
	1980	1983	1984	1985	1986	1980- 1983	1983- 1984	1984- 1985	1985
Gross national product *	. 107 1	3,279.1	3,501.4	3,607,5	3,713.3	1.0		3.0	
Domestic industries	3.131.7	3,231.2	3,457.5	3,571.5	3,683.5	1.0	6.8 7.0	3.3	2.
Private Industries Agriculture forestry fisheries	2,739.5	2,828.2	3,052.3	3,180.7	3,288,1	1.0	7.9	4.2	3.
Agriculture forestry fisheries	76.2	74.5	82.2	93.6	100.4	7	10.3	13.9	7.
Farms	64.2	61.3	68.5	78.9	84.7	-1.5	11.7	15.2	7.
Wining	135.6	125.4	133.0	130.6	118.1	-2.6	6.1	-1.8	-9
Construction	161.6	147.3	159.2	164.2	168.3	-3.0	8.1	3.1	2
Durable goods!	665.4 401.5	675.5 390.4	757.9 466.8	790.3 501.4	812.2 517.7	9	12.2	7.4	3
Jonatruction Annufacturing¹  Durable goods¹  Lumber and wood products  Furniture and fixtures.	20.4	18.1	20.4	20.5	21.6	-3.9	12.7	5	5
Furniture and fixtures	10.2	10.4	11.8	11.6	11.4	.6	13.5	-1.7	-1
Stone clay and glass products	21.1	19.7	21.6	22.2	22.2	-2.3	9.6	2.8	
Stone clay and glass products Primary metal industries	46.4	30.0	34.7	34.1	35.0	-13.5	15.7	-1.7	2
Fabricated metal products Machinery, except electrical Electric electronic equipment	52.5	48.9	55.8	55.8	54.8	-2.3	14.1	(Z) 19.8	-1
Machinery, except electrical	84.6	86.9	114.8	137.5	150.8	.9	32.1	19.8	9
Electric electronic equipment	62.7	66.2	77.3	83.8	85.0	1.8	16.8	8.4	1
Motor vehicles and equipment	33.7	38.5 38.6	47.9 42.6	47.7 45.4	44.5 48.5	4.5	10.4	4	-6
Other transportation equipment Instruments and related products	21.8	23.2	25.4	28.3	29.7	2.1	9.5	11.4	6
Nondurable goods. Food and kindred products. Tobacco manufactures.	263.9	285.1	291.1	288.9	294.4	2.6	2.1	8	i
Food and kindred products	56.7	62.0	60.8	62.9	62.6	3.0	-1.9	3.5	
Tobacco manufactures	95	8.9	8.7	7.3	7.0	-2.2	-2.2	-16.1	-4
Textile mill products	16.1	16.6	16.7	15.8	16.9	1.0	.6	-5.4	7
Textile mill products  Apparel and other textile products	20.1	19.8	20.4	19.6	19.5	5 5.3	3.0	-3.9	-
Paper and allied products Printing and publishing Chemicals and allied products	24.6	28.7	30.2	30.6	31.3	5.3	5.2	1.3	2
Printing and publishing	36.9	39.9	41.3	42.6	42.3	2.6	3.5	3.1	1
Chemicals and allied products	50.1	59.6	60.0	56.4	59.4	6.0	.7	-6.0	5
Petroleum and coal products	26.7	24.0	25.0	24.9	26.4	-3.5	4.2	4	6
Rubber and misc. plastics products	18.9	21.7	24.3	25.2 3.7	26.0	4.7	12.0	3.7	3
ransportation public utilities	293.4	300.8	320.4	325.0	3.0	-4.0 .8	(Z) 6.5	-2.6 1.4	-18
Transportation	129.5	113.7	123.7	125.0	129.2	-4.2	8.8	1.1	3
Transportation	27.2	19.1	20.2	19.8	19.7	-11.1	5.8	-2.0	3
Local and interurban passenger transit Trucking and warehousing	7.0	5.8	6.1	6.3	6.3	-6.1	5.2	3.3	1
Trucking and warehousing	51,5	48.6	53.4	52.4	54.2	-1.9	9.9	-1.9	3
Water transportation	8.3	7.5	7.8	7.8	7.8	-3.3	4.0	(Z)	8
Air transportation	23.1	19.6	22.1	23.7	25.7	-5.3	12.8	7.2	8
Pipelines, except natural gas	5.1	4.9	5.0	4.9	5.1	-1.3	2.0	-2.0	4
Transportation services	7.2	8.3	9.2	10.0	10.3	4.9	10.8	8.7	3
Tolophoon and tolograph	78.4	92.1 83.2	92.9 83.0	94.3 84.3	95.3 85.2	5.5	.9	1.5	1
Radio and TV broadcasting	71.1	8.9	9.9	10.0	10.1	5.4 6.8	11.2	1.6	1
Flectric gas and sanitary services	85.5	95.0	103.8	105.8	103.9	3.6	9.3	1.9	-1
Communications Telephone and telegraph Radio and TV broadcasting Electric, gas, and sanitary services Wholesale trade	213.5	222.0	250.6	268.9	282.4	1.3	12.9	7.3	5
riciali vado		307.0	328.3	343.3	362.2	2.3	6.9	4.6	5
inance, insurance, and real estate	464.3	489.0	506.6	523.6	551.3	1.7	3.6	3.4	5
Banking	56.7	60.5	61.0	61.9	63.0	2.2	.8	1.5	1
Credit agencies other than banks	5.2	6.0	6,6	7.0	7.7	4.9	10.0	6.1	10
Security, commodity, brokers services	10.7	14.9	16.1	16.9	18.6	11.7	8.1	5.0	10
Insurance carriers Insurance agents brokers services	28.6 17.3	30.1 17.4	31.5 17.9	33.6 19.6	37.7	1.7	2.9	6.7	12
Real estate	339.6	352.7	365.3	375.6	21.6 393.1	1.3	3.6	9.5	10
Real estate Holding, other investment companies	6.3	7.4	8.2	8.9	9.7	5.5	10.8	8.5	9
ervices'	442.6	486.6	514.0	541.3	564.9	3.2	5.6	5.3	4
Hotels and other lodging places	22.6	22.5	22.9	23.2	22.9	1	1.8	1.3	-1
Personal services Business services	22.2	21.8	22.4	24.6	25.6	6	2.8	9.8	4
Business services	B4.0	100.0	111.0	120.7	129.8	6.0	11.0	8.7	7
Auto repair, services, garages	24.4	25.2	27.3	29.2	30.1	1.1	8.3	7.0	3
Motion pictures	5.7	6.2	6.3	6.7	6.9	2.8	1.6	6.3	3
Amusement, recreation services Health services	13.7	16.1	16.4	158.9	18.2	5.5	1.9	9.8	1
Legal services	129.4	31.6	153.1 32.8	35.0	36.9	3.0	3.8	3.8 6.7	5
Educational services	18.1	19.8	20.6	21.2	21.4	3.0	4.0	2.9	9
Social services, membership organizatio	30.2	31.1	32.3	32.9	34.2	1.0	3.9	1.9	4
Misc'l professional services	47 1	47.7	49.9	51.8	53.7	.4	4.6	3.8	3
Private households	7.4	8.1	8.8	8.8	9.0	3.1	8.6	(z)	2
Government and govt. enterprises	382.7	387.4	392.1	399.0	405.4	.4	1.2	1.8	1
Private households Government and govt. enterprises Federal	138.3	141.9	144.1	146.8	148.3	.9	1.6	1.9	1
State and local	244.4	245.5	248.1	252.3	257.1		1.1	1.7	. 1
Statistical discrepancy	5.9	5.0	5.0	-5.1	-4.3	-5.4	(NS)	(NS)	-17
Rest of the world	55.5	47.9	43.9	36.0	29.8	-4.8	-8.4	-18.0	-17.

Represents zero. NS Not significant. Z Less than .5 percent. <sup>1</sup> Includes items not shown separately. <sup>2</sup> Includes residual not shown separately.

Source: U.S. Bureau of Economic Analysis, The Netional Income and Product Accounts of the United States, 1829-82, and Survey of Current Business, July 1987 issue.

### NO. 671. GROSS NATIONAL PRODUCT—SUMMARY: 1929 TO 1986 [In billions of dollars. Prior to 1980, excludes Alaska and Hawell. Minus sign (-) indicates decrease]

				Net ex-	Govt.		AJOR TYPE	OF		BY SE	CTOR	
YEAR	Gross national product	Personal con- sumption expendi- tures	Gross private domestic invest- ment	ports of goods and serv- ices	pur- chases, goods and serv- ices	Goods	Services	Struc- tures	Busi- ness	House- holds and institu- tions	Govern- ment	Rest of the work
1929	103.9	77.3	16.7	1.1	8.9	56.1	35.9	11.9	96.0	2.9	4.4	
1933	56.0	45.8	1.6	.4	8.3	27.0	25.9	3.1	49.3	1.7	4.7	- 3
1940	100.4	71.0	13.4	1.8	14.2	56.0	35.8	8.6	89.8	2.4	7.8	1 7
1945	213.4	119.6	11.3	5	83.0	128.9	77.3	7.2	173.5	4.1	35.3	1 0
1950	288.3	192.1	55.1	2.2	38.8	162.4	89.0	36.9	259.0	6.5	21.2	1.5
1955	405.9	257.9	69.7	3.0	75.3	216.3	138.5	51.1	359.4	9.1	34.8	2.6
1960	515.3	330.7	78.2	5.9	100.6	257.2	197.4	60.7	449.9	13.9	48.1	3.5
1965	705.1	440.7	116.2	9.7	138.6	342.9	280.5	81.7	610.7	19.3	69.3	5.8
1970	1,015.5	640.0	148.8	8.5	218.2	467.8	441.1	106.5	856.3	32.4	119.5	7.3
1975	1,598.4	1,012.8	219.6	31.1	335.0	714.7	725.2	158,5	1,341.2	52.0	187.7	17.5
1976		1,129.3	277.7	18.8	356.9	798.9	803.5	180.4	1,500.7	57.1	203.8	21.1
1977	1,990.5	1,257.2	344.1	1.9	387.3	882.0	895.9	212.6	1,682.1	62.4	220.5	25.4
1978	2,249.7	1,403.5	416.8	4.1	425.2	991.4	1,003.0	255.3	1,908.4	70.2	240.5	30.5
1979	2,508.2	1,566.8	454.8	18.8	467.8	1,099.1	1,121.9	287.1	2,125.3	78.6	260.4	43.8
1980		1,732.6	437.0	32.1	530.3	1,174.9	1,265.0	292.0	2,306.8	89.3	288.3	47.6
1981	3,052.6	1,915.1	515.5	33.9	588.1	1,322.9	1,415.4	314.4	2,582.8	101.0	316.7	52.1
1982	3,166.0	2,050.7	447.3	26.3	641.7	1,319.1	1,547.5	299.4	2,658.2	112.7	343.9	51.2
1983		2,234.5	502.3	-6.1	675.0	1,396.1	1,682.5	327.1	2,866.6	122.9	366.4	49.5
1984	3,772.2	2,430.5	664.8	-58.9	735.9	1,581.4	1,813.9	377.0	3,201.5	132.7	390.6	47.4
1985	4,010.3	2,629.4	641.6	-79.2	818.6	1,637.9	1,969.3	403.1	3,409.5	142.2	418.8	39.8
1986	4,235.0	2,799.8	671.0	-105.5	869.7	1,693.8	2,116.2	425.1	3,605.2	152.2	443.9	33.7

### No. 672. RELATION OF GNP, NATIONAL INCOME, PERSONAL INCOME, DISPOSABLE PERSONAL INCOME AND PERSONAL SAVING: 1970 TO 1986

[in billions of dollars. For definitions, ees text, section 14]

ITEM	1970	1975	1980	1961	1982	1963	1984	1985	1986
Gross national product	1,015.5	1,598.4	2,732.0	3.052.6	3,166.0	3,405.7	3,772.2	4.010.3	4,235.0
Less: Capital consumption allowances1	88.8	161.8	303.8	347.8	383.2	396.6	415.5	437.6	456.7
Equals: Net national product *	926,6	1,436.6	2,428.1	2,704.8	2,782.8	3,009.1	3,356.8	3,572.7	3,778.4
Less: Indirect business tax and		1,100.0	-,	241.0410		.,	0,000.0	-,	
nontax liability	94.0	140.0	213.3	251.5	258.8	282.6	313.9	333.2	347.7
Plus: Subsidies 3	2.9	2.4	5.7	6.7	8.7	14.1	9.9	6.3	8.7
Equals: National Income 1	832.6	1,289.1	2,203.5	2,443.5	2,518.4	2,719.5	3,028.6	3,229.9	3,422.0
Less: Corporate profits 4	74.7	117.6	177.2	188.0	150.0	213.7	266.9	277.6	284.4
Net interest	41.2	83.8	200.9	248.1	272.3	281.0	304.8	315.3	326.1
Contributions for social insurance	62.2		216.5		269.6	291.0	324.9	352.7	374.3
	02.2	118.5	210.5	251.2	209.0	291.0	324.9	302.7	3/4.3
Plus: Government transfer payments	***	400.0	****			400.0	407.0	468.2	496.0
to persons	81.8	185.7	312.6	355.7	396.2	426.6	437.9		
Personal interest income	69.3	122.5	271.9	335.4	369.7	393.1	444.7	476.5	497,6
Personal dividend income	22.2	28.7	52.9	61.3	63.9	68.7	75.5	76.3	81.2
Business transfer payments	4.1	7.4	12.1	12.4	14.3	16.0	18,7	21.6	22.3
Equals: Personal Income	831.8	1,313.4	2,258.5	2,520.9	2,670.8	2,838.6	3,108.7	3,327.0	3,534.3
Less: Personal tax and nontax payment	116.2	170.6	340.5	393.3	409.3	410.5	440.2	485.9	512.2
Equals: Disposable personal income	715.6	1,142.8	1918.0	2,127.6	2,261.4	2,428.1	2,668.6	2,841.1	3,022.1
Less: Personal outlays	657.9	1,038.2	1,781.1	1,968.1	2,107.5	2.297.4	2,504.5	2,714.1	2,891.5
Equals: Personal saving	57.7	104.6	136.9	159.4	153.9	130.6	164.1	127.1	130.6

With capital consumption adjustment.
 \*\* Includes items not shown separately.
 \*\* \*\*Less current surplus of government enterprises.
 \*\* With inventory valuation and capital consumption adjustments.

### No. 673. PER CAPITA INCOME AND PRODUCT FOR SELECTED ITEMS: 1970 TO 1986

[Based on Bureau of the Census estimated population including Armed Forces abroad; based on quarterly averages]

ITEM	1970	1975	1905	1961	1963	1980	1984	1985	1995
CURRENT DOLLARS									
Gross national product Personal income Disposable personal income. Personal consumption expenditures.	4,056 3,489	7,401 6,061 5,291 4,869	11,895 9,916 6,421 7,607	13,262 10,952 9,243 6,320	13,614 11,486 9,724 8,818	12,088	15,913 13,114 11,257 10,253	13.902	17,528 14,626 12,508 11,508
CONSTANT(1982) DOLLARS	3,121	7,000	1,	0,520	0,5.0	0,5.0	10,250	10,50	
Gross national product Disposable personal income	8,134	12,478 8,944 7,926	13,994 9,722 8,783	14,114 9,769 8,794	13,614 9,725 8,818	13,964 9,930 9,139	14,771 10,419 9,469	15,074 10,622 9,830	15,368 10,947 10,142

Source of tables 671-673: U.S. Bureau of Economic Analysis, The National Income and Products Accounts of the United States, 1829-82, and Survey of Current Business, July 1887 issue.

#### NO. 674. NATIONAL INCOME, BY TYPE OF INCOME: 1970 TO 1986

[In billions of dollars. Prior to 1980, excludes Alaska and Hawaii]

TYPE OF INCOME	1970	1975	1980	1981	1982	1980	1984	1985	1905
National income	832.6	1,200,1	2,203.5	2,443.5	2,518.4	2,719.5	3,020.6	3,020.6	3,422.0
Compensation of employees.	618.3	948.7	1,638.2	1,807.4	1,907.0	2.020.7	2,213.9	2.370.8	2.504.9
Wages and salaries	551.5	814.7	1.372.0	1.510.4	1.586.1	1.676.2	1.836.8	1.974.7	2.000
Government and government enter-		1	.,		1	',	1 ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	-,,,,,,
	117.1	176.1	260.1	284.4	305.9	323.9	346.3	372.1	394.
Private	434.3	636.8	1,111.8	1,225.9	1,280.2	1,352.3	1.492.5	1.602.6	1.694
Supplements to wages salaries	66.8	134.0	266.3	297.1	320.9	344.5	375.1	396.1	415.
Employer contributions for		i							
social insurance	34.3	68.0	127.9	146.8	157.3	170.9	192.2	203.8	214.
Other labor income		65.9	138.4	150.3	163.6	173.8	182.9	192.3	201.
Proprietors' income 1		125.4	180.7	186.8	175.5	190.9	234.5	257.3	289.
Farm	14.7	25.4	20.5	30.7	24.6	12.4	30.5	29.7	37.2
Nonfarm	65.4	100.0	180.1	156.1	150.9	176.4	204.0	227.8	252.0
Proprietors' income	66.0	102.2	164.3	155.2	146.5	167.3	182.4	196.0	217.
Rental income of persons 2	18.2	13.5	8.6	13.3	13.6	13.2	8.5	9.0	16.
Corporate profits 1	74.7	117.6	177.2	186.0	150.0	213.7	266.9	277.6	284.4
Corporate profits *	69.5	123.9	194.0	202.3	159.2	196.7	234.2	224.1	238
Profits before tax	76.0	134.8	237.1	226.5	169.6	207.6	240.0	224.8	231.
Profits tex fieblity	34.4	50.9	64.8	81.1	63.1	77.2	93.9	96.7	105.0
Profits after tex	41.7	83.9	152.3	145.4	106.5	130.4	146.1	128.1	126.
Dividends	22.5	29.6	54.7	63.6	86.9	71.5	79.0	81.3	86.1
Undietributed profits	19.2	54.3	97.6	81.8	39.6	58.9	67.0	46.8	40.0
Inventory valuation adjustment	-6.6	-11.0	-43.1	-24.2	-10.4	- 10.9	-5.8	7	8.
Capital consumption adjustment	5.2	-6.2	- 16.8	-14.4	-9.2	17.0	32.7	53.5	46.0
Net interest	41.2	83.8	200.9	246.1	272.3	281.0	304.8	315.3	326.
Addende:		1	1	l	1	į.		1	ľ
Corporate profits after tax 1	40.3	86.7	92.4	106.8	86.9	136.5	173.0	180.9	179.4
Net cash flow !	69.6	133.5	219.1	254.0	255.0	307.7	348.5	396.7	375.
Undetributed profits 1	17.9	37.1	37.7	43.2	20.0	65.0	94.0	99.6	92.
Capital consumption allowances	52.0	96.4	181.4	210.7	235.0	242.7	254.5	260.1	282
Less: Inventory valuation adjustment	6.8	-11.0	-43.1	-24.2	-10.4	- 10.9	-5.8	7	6.
Equals: Net cash flow	76.4	144.5	262.2	278.1	265.4	318.6	354.3	369.4	368.

With inventory valuation and capital consumption adjustments.
 With capital consumption adjustment.

### No. 675. NATIONAL INCOME, BY SECTOR: 1970 TO 1986

### fin billions of dollars)

SECTOR	1970	1975	1980	1981	1982	1983	1984	1985	1986
National Income	832.6	1,289,1	2,203.5	2,443.5	2,518.4	2,719.5	3,028.6	3,229.9	3,422.0
Domestic business	673.4	1,031.8	1,778.4	1,973.7	2.010.6	2,180.4	2,457.9	2,629.2	2,792.2
Corporate business	479.8	740.6	1,312.6	1,457.3	1,478.0	1,609.4	1,805.9	1,921.6	2.014.1
Compensation of employees	401.0	617.0	1,117.2	1,235.0	1,287.8	1,360.6	1,502.1	1,605.6	1,689.1
Corporate profits 1	67.8	103.2	142.8	159.4	121.9	183.6	236.0	247.1	253.2
Net interest	11.0	20.4	52.5	62.9	68.2	65.2	67.8	68.9	71.8
Sole proprietors partnerships	135.0	205.8	318.0	342.2	340.6	361.2	421.7	455.3	500.8
Compensation of employees	49.2	65.8	102.2	108.7	114.0	118.5	131.6	142.4	154.5
Proprietors' income 1	79.8	124.5	179.4	185.4	174.0	189.3	232.6	255.5	288.2
Net interest	6.0	15.5	36.5	48.1	52.7	53.4	57.6	57.3	58.1
Other private business 2	45.7	63.9	114.2	136.5	152.4	167.2	184.3	202.5	225.2
Compensation of employees	3.2	4.7	7.8	8.4	9.0	9.8	10.9	12.0	13.0
Proprietors' income 1	18.2	.9	1.3	1.4	1.6	1.6	1.9	1.7	1.7
Rental income of persons 3	.4	13.5	6.6	13.3	13.6	13.2	8.5	9.0	16.7
Net interest	23.9	44.8	98.5	113.4	128.2	142.7	162.9	179.8	193.8
Government enterprises *	13.0	21.5	33.5	37.6	39.6	42.6	46.1	49.8	52.2
Households and institutions 5	32.4	52.0	89.3	101.0	112.7	122.9	132.7	142.2	152.2
Government *	119.5	187.7	288.3	316.7	343.9	366.4	390.6	418.8	443.9
Rest of the world	7.3	17.5	47.6	52.1	51.2	49.9	47.4	39.8	33.7

<sup>1</sup> With inventory valuation and capital consumption adjustments.
2 Consists of all business activities reported on the individual income tax return in Schedule E—Supplemental income Schedule; tax-exempt cooperatives; and owner-occupied nonfarm housing and buildings and equipment owned and used by nonprofit institutions serving individuals, which are considered to be business activities selling their current services to their owners.
3 With capital consumption adjustment.
4 Compensation of employees.
5 Compensation of employees in private households; nonprofit social and athletic clubs; labor organizations; nonprofit schools and hospitals; religious, charitable, and welfare organizations; and all other nonprofit organizations serving individuals.

Source: U.S. Bureau of Economic Analysis, The National Income and Product Accounts of the United States, 1929-82, and Survey of Current Business, July 1987 issue.

Source: U.S. Bureau of Economic Analysis, The National Income and Product Accounts of the United States, 1929-82, and Survey of Current Business, July 1987 issue.

## No. 676. Personal Consumption Expenditures—8y Type of Expenditure in Current Dollars: 1980 to 1986

[in billions of dollars. Minus sign (-) indicates decrease]

		l		l		AVERAG	E ANNUAL	PERCENT	CHANGE
TYPE OF EXPENDITURE	1980	1905	1964	1980	1980	1986- 83	1983- 84	1984- 83	1905- 96
Total current dollars !	1.732.6	2.234.5	2.430.5	2.629.4	2,790.8		8.8	8.2	
ood and tobacco 1 2	369.9	450.1	479.0	504.8	532.0	6.8	8.4	5.4	5.
Food purchased for off-premise	000.0	100	4.0.0	554.5			<b></b>	<b>.</b>	•
consumption	242.3	290.4	305.8	320.6	333.3	6.2	5.3	4.8	4.
Meals, beverages purchased *	100.2	123.5	134.1	143.2	155.2	7.2	8.6	8.8	8.
Tobacco products	20.8	28.2	30.5	32.0	34.2	10.7	8.2	4.9	6.
Nothing accessories and jewelry 1	135.0	167.2	181.8	194.9	209.1	7.4	8.7	7.2	7.
Shoes	16.9	20.2	21.8	23.2	24.8	6.1	8.9	7.4	6
Clothing and accessories	91.9	114.7	125.0	133.9	142.7	7.7	9.0	7.1	8.
Jewelry and watches	15.4	18.0	19.9	20.8	23.5	5.3	10.6	4.5	13.
Personal care		34.1	38.4	38.9	41.4	7.8	6.7	6.9	6.
lousing 1	281.5	344.1	371.3	402.4	436.9	9.6	7.9	8.4	ã
Owner-occupied nonferm dwellings-	201.5	,	0	102.7		0.0		0.4	•
space rent	178.3	233.9	252.3	272.7	296.0	9.5	7.9	8.1	8.
Tenant-occupied nonfarm dwellings-rent	61.9	84.7	92.2	103.0	114.5	11.0	8.8	11.7	11
Rental value of farm dwellings		12.1	12.2	10.9	9.9	3.2	8	- 10.7	-9
tousehold operation 1	233.1	294.1	316.9	331.9	343.0	8.1	7.8	4.7	3
Furniture *	20.9	23.8	28.5	28.1	30.8	4.4	11.3	6.0	
Semidurable house furnishings 4	10.0	12.3	13.3	13.9		7.1	6.1	4.5	ă
Clearing policing respections	10.0				14.8				4
Cleaning, polishing preparations	20.1	23.6	25.1	28.2	27.3	5.5	6.4	4.4	-1
Household utilities	63.7	110.8	117.5	122.9	121.1	9.8	6.0	4.6	
Electricity		51.0	55.4	59.3	61.0	11.1	6.8	7.0	2
Ges	19.1	29.0	29.4	29.5	26.6	14.9	1.4	3	-9
Water, other sanitary services	9.3	13.3	14.9	18.4	17.5	12.7	12.0	10.1	
Fuel oil and coal	18.0	17.5	17.8	17.5	16.0	9	1.7	- 1.7	-8
Telephone and telegraph		37.9	39.8	40.1	42.1	10.9	5.0	.8	5
Aedical care 1	187.7	266.7	296.4	326.8	357.8	12.7	11.1	9.5	9
Urug preparations and sundres "	18.8	24.4	26.3	27.9	29.7	9.1	7.8	6.1	6
Physicians	42.0	61.1	67.1	73.3	90.2	13.3	9.8	9.2	9
Dentists	13.7	18.5	19.8	21.3	22.5	10.5	7.0	7.6	5
Privately controlled hospitals 6	82.0	119.6	130.6	140.0	152.1	13.4	9.2	7.2	
Health insurance	12.3	16.0	19.0	21.7	23.9	9.2	18.8	14.2	10
Medical care 1	8.9	11.0	15.2	17.7	20.1	16.8	38.2	16.4	13
Personal business 1	96.7	138.7	145.8	174.0	195.1	12.2	6.7	19.3	12
Expense of handling life insurance	19.7	27.0	30.6	36.1	39.6	11.1	13.3	18.0	9
Legal services	13.8	21.7	24.8	26.2	31.3	16.3	13.4	14.6	11
Funeral and buriel expenses		5.2	5.6	6.2	6.4	5.7	7.7	10.7	3
ranaportation		295.4	329.5	358.8	365.3	7.4	11.5	8.9	1
User-operated transportation 1	218.8	270.5	301.6	329.7	335.8	7.7	11.5	9.3	1
New autos	46.4	66.2	77.6	96.9	101.5	12.6	17.2	12.0	10
Used autos, not purchases	14.9	21.6	30.2	34.5	33.8	13.2	39.8	14.2	-2
Tires, tubes, accessories, etc	16.7	21.9	23.3	25.0	25.0	9.5	6.4	7.3	
Repair, greesing, weehing, parking,			20.0	20.0		1			1
storage and rent	32.3	38.4	42.8	48.3	51.8	5.9	11.5	12.8	7
Gasoline and oil	83.7	90.2	90.0	92.6	75.3	2.5	-2	2.9	<b>– 1</b>
Purchased local transportation	5.8	6.5	6.9	7.1	7.8	3.9	6.2	2.9	7
Transit systems	2.4	3.1	3.4	3.5	3.8	3.5	9.7	2.9	ĺ
Taxicabe	3.1	2.9	3.0	3.5	3.3	-2.2	3.4	33	1
Delhan (semantelas)	3.1						25.0	3.3	, ,
Railway (commutation)	.3	4	5	.5	.5	10.1			_
Purchased intercity transportation 1	15.9	18.4	21.0	22.0	21.9	5.0	14.1	4.8	
Bus	1.2	1.2	1.2	1.2	1.1	I .:	1 44 7		-
Airline	13.4	15.3	17.5	18.3	18.1	4.5	14.4	4.6	-1
Recreation 1 9	115.0	152.1	168.3	183.8	198.0	9.8	10.7	9.2	2
Mags., newspapers, sheet music	10.4	12.0	12.7	12.9	13.7	4.9	5.8	1.6	
Toys	31.8	38.4	44.5	46.8	46.8	6.5	15.9	5.2	31
Radio and television receivers,							۱		
records and music	19.9	28.2	31.5	38.1	40.8	12.3	11.7	14.6	13
rivate education and research	27.2	35.8	39.1	43.1	48.9	9.6	9.2	10.2	
Religious and welfare activities	38.8	47.8	52.6	56.8	62.4	9.1	10.0	8.0	

<sup>-</sup> Represents zero. ¹ Includes other expenditures not shown separately. ² Consists of purchases (including tips) of meets and beverages from retail, service and amusement establishments, hotels, dining and buffet cars, schools, school traternities, institutions, clubs, and industrial funch rooms. ³ Includes mattresses and bed springs. ⁴ Consist largely of textile house furnishing use. Also includes large heades, brooms, and brushes. ⁵ Excludes drug preparations and related products dispensed by physicians, hospitals, and other medical services. ⁶ Consist of (1) current expenditures (including capital consumption allowarenes) of increment of increment) of norprofit hospitals arritariums, and rursing homes, and (2) payments by patients to propristary hospitals, sentitariums, and nursing homes. ¹ Consist of (1) premiums, tess benefits and dividends, for health, hospitalization and accidental death, and accidental death and demamberment insurance provided by commercial insurance carriers, and (2) administrative expenses (including capital consumption allowances with capital consumption adjustment) of Blue Cross and Blue Shield plans and of other independent prepaid and self-insured health plans. ⁶ Consist of (1) operating expenses of life insurance carriers and private noninsurance provided and self-insured health plans. ⁶ Consist of (1) operating expenses of life insurance carriers and private noninsurance carriers to accident and health insurance. ⁶ For additional details, see table 363.

Source: U.S. Bureau of Economic Analysis, The National Income and Product Accounts of the United States, 1929-1982, and Survey of Current Business, July 1987 issue.

# No. 677. PERSONAL CONSUMPTION EXPENDITURES, BY TYPE OF PRODUCT IN CONSTANT (1982) DOLLARS: 1980 TO 1986

[In billions of dollars, except percent. Minus sign (-) indicates decrease]

TYPE OF EXPENDITURE	1980	1983	1984	1985		AVER	AGE ANN	IUAL PERI NGE	CENT
TYPE OF EXPENDITURE	1980	1983	1984	1985	1986	1980- 83	1983- 84	1984- 85	1985
Personal consumption expenditures	2,000.4	2,146.0	2,249.3	2,352.6	2,450.5 383.5	2.4	4.8	4.6	4
Motor vehicles and parts 1	245.9	283.1	323.1	352.7	383.5	4.8	14.1	9.2	8.
Motor vehicles and parts 1,	103.8	126.8	148.0	163.6	175.7	6.9	16.7	10.5	7.
New autos	51.2 21.0	64.5 19.8	73.5 24.8	79.8 29.0	89.3 29.8	8.0	14.0	8.6	11
Tires, tubes, accessories, etc.	18.1	22.5	24.8	26.5	26.6	-1.9 7.5	25.3	16.9	2
Furniture and household equipment1	95.4	106.1	118.4	130.2	144.7	3.6	11.6	10.0	11
Tires, tubes, accessories, etc. Furniture and household equipment! Furniture, including mattresses and bed- springs.	22.2	23.2	25.3	26.2	27.9	100	9.1	3.6	6
Kitchen, other household appliances	18.4	19.1	21.0	23.3	24.6	1.3	9.9	11.0	5
China, glassware, tableware, and utensils	10.6	11.0	12.0	12.5	12.8	1.2	9.1	4.2	2
Radio and television receivers 2	20.4	29.1	34.4	42.0	51.6	12.6	18.2	22,1	22
Other durable goods	46.7	50.2	56.7	58.9	63.1	2.4	12.9	3.9	7
Food	762.6	800.2 414.0	825.9 422.8	849.5 436.5	877.2 444.9	1.6	3.2	2.9	3
Food purchased for off-premise consump-	394.9	414.0	422.0	430.0	444.9	1.6	2,1	3.2	1
tion	272.4	288.1	292.0	302.5	305.9	1.9	1.4	3.6	1
Purchased meals and beverages	115.1	118.2	122.9	126.0	130.9	.9	4.0	2.5	3
Food furnished employees <sup>3</sup>	7.5	7.7	7.9	8.0	8.1	.9	2.6	1.3	1
Clothing and shoes	114.8	132.6	142.2	147.9	158.0	4.9	7.2	4.0	
Shoes	18.3	20.1	21.2	22.5	24.0	3.2	5.5	6.1	6
Women's and children's clothing and ac- cessories <sup>4</sup>	61.5	74.9	81.2	84.6	91.2	6.8	8.4	4.2	
Men's and boys' clothing and accessories*	35.0	37.5	39.7	40.8	42.8	2.3	5.9	2.8	7
Gasoline and oil	88.4	93.2	94.5	96.5	100.3	1.8	1.4	2.1	3
Fuel oil and coal	21.6	18.6	18.5	18.9	21.5	-4.9	5	2.2	13
Other nondurable goods1	142.9	141.8	147.8	149.7	152.6	3	4.2	1.3	1
Tollet articles and preparations	24.9	23.7	24,0	23.8	23.7	-1.6	1.3	8	
Toilet articles and preparations	19,6	19.2	20,0	20.3	20.7	7	4.2	1.5	1
Cleaning and collebing properations at a	11.6	11.5 22.9	12.0	12.2 23.8	12.8	3	4.3 3.9	1.7	1
Semidurable house furnishings Cleaning and polishing preparations, etc Drug preparations and sundries	23.0	22.5	22.6	22.3	24.3	7	3.9	-1.3	1
Nondurable toys and sport supplies	15.9	18.0	19.9	21.0	21.8	4.2	10.6	5.5	3
ervices	991.9	1,062.7	1,100.3	1,150.4	1,189.8	2.3	3.5	4.6	3
Housing <sup>1</sup> Owner-occupied nonfarm dwellings space	312.5	325.4	333.0	341.0	350.0	1.4	2.3	2.4	2
rent	212.0	220.5	226.1	230.5	236.0	1.3	2.5	1.9	2
Tenant-occupied nonfarm dwellings rent	79 6	79.8	81.8	85.7	89.5	2.7	2.5	4.8	4
Rental value of farm dwellings Household operation Electricity	14.3	12.5	12.1	11.7	11.4	-4.4	-3.2	-3.3	-2
Household operation	142.6	146.2 49.4	148.8	151.0	151.3 52.9	.8	1,8	1.5	
Gas	47.0 26.0	24.7	24.9	52.2 25.2	23.9	1.7	2.0	3.6	-5
Water and other sanitary services	11.7	12.3	12.9	13.4	13.6	1.7	4.9	3.9	1
Telephone and telegraph	33.6	35.7	34.5	33.5	33.5	2.0	-3.4	-2.9	
Domestic service	7.6	8.4	9.1	9.2	9.4	3.4	8.3	1.1	- 2
Transportation	77.4	71.4	75.9	81.0	84.4	-2.7	6.3	6.7	
User-operated transportation	48.0	47.0	50.0	53.8	55.9	7	6.4	7.6	3
Purchased local transportation  Purchased intercity transportation <sup>1</sup> Railway (excluding commutation)	7.5	18.0	19.5	6.5 20.7	6.5 22.0	-5.1 -6.3	8.3	1.6 6.2	
Railway (excluding commutation)	.5	16.0	19.5	.5	.5	-0.3	0.3	0.2	,
Bus Airline	1.5	1.1	1.0	1.0	.8	-9.8	-9.1	1	-20
Airline	18.7	15.1	16.5	17.6	19.0	-6.9	9.3	6.7	1
Medical care	200.6	222.3	232.0	240.8	251.9	3.5	4.4	3.8	4
Physicians	50.9	56.7	58.2	60.1	61.3	3.7	2.6	3.3	2
Other professional seedess	16.2 16.6	17.4	17.2	17.3	17.4	2.4	-1.1	.6	
Other professional services Privately controlled hospitals and sanitar-	200.1	21.8	26.0	29.7	32.8	9.5	19.3	14.2	10
iums	100.9	112.0	115.7	118.2	124.0	3.5	3.3	2.2	4
Health insurance	16.0	14.5	14.9	15.5	16.4	-3.2	2.8	4.0	5
Personal care¹	258.8 25.0	297.4 26.6	310.7 27.0	336.6 28.4	352.3 29.6	4.7 2.1	4.5 1.5	8.3 5.2	1
Cleaning, storage, repair of clothes and	1		1000	L Control		0 = 7.99	1000	5.2	
Barbershops, beauty parlors, baths,	7.7	7.2	7.7	7.7	7.6	-2.2	6.9		-1
health clubs	12.4	13.2	13.3	13.9	14.6	2.1	.8	4.5	
Personal business <sup>1</sup>	111.2	124.4	127.4	139.3	148.2	3.8	2.4	9.3	6
seling.	9.0	11.8	11.3	15.5	20.3	9.4	-4.2	37.2	31
Hecreation	48.1	59.2	61.5	66.1	67.9	7.2	3.9	7.5	2
Private education and research <sup>1</sup>	31.8	34.3	35.8	38.2	40.1	2.6	4.4	6.7	
Higher education	11.7	12.5	12.8	13.5	13.5	2.2	2.4	5.5	
Elementary and secondary schools	10.8	11.3	11.6	123	12.8	1.5	2.7	6.0	4
Religious and welfare activities	42.0	46.4	49.3	52.0	56.2	3.4	6.2	5.5	. 6

<sup>-</sup> Represents zero. <sup>1</sup> Includes expenditures not shown separately. <sup>2</sup> Includes musical instruments and records. <sup>2</sup> Includes military and food produced and consumed on farms. <sup>4</sup> Except shoes. Source: U.S. Bureau of Economic Analysis, The National Income and Product Accounts of the United States, 1929-82, and Survey of Current Business, July 1987 issue.

NO. 678. PERSONAL INCOME AND ITS DISPOSITION: 1970 TO 1986 [In billions of dollars, except percent. For definition of personal in come, see text, section 14]

ПЕМ	1970	1980	1981	1982	1983	1984	1985	1986
Personal income	831.8	2,258.5	2,520.9	2,670.8	2,838.6	3,108.7	3,327.0	3,534,3
Wage and salary disbursements	551.5	1,372.0	1,510.3	1,586.1	1,676.6	1,838.6	1,974.9	2,089.1
Commodity-producing industry 1	203.7	470.7	512.2	511.7	523.1	577.6	609.2	623.3
Manufacturing	158.4	355.6	386.7	384.0	397.4	439.1	460.9	470.5
Distributive industries 3	131.2	335.5	366.8	384.2	404.2	442.8	473.0	497.1
Service industries 3	99.4	305.6	346.9	384.4	425.1	472.1	520.4	573.9
Government and government enterprises	117.1	260.2	284.4	305.9	324.3	346.1	372.3	394.8
Other labor income		138.4	150.3	163.6	173.6	182.9	192.3	201.1
Proprietors' income 1		180.7	186.8	175.5	190.9	234.5	257.3	289.8
Rental income of persons <sup>8</sup>	18.2	6.6	13.3	13.6	13.2	8.5	9.0	16.7
Personal dividend income		52.9	61.3	63.9	68.7	75.5	76.3	81.2
Personal interest income		271.9	335.4	369.7	393.1	444.7	476.5	497.6
Transfer payments		324.7	368.1	410.6	442.6	456.6	489.7	518.3
Old-age survivors disability and health		DE-4.7	000.1	4.0.0	442.0	450.0	400,7	0,0.0
insurance benefits	38.5	154.2	182.0	204.5	221.7	235.7	253.4	269.2
Other	47.5	170.5	186.2	206.1	220.9	220.9	236.3	249.2
Less: Personal contributions for social			1305	100	100		12220	
insurance		88.6 340.5	104.5	112.3	120.1	132.7	148.9	159.6
Less: Personal tax and nontax payments			393.3	409.3	410.5	440.2	485.9	512.2
Equals: Disposable personal income	715.6	1,918.0	2,127.6	2,261.4	2,428.1	2,668.6	2,841.1	3,022.1
Less: Personal outlays *	657.9	1,781.1	1,968.1	2,107.5	2,297.4	2,504,5	2,714.1	2,891.5
Personal consumption expenditures	640.0	1,732.6	1,915.1	2,050.7	2,234.5	2,430.5	2,629.4	2,799.8
Interest paid by consumers	16.7	47.4	52.0	55.5	61.9	72.5	82.7	89.9
Personal transfer payments to foreigners		1.1	1.0	1.3	1.0	1.5	2.0	1.7
Equals: Personal saving	57.7	136.9	159.4	153.9	130.6	164.1	127.1	130.6
Percent of disposable personal income		7.1	7.5	6.8	5.4	6.1	4.5	4.3
Real disposable personal income *	1,668.1	2,214.3	2,248.6	2,261.5	2,331.9	2,469.8	2,542.2	2,645.1
Annual percent change "	4.1	.1	1.5	.6	3.1	5.9	2.9	4.0
Personal Income	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Wage and salary disbursements	66.3	60.7	59.9	59.4	59.1	59.1	59.4	59.1
Other labor income	3.9	6.1	6.0	6.1	6.1	5.9	5.8	5.7
Proprietors' income *	9.6	8.0	7.4	6.6	6.7	7.5	7.7	8.2
Rental income of persons 5	2.2	.3	.5	.5	.5	.3	.3	5
Personal dividend income		2.3	2.4	2.4	2.4	2.4	2.3	23
Personal interest income	8.3	12.0	13.3	13.8	13.8	14.3	14.3	14.1
Transfer payments *	10.3	14.4	14.6	15.4	15.6	14.7	14.7	14.7
Personal contributions for social	10.5	14.4	14.0	10.4	10.0	14.7	14.7	14.7
insurance	-3.4	-3.9	-4.1	-4.2	-4.2	-4.3	-4.5	-4.5

<sup>&</sup>lt;sup>1</sup> Comprises agriculture, forestry, fisheries, mining, construction, and manufacturing. <sup>9</sup> Comprises transportation; communication; electric, gas, and sentrary services; and trade. <sup>8</sup> Comprises finance, insurance, and real estate; services; and rest of the world. <sup>4</sup> With capital consumption adulations of includes personal transfer payments to foreigness (net) not shown separately. <sup>7</sup> 1962 prices. <sup>8</sup> Represents average for period of intervals shown here; for 1970, change from 1985. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source: U.S. Bureau of Economic Analysis, The National Income and Product Accounts of the United States, 1829-82, and Survey of Current Business, July 1967 Issue.

No. 679. GROSS SAVING AND INVESTMENT: 1970 TO 1986 [in billions of dollars]

1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
154.7	238.7	408.6	458.4	445.0	522.0	446.4	463.6	568.5	531.3	532.0
164.5	303.6	409.0	445.8	478.4	550.5	557.1	592.2	673.5	664.2	679.8
57.7	104.6	110.2	118.1	136.9	159.4	153.9	130.6	164.1	127.1	130.6
17.9	37.1	69.0	62.0	37.7	43.2	20.0	65.0	94.0	99.6	92.6
	54.3	105.2	119.1	97.6	81.8	39.6		67.0	46.8	40.0
		-25.3	-43.2	-43.1		-10.4		-5.8	7	6.5
5.2										46.0
520										282.8
36.9										173.8
-106										-147.8
										-204.7
18										56.8
0	7.0	20.0				30.1	47.0	04.0	00.1	54.0
	241 2	406.7				AAR 2	468.8	573 0	525.7	527.1
140.0										671.0
4.0										-143.9
-1.1	2.5	-1.9	-1.0	4.9	10.0	-1.0	5.2	5.4	-5.6	-143.5
	154.7 164.5 57.7 17.9 19.2 -6.6 5.2 52.0 36.9 -12.4 1.8 .9 153.6 148.8 4.8	154.7 238.7 164.5 303.6 57.7 104.6 17.9 37.1 19.2 54.3 -6.6 -11.0 5.2 -6.2 52.0 96.4 -10.6 -84.9 -12.4 -89.4 5.5 6 241.2 148.6 219.6 4.8 21.6 4.8 2	154.7 238.7 408.6 164.5 303.6 409.0 57.7 104.6 110.2 17.9 37.1 69.0 19.2 54.3 105.2 -6.6 -11.0 -25.3 5.2 -6.2 -10.9 52.0 96.4 137.2 36.9 65.4 92.7 -10.6 -84.9 -4 -12.4 -69.4 -29.3 1.8 4.5 28.9 -153.6 241.2 406.7 148.6 219.6 416.8 4.8 21.6 -10.1	154.7 238.7 408.6 458.4 164.5 303.6 409.0 445.8 57.7 104.6 110.2 118.1 17.9 37.1 69.0 62.0 19.2 54.3 105.2 119.1 -6.6 -11.0 -25.3 -43.2 158.3 36.9 65.4 92.7 107.4 -10.6 -84.9 -4 11.5 -12.4 -69.4 -29.3 1-6.1 1.8 4.5 28.9 27.6 9.1 153.6 241.2 406.7 457.4 148.8 219.6 416.8 454.8 21.6 -10.1 2.6	154.7 238.7 408.6 458.4 445.0 164.5 303.6 409.0 445.8 478.4 57.7 104.6 110.2 118.1 136.9 17.9 37.1 69.0 62.0 37.7 19.2 54.3 105.2 119.1 97.6 -6.6 -11.0 -25.3 -43.2 -43.1 52.0 96.4 137.2 158.3 181.4 52.0 96.4 137.2 158.3 181.4 52.0 96.4 137.2 158.3 181.4 -10.6 -84.9 -4 11.5 -34.5 -12.4 -69.4 -29.3 -16.1 -61.3 1.8 4.5 28.9 27.6 26.8 19.5 241.2 406.7 457.4 450.0 148.8 219.6 416.8 454.8 437.0 148.8 219.6 416.8 454.8 437.0 148.8 219.6 -10.1 2.6 13.0	154.7 238.7 408.6 458.4 445.0 522.0 164.5 303.8 409.0 445.8 478.4 550.5 57.7 104.6 110.2 118.1 136.9 159.4 17.9 37.1 69.0 62.0 37.7 43.2 19.2 54.3 105.2 119.1 97.6 81.8 6.6 -11.0 -25.3 -43.2 -43.1 -24.2 52.0 96.4 137.2 158.3 181.4 210.7 36.9 65.4 92.7 107.4 122.4 137.1 -10.6 -64.9 -4 11.5 -34.5 -29.7 -12.4 -69.4 -29.3 -16.1 -61.3 -63.8 1.8 4.5 28.9 27.6 26.8 34.1 153.6 241.2 406.7 457.4 450.0 526.1 148.8 219.6 416.8 454.8 437.0 515.5 48.8 21.6 -10.1 2.6 13.0 10.6	154.7 238.7 408.6 458.4 445.0 522.0 446.4 164.5 303.8 409.0 445.8 478.4 550.5 557.1 57.7 104.6 110.2 118.1 136.9 159.4 153.9 17.9 37.1 69.0 62.0 37.7 43.2 20.0 19.2 54.3 105.2 119.1 97.6 81.8 39.6 6.6 -11.0 -25.3 -43.2 -43.1 -24.2 -10.4 52.0 96.4 137.2 158.3 181.4 210.7 235.0 36.9 65.4 92.7 107.4 122.4 137.1 148.2 -10.6 -84.9 -4 11.5 -34.5 -29.7 -110.8 -12.4 69.4 -29.3 -16.1 61.3 -6.8 -135.1 18.4 5 28.9 27.6 26.8 34.1 351.9 153.6 241.2 406.7 457.4 450.0 526.1 446.3 148.8 219.6 416.8 454.8 437.0 515.5 447.3 48.8 21.6 -10.1 2.6 13.0 10.6 -1.0	154.7 238.7 408.6 458.4 445.0 522.0 446.4 463.6 164.5 303.6 409.0 445.8 478.4 550.5 557.1 592.2 57.7 104.6 110.2 118.1 136.9 159.4 153.9 130.6 17.9 37.1 68.0 62.0 37.7 43.2 20.0 65.0 19.2 54.3 105.2 119.1 97.6 81.8 39.6 58.9 -6.6 -11.0 -25.3 -43.2 -43.1 -24.2 -10.4 -10.9 52.0 96.4 137.2 158.3 181.4 210.7 235.0 242.7 36.9 65.4 92.7 107.4 122.4 137.1 148.2 153.7 16.6 -84.9 -4 11.5 -34.5 -29.7 -110.8 -128.6 -12.4 -69.4 -29.3 -16.1 -61.3 -63.8 -145.9 -176.0 18.8 4.5 28.9 27.6 28.8 34.1 35.1 47.5 153.6 241.2 406.7 457.4 450.0 526.1 446.3 468.8 148.6 219.6 141.6 454.8 437.0 515.5 447.3 502.3 48.8 21.6 -10.1 2.6 13.0 10.6 -1033.3	154.7 238.7 408.6 458.4 445.0 522.0 446.4 463.8 568.5 164.5 303.6 408.0 445.8 478.4 550.5 557.1 592.2 673.5 57.7 104.6 110.2 118.1 136.9 159.4 153.9 130.6 164.1 17.9 37.1 68.0 62.0 37.7 43.2 20.0 65.0 94.0 19.2 54.3 105.2 119.1 97.6 61.8 39.6 58.9 67.0 66.0 -11.0 -25.3 -43.2 -43.1 -24.2 -10.4 -10.9 -5.8 526.2 -10.9 -14.0 -16.8 -14.4 -9.2 17.0 32.7 52.0 96.4 137.2 158.3 181.4 210.7 235.0 242.7 254.5 36.9 65.4 92.7 107.4 122.4 137.1 148.2 159.9 160.9 -12.4 -69.4 -29.3 -16.1 -61.3 63.8 -145.9 -160.5 -160.6 -84.9 -4 11.5 -34.5 -29.7 -110.8 -128.6 -105.0 -169.6 84.9 27.6 26.8 34.1 35.1 47.5 64.6 14.6 219.6 40.6 457.4 450.0 526.1 446.3 468.8 573.9 148.6 219.6 416.8 454.8 437.0 515.5 447.3 502.3 64.8 48.8 21.6 -10.1 2.6 13.0 10.6 -1.0 -33.5 -90.9	154.7 238.7 408.6 458.4 445.0 522.0 446.4 463.6 568.5 531.3 164.5 303.6 409.0 445.8 478.4 550.5 557.1 592.2 673.5 664.2 57.7 104.6 110.2 118.1 136.9 159.4 153.9 130.6 164.1 127.1 17.9 37.1 69.0 62.0 37.7 43.2 20.0 65.0 94.0 99.6 19.2 54.3 105.2 119.1 97.6 81.8 39.6 58.9 67.0 94.6 99.6 6.6 -11.0 -25.3 -43.2 -43.1 -24.2 -10.4 -10.9 -5.8 -7.5 6.2 -10.9 -14.0 -16.8 -14.4 -9.2 17.0 32.7 53.5 52.0 96.4 137.2 158.3 181.4 210.7 235.0 242.7 254.5 269.1 36.9 65.4 92.7 107.4 122.4 137.1 148.2 153.9 160.9 168.5 -10.6 -84.9 -4 11.5 -34.5 -29.7 -110.8 -128.6 -105.0 -132.9 16.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.

Represents zero. <sup>1</sup> With inventory valuation and capital consumption adjustment.
 Capital consumption allowances with capital consumption adjustment.
 National income and product accounts basis. Source: U.S. Bureau of Economic Analysis, The National Income and Product Accounts of the United States, 1829-82, and Survey of Current Business, July 1967 Issue.

# No. 680. DISPOSABLE PERSONAL INCOME PER CAPITA IN CURRENT AND CONSTANT (1982) DOLLARS—STATES: 980 TO 1986

[For composition of regions, see fig. I, inside front cover]

		C	URRENT	DOLLARS			CON	STANT (1	952) DOI	LARS
REGION, DIVISION, AND STATE	1980	1984	1985	1986		ome nk	1980	1984	1985	1986
		l mar		2000	1980	1986		,,,,,		100
U.S	8,424	11,258	11,876	12,521	(x)	(x)	9,705	10,414	10,613	10,96
Region:		150	1.0	7.4	100		95.9		11.0	
Region: Northeast Midwest South	8,965	12,412	13,146	14,085	(x)	(X)	10,328	11,482	11,748	12.33
Midwest	8,829 9,273	11,644	12,298	13,085	(x)	(x)	10,172	10,771	10,990	11,45
West	11,693	13,295	14,193	14,946	8888	8888	10,683	12,299 15,236	12,684	13,08
		12.5	0.00	1	100	100	3.75		17	-
New England Maine New Hampshire Vormont Massachusetts Rhode Island Connecticut	8,936 7,224	12,744	13,506	14,575	(x)	(x) 32	10,295	11,789 9,067	12,070	12,76
New Hamoshire	8,524	9,801	10,366	11,106	15	8	8,323 9,820	11,319	9,264	9,72
Vermont	7,411 8,926	9,987	10,603	11,354	35	29	8,538	9,239	9.475	9,94
Massachusetts	8,926	12,913	13,769	14,836	13	4	10.283	11.945	9,475	12,99
Connecticut	8,129 10,196	11,434	11,966	12,834	26	15	9,365	10,577	10,693	11,23
		14,534	15,305	16,672	2	1	11,747	13,445	13,677	14,59
Middle Atlantic	8,975	12,300	13,024	13,918	(x)	(x)	10,340	11,378	11,639	12,18
New York	8,963	12,493	13,172	14,070			10,326 11,323	11,557	11,771	12,32
New York New Jersey Pennsylvania	9,828	13,918	14,791	15,927	4	2	11,323	12,875	13,218	13,94
		10,990	11,674	12,403	16	21	9,749	10,167	10,433	10,86
ast North Central Ohio Indiana	8,546	11,167	11,776	12,468	(x) 24	(x) 24	9,846	10,330	10,524	10,91
Ohio	8,276	10,841 10,241	11,404	12,015 11,291	24	24	9,535	10,029	10,191	10,52
Minois	7,877	10,241	10,682	13,518	31	30	9,075	9,474	9,546	9,88
Michigan	8,623	12,120	11,879	12,598	14	18	9,934	11,212 10,286	11,386	11,83
Illinois Michigan Wisconsin	8,316	10,761	11,348	12,055	20	22	9,581	9,955	10,141	10,55
		10 704	** ***	40.400	144	64				
West North Central Minnesota	8,410	10,784	11,366	12,163	(x)	(x)	9,303	9,976 10,455	10,157	10,65
lows	8,410	10,331	10,807	13,117 11,540	27	28	9,232	9,557	9,658	10,10
lows Missouri North Dakota South Dakota	7,952	10,649	11,324	11.933	28	25 33	9,161	9.851	10,120	10,44
North Dakota	7,339 7,323	10,317	10,583	11,100	37	33	8,455	9,544	9,458	9,72
Nebraska	7,323	9,505	10,032	10,730	38	34 23	8,437 9,068	8,793 9,957	8,965 10,214	9,39
Kansas	7,871 8,387	11,233	11,429	12,500	18	20	9,662	10,391	10,519	10,94
Sand Allenda		100	1000					100	111111	
South Atlantic Delaware		10,653	11,734	11,939	(x) 25	(x)	<b>8,965</b> 9,506	9,855	10,087	10,45
Maryland	8,960	12,487	13,402	14,091	11	6	10,323	11,551	11,977	12,33
District of Columbia	10,248	14,122	15.202	15,955	(x) 23	(x)	11.806	13,064	13.585	13,97
Virginia	8,287	11,492	12,271	12,993	23		9,547	10,631	10,966	11,37
Deisware. Maryland District of Columbia. Virginia. West Virginia. North Carolina. South Carolina.	6,773	8,355 9,517	8,810 9,915	9,479	46 45	49 37	7,803 7,855	7,729 8,804	7,873 8,861	8,30 9,23
South Carolina	6,503	8,812	9,238	9,685	48	46	7,492	8,152	8,256	8.48
		9,938	10.568	11,122	41	31	8,168	9,193	9.444	8,48 9,73
	mucci ateas	11,254	11,894	12,576	19	19	9,660	10,411	10,629	11,01
Kentucky Tennessee	6,690	8,809	9,206	9,722	(11)	(M)	7,707	8,149	8,227	8,51
Kentucky	6,948	8.984	9,271	9,933	(x) 43	(x) 40	8,005	8,311	8,285	8,69
Tennessee	6,988	9,339 8,736	9,830	10,395	42	39	8,051	8,639	8,785	9,10
Alabama Mississippi	5,954	8,736 7,705	9,162	9,591 8,395	47 50	48 50	7,574 6,859	8,081 7,128	8,188 7,189	8,39 7,35
		7,705	8,044	8,395	50	50	6,859	7,128	7,189	7,35
West South Central	7,919	10,424	10,908	10,913	(x) 49	(x) 43	9,123	9,643	9,748	9,55
Arkansas	6,483	8,599	9,200	9,857		43	7,469	7,955	8,222 8,766	8,63
Oklahoma	7,406	9,559	9,809	9,827	36 29	45	8,532 9,149	8,843	8,766	8,60
Arkansas Louisiana Oklahoma Texas	7,941 8,296	11,027	11,659	11,569	22	27	9,558	9,211	8,841 10,419	10,13
	PR 15 35 25 27 27 27 27 27 27 27 27 27 27 27 27 27	100		100	100	100	100	1000		100
Montain Montana	8,094 7,693	9,347	10,943 9,686	11,360	(x) 33	(x) 38	9,325	9,632	9,779 8,656	9,94
Irlaho	7 452	9,157	9,541	9,873	34	42	8,585	8,647	8.526	8,64
Wyoming	9,421	10,269	10.825	10,675	6	36	10.854	9.500	9.674	9.34
Wyoming Colorado New Mexico	8,943	12,153	12,540	12,765	12	16	10,303	11,242 8,290	11,206	11,17
Arizona	7,143	8,962 10,465	9,716	9,890	40 30	41 26	9,139	8,290 9,681	8,683 9,953	10,30
Utah	6,875	8,751	9,172	9,665	44	47	7,921	8.095	8,197	8,46
Utah	9,714	11,780	12,447	13,071	5	12	11,191	10,897	11,123	11,44
Pacific	0.007	1255	12 250	14000	ful.	Two !	11 100		11 021	19 94
Pacific	9,657	12,651	13,351	14,058	(x)	(x)	11,126	11,703	11,931	12,31
		10,413	10,849	13,194	21	35	10,618	9,633	9,695	9,39
California Arizone A 1/45 5/6 Hawaii	9,876	12,999	13,737	14,553	3	5	11.378	12,025	12,276	12.74
Account 61 Will Mile	11,568	15,433	15,961	15,453	1	3	13,327	14,277	14,264	13,53

X Not applicable.

Source: U.S. Bureau of Economic Analysis, Survey of Current Business, August issues; and unpublished data.

### No. 681. Personal Income in Current and Constant (1962) Dollars-States: 1970 to 1986

[1986 preliminary. Represents a measure of income received from all sources during the calendar year by the residents of each State. Data exclude Federal employees overseas and, for 1980, U.S. residents employed by private U.S. firms on temporary foreign assignment. Totals may differ from those in tables 672, 673, and 678. See text, section 14. For composition of regions, see fig. 1, inside front cover]

REGION.													
DIVISION, AND STATE	1970	1980	1985	1986		(bil.	tal dol.)		Pen	cent cha	nge		cent U.S.
AND STATE		1300	1303	1000	1970	1980	1985	1986	1970- 1960	1980- 1985	1985- 1986	1970	19
U.S	825.5	2,254.1	3,320.1	3,529.5	1,846.8	2,596.9	2,969.7	3,088.0	40.6	14.4	4.0	100.0	100
legion: Northeast					****								١.
Midwest	223.8	521.5 584.4	776.8 804.1	834.0	500.7 513.1	600.8 673.3	694.8 719.2	729.7 743.4	20.0 31.2	15.7 6.8	5.0	27.1	22
South	218.5	584.4 677.4	1,033.1	849.7 1,089.5	488.9	780.4	924.1	953.2	59.6	18.4	3.4 3.2	26.5	30
West	153.9	470.B	706.1	756.3	344.2	542.3	631.5	661.7	57.6	16.5	4.8	18.6	2
.E	52.8	130.4	201.7	218.6	118.1	150.2	180.5	191.3	27.2	20.1	6.0	6.4	10
ME	3.4	9.3	13.8	15.0	7.6 6.5	10.7	12.4	13.1	40.6	15.8	6.3 7.7	.4	l ·
VT	1.6	4.4	14.8	16.3 7.2	3.6	10.4	5.9	6.3	61.5	17.4	6.3	.3	
MA	25.8	61.0	95.4	103.4	57.6	70.2	85.3	90.4	21.9	21.5	6.0	3.1	13
RI	15.3	9.0 37.7	13.2 57.8	14.2 62.5	8.6 34.2	10.4 43.4	11.8 51.7	12.4 54.7	20.8 26.8	13.8	5,1 5.8	1.9	
WI rommonous	1 2 2 1	THE STATE OF			1000	1	1 3 2 3 3 4	100	100337	100	1230	100	
A	171.0	391.1	575.1	615.4	382.6	450.6	514.4	538.4	17.8	14.2	4.7	20.7	1
NY	88.7	188.3 85.4	282.9 131.5	304.1 141.9	198.5 77.3	216.9 98.4	253.1 117.7	266.1 124.2	9.3 27.3	16.7 19.6	5.1 5.5	10.7	18
PA	47.7	117.5	160.6	169.4	106.8	135.3	143.7	148.2	26.7	6.2	3.2	5.8	1
N.C.	167.4	420.3	571.7	603.8	374.5	484.3	511.4	528.3	20.2		3.3	20.3	1
OH	43.0	105.0	142.7	149.8	96.3	121.0	127.6	131.1	29.3 25.7	5.6 5.5	2.7	5.2 2.4	1 0
IN	19.6	50.8 124.0	68.4	72.3	43.9	58.5	61.2	63.3	33.3	4.5	3.4		
IL	50.8 36.8	94.1	170.6 127.3	180.1 135.1	113.6 82.3	142.9 108.4	152.6 113.8	157.5 118.2	25.8 31.8	6.8 5.0	3.2	6.1	1
MI	17.2	46.4	62.8	66.6	38.5	53.5	56.2	58.2	38.9	5.1	3.9 3.7	4.5 2.1	
.N.C	62.0	164.1	232.4	245.9	138.7	189.0	207.9	215.2	36.3	10.0	3.5	75	1
MN	15.2	41.1	59.3	63.2	34.1	47.4	53.0	55.3	38.9	12.0	4.2 3.3	7.5	
IA	10.8	27.8 45.8	36.1	38.1	24.1 39.9	32.0 52.7	32.2	33.3	33.1	.6	3.3	1.3	1
MO ND	17.8	5.6	66.1 8.2	69.9 6.5	4.3	6.4	59.1 7.3	61.1 7.4	32.1 48.6	12.1	1.4	22	1
SD	2.1	5.7	7.8	8.4	4.8	6.5	7.0	7.3	37.1	6.8	4.7	.2	1
NE	5.6 8.5	14.6 23.6	20.9 34.1	22.0 36.0	12.5 19.0	16.8 27.1	18.7 30.5	19.2	34.3 43.2	11.4	2.6 3.5	1.0	
4	113.8	340.6	534.9	576.3	254.5	392.4	478.5	504.2	54.2	21.9	5.4	13.8	
DE	2.5	6.1 45.7	8.9	9.5	5.7	7.0 52.6	8.0	8.3	24.3	13.4	4.4	.3	1
DC	17.6	45.7 7.8	70.1	75.3 12.1	39.4	9.0	62.7 10.2	65.9 10.6	33.5	19.1 13.5	5.1 3.8	2.1	U
VA	17.4	52.7	82.6	89.2	39.0	60.7	73.8	78.0	55.6	21.6	5.7	2.1	Ι.
WV	5.4	15.5	19.5	20.3	12.0	17.8	17.5	17.8	48.1 47.2	-1.9	1.7	.7	
NC	16.5 7.8	47.2 23.8	73.2	78.8 38.2	36.9 17.5	54.4 27.4	65.5 32.1	68.9 33.4	47.2 57.0	17.0	5.3 4.1	2.0	
SCGA	15.6	45.8	35.8 75.5	82.1	34.8	52.8	67.5	71.8	57.0 51.7	28.0	6.3	1.9	1
FL	27.0	96.1	157.9	171.0	60.4	110.7	141.3	149.6	83.3	27.6	5.9	3.3	l.
S.C	38.5	113.9	161.5	171.0	86.1	131.2	144.4	149.6	52.4	10.1	3.6	4.7	1
KY	10.2	29.4 37.0	40.1 53.8	41.9 57.7	22.7 27.8	33.9 42.6	35.9 48.1	36.7	49.1 53.4	13.0	2.2	1.2	
AL	10.2	30.1	43.3	45.9	22.7	34.6	38.7	50.4 40.2	52.4	11.8	4.8 3.8	1.2 1.5 1.2 .7	П
MS	5.8	17.5	24.3	25.5	12.9	20.2	21.7	22.3	56.3	7.6	2.8	.7	
.s.c	66.3	222.9	336.7	342.1	148.2	256.8	301.2	299.3	73.2	17.3	6	8.0	1
AR	5.5	17.1	24.9 50.5	26.3	12.2	19,7	22.3	23.0	61.5	13.0	3.2	.7	1
OK	11.2	36.7 28.6	40.2	50.4 40.6	25.1 19.7	32.9	45.2 36.0	44.1 35.5	68.6 66.9	6.9 9.3	-2.5	1.4	
TX	40.8	140.5	221.1	224.9	91.2	161.9	197.7	196.7	77.4	22.2	5	4.9	1
t	31.1	108.1	162.6	171.9	69.6	124.6	145.4	150.4	79.1	16.7	3.4	3.8	1
MT	2.5	7.0	9,1	9.7	5.5 5.6	8.1 9.4	8.2	8.5	47.5	.4	3.8	.3	1
WY	1.3	8.1 5.4	6.6	11.3 6.5	2.8	6.2	9.8 5.9	9.8 5.7	118.8	-4.1 -4.9	1.0 -3.8	3	1
NM	9.0	30.8	47.5	49.8	20.0	35.5	42.5	43.5	77.4 71.3	19.6	2.5	1.1	1
NM	3.2 6.8	10.7 25.1	16.3 40.9	16.9	7.2 15.2	12.3 28.9	14.6 36.6	14.8 39.1	71.3 90.0	17.9 26.7	1.6 6.9	.8	
AZ	3.5	11.7	17.5	18.3	7.9	13.5	15.7	16.0	71.7	16.3	2.0	.4	
NV	2.4	9.3	13.8	14.9	5.4	10.7	12.3	13.0	98.0	15.7	5.6	.3	1
WA	122.8	362.6	<b>543.5</b> 62.3	584.3 67.0	274.6 31.8	417.8	486.1 55.7	511.2	52.1 61.3	16.4 8.5	5.2	14.9	1
OR	8.2	44.6 26.1	34.1	36.0	18.3	51.4 30.0	30.5	58.6 31.5	64.3	1.5	5.2 3.2	1.0	1
CA	95.0	276.1	34.1 422.7	456.1	212.6	318.1	378.1	399.0	49.6	18.9	5.6	11.5	١,
AK	1.5	5.6	9.6	9.5	3.5	6.5	8.6	6.3	86.7	33.6	-3.6	.2	1

### Personal Income

# No. 682. Personal Income Per Capita in Current and Constant (1982) Dollars—States: 1970 to 1988

[See headnote, table 661]

			CURR	ENT DOL	LARS				CONSTAN	T (1982)	DOLLAR	S
REGION, DIVISION,	1970	1980	1984	1985	1986		ome nk	1970	1980	1984	1985	198
	13.7		100	,,,,,,	1500	1980	1986		,,,,,	1000	1000	,,,,,
U.S		9,919	13,114	13,907	14,641	(x)	(x)	9,063	11,427	12,131	12,439	12,83
Region: Northeast Midwest South West		-		1.5	1				1	-	1250	
Northeast	4,553	10,604	14,615	15,591	16,675	(x)	(x)	10,186	12,216	13,520	13,945	14,61
South	3 467	9,920 8,944	12,852 11,905	13,582	14,326	(X)	(X)	9,055	11,428 10,304	11,889	12,148	12,55
West	4,401	10,842	13,939	14,764	15,510	SSSS	SSSS	9,847	12,491	12,894	13,205	13,59
New England Maine New Hampshire Vermont Massachusetts Rhode Island Connecticut	4 445	10,542	14,906	15,939	17,166	(v)	(v)	9,944	12,145	13,789	14,257	15.0
Maine	3,405	8,224	11,201	11,857	12,790	(x)	(x) 33	7,617	9,475 11,278	10,362	10,606	
New Hampshire	3,890	8,224 9,789	13,801	14,860	15,911	23	8	7,617 8,702	11,278	12,767	13,292	11,2
Vermont	3,604	8,578	11,538 15,298	12,415	13,348	35	29	8,063	9,882	10,673	11,105	11.6
Massachusetts	4,514	10,612	12,993	16,393 13,682	17,722	12	20	10,098	12,226	14,152	14,663	15,5
Connecticut	5,037	9,516 12,110	17,036	18,229	19,600	2	1	11,268	13,952	15,759	16,305	17,1
New York	4 588	10.624	14,516	15,472	16,508	(v)	(x)	10,264	12.240	13,428	13,839	14.4
New York	4,855	10,624 10,718	14.967	15,942 17,398	17,111	(x) 10	. 5	10,861	12,348	13,846	14,259	14,9
New Jersey	4,805	11,579	16,268	17,398	18.626	4	2	10,749	12,348 13,340	15,049	15,562	16,3
Pennsylvania	4,042	9,893	12,738	13,540	14,249	18	21	9,043	11,397	11,784	12,111	12,4
East Horth Central	4,151	10,079	12,980	13,727	14,467	(x) 25	(x) 22	9,286	11,612	12,007	12,278	12,6
Ohio	4,033	9,723	12,569	13,276	13,933	31	32	9,022	11,202	11,627	11,875	12,2
Illinois	4 563	10,840	14,063	12,431	13,136 15,586	7	9	8,436 10,208	10,654	10,957 13,009	11,119	11,5
Michigan	4.133	10,165	13,001	14,003	14,775	15	17	0 246	11,711	12,027	12,525	12,9
Wisconsin	3,889	9,846	12,561	13,147	13,909	20	23	8,700	11,343	11,620	11,759	12,1
West North Central Minnosota Iowa Missouri North Dakota South Dakota Nebraska Kansas	3,791	9,533	12,546	13,238	13,992	(x)	(x)	8,481	10,983	11,606	11,841	12.2
Minnesota	3,995	9,533 10,062	13,402 11,943 12,386	14,147	14,994	(x) 16	(x) 15	8,481 8,937	11,592	12,398	12,654	13.1
lowa	3,804	9,538 9,296	11,943	12,510	13,348	26	30	8,510 8,521	10,988	11.048	11,190 11,736	11,6
Missoun	3,809	8,539	11,521	13,121	13,789	29 37	24 35	7,000	10,710	11,458 10,658	10,674	12,0
South Dakota	3,200	8,218	10,586	11,034	11,814	40	39	7 159	9,468	9,793	9,869	10,3
Nebraska	3,759	8,218 9,272	12,312	13,042	13.742	30	25	8,409	10,682	11,389	111,665	12,0
Kansas	3,770	9,941	13,137	13,907	14,650	17	18	7,159 8,409 8,434	11,453	12,153	12,439	12.8
South Atlantic Delaware Maryland District of Columbia Virginia West Virginia North Carolina South Carolina Georgia Florida	3,694	9,171	12,466	13,302 14,308	14,086	(x)	(x) 13	8,264	10,566	11,532	11,898 12,798	12,3
Delaware	4,587	10,241	13,442 14,849	14,308	15,010		13	10,262	11,798	12,435	12,798	13,1
District of Columbia	5 250	10,809	17,037	15,948 18,362	16,864	8	7	10,011	12,453	13,736	14,265	14,7
Virginia	3.743	9,818	13,498	14,477	15,408	(x) 21	(x)	8,374	14,146	15,760	12,949	17,0
West Virginia	3,078	7.916	9,680	10,079	10,576	46	49	6,886	9,120	8,955	9,015	9,2
North Carolina	3,236	7,998	11,001	11,685	12,438	44	36	7,239	9,120 9,214	10,177	10.452	10,9
South Carolina	3,004	7,587 8,350	10,171	10,749	11,299	48	43 28	6,720 7,555	8,741	9,409	9,614 11,304	9,9
Florida	3,943	9,765	11,805	12,638	13,446	38 24	19	8,821	9,620	12,056	12,430	12,8
Kentucky. Tennessee Alabama. Mississippi	0.007			100	100	(m)		100	0.00	100	750.50	TE.
Kentucky	3 141	7,750 8,018	10,127	10,669	11,243	(X) 43	(x)	6,705 7,027	9,237	9,368	9,543 9,623	9,8
Tennessee	3,151	8,027	10.635	11,284	12,002	42	38	7.049	9,248	9.838	10.093	10,5
Alabama	2,945	7,704	10,115 8,916	10,760	11.336	47	42	6,588 5,810	8,876	9,357 8,248	9,624 8,300	9,9
Mississippi	2,597	6,927	8,916	9,279	9,716	50	50	5,810	7,980	8,248	8,300	8,5
West South Central	3,418	9,325	12,081	12,688	12,735	(x) 49	(x) 47	7,647 6,324	10,743	11,176	11,349	11,1
Arkansas	2,827	7,470 8,682	9,955	10,553	11,073	49	47	6,324	8,606	9,209	9,439	9,7
Oklahoma	3,071	9,395	10,946 11,725	11,267	11,193	34 28	46 37	6,870 7,687	10,002	10,126	10,078	9,8
West South Central Arkansas Louisiana Oklahoma Texas	3,629	9,795	12,780	13,488	13,478	22	26	8,119	11,285	11,822	12,064	11,8
Montana Montana Idaho Montana Idaho Montana Idaho Montana Montana Montana Montana Mesico Arizona Utah Nevada	3.725	9,442	12.045	12,704	13,203	(x)	(x)	8.333	10,878	11,142	11,363	11,5
Montana	3,528	8,924	10,826 10,361	11,031	11,803	(x)	(X) 40	7,893	10,281	10,015	9,867	10.3
Idaho	3,467	8,570	10,361	10,859	11,223	36	45	7,893 7,756	9,873	9,585	9,713	9,8
Wyoming	3,797	11,339	12,252	12,940	12,781	6	34	8,494	13,063	11,334	11,574	11,2
New Mexico	3 145	10,597	14,092	14,683	15,234	13	12	9,004 7,036	12,209	13,036	13,133	13,3
Arizona	3,789	8,174 9,161	11.969	12,818	13,474	32	27	8,477	9,417	11,072	11,465	11,8
Utah	3,297	7,953	10,110	10,661	10,981	45	48	7,376	9,162	9,352	9,536	9,6
Nevada	4,878		13,825	14,713	15,437	5	10	10,913	13,158	12,789	13,160	13,5
Vashington Cregon California Alaska	4,614 4,165 3,889	11,344 10,727	14,632	15,516	16,351	(x)	(x)	10,322	13,069	13,536	13,878	14,3
Washington	4,165	9,864	13,411	14,128	15,009	19	31	9,318	12,358	12,406 11,145	12,637	13,1
California	4,746	11,603	15,097	16,036	16,904	3	6	10,617	13,368	13,966	14.343	14.8
Alaska	5,073	13,830	18,109	18,444	17,796	1.	3	11,349	15,933	16,752	16,497 12,594	15,5
Hawaii	4,944	10,616	13,161	14,080	14,886	11	16	11,060	12,230	12,175	12,594	13,0

X Not applicable.

Source: U.S. Bureau of Economic Analysis, Survey of Current Business, August issues; and unpublished data.

NO. 683. PERCENT DISTRIBUTION AND AVERAGE ANNUAL PERCENT CHANGE OF SHARES OF NATIONAL INCOME, BY TYPE: 1970 TO 1986

[For definition of average annual percent change, see Guide to Tabular Presentation. See also headnote, table 674]

		PE	RCENT D	STRIBUTI	ON		AV	G. ANNU	AL PERCE	NT CHAN	<u></u>
TYPE OF INCOME	1970	1970	1980	1984	1980	1980	1970- 1970	1970- 1985	1985- 1984	1984- 1980	1905- 1905
Hational Income, total	100.0	100.0	100.0	100.0	100.0	100.0	9.1	11.3	11.4	8.8	5.9
Compensation of employees Wages and selarise Supplements to wages, selarise Proprietors' income * Parm Nonfarm Rental income of persons * Corporate profits * Profits before tax Profits after tax Inventory veluation adjustment Capital consumption adjustment Net interest	68.2 8.0 9.8 1.8 7.9 2.2 9.0 9.1 5.0	73.6 63.2 10.4 9.7 2.0 7.8 1.0 9.1 10.5 6.5 9 5	74.3 62.3 12.1 8.2 .9 7.3 .3 8.0 10.8 8.9 -2.0 8	73.1 60.7 12.4 7.7 1.0 6.7 .3 8.8 7.9 4.8 -2 1.1	73.4 61.1 12.3 8.0 .9 7.0 .3 8.8 7.0 4.0 (-z) 1.7 9.8	73.2 61.0 12.2 8.5 1.1 7.4 .5 8.3 6.8 3.7 .2 1.3 9.5	8.9 8.1 14.9 9.4 11.6 6.9 -5.8 9.5 12.1 15.0 (X) (X)	11.5 11.0 14.7 7.8 -4.2 9.9 -13.3 8.5 12.0 12.7 (X) (X)	9.6 9.7 8.9 22.8 146.0 14.3 35.8 24.9 15.8 12.0 (X) 92.4 8.5	7.1 7.4 5.6 9.7 -2.6 11.6 5.9 4.0 -6.3 -12.3 (x) 63.6 3.4	5.7 5.8 5.0 12.6 25.3 11.0 85.8 2.4 3.2 -1.0 (x) -14.0

X Not applicable. Z Less than .05 percent. See footnote 1, table 674. See footnote 2, table 674. Source: Compiled by U.S. Burseu of the Census; based on data from U.S. Burseu of Economic Analysis, The National Income and Product Accounts of the United States, 1929-92, and Survey of Current Business, July 1967 less.

#### No. 684. Flow of Funds Accounts—Composition of Individuals' Savings: 1970 to 1986

[in billions of dollars. Combined statement for households, farm and nonferm, noncorporate business, nonprofit organizations, and personal trusts. Minus sign (—) indicates decrease. See *Historical Statistics, Colonial Times to 1970*, series F 588-594, for similar but not exactly comparable data]

COMPOSITION OF SAVINGS	1970	1975	1980	1981	1982	1983	1984	1985	1986
increase in financial assets	82.4	171.7	333,7	363.7	402.3	468.3	551.7	580.5	514.1
Checkable deposits and currency	8.9	5.9	12.8	30.0	19.3	39.5	19.1	45.1	98.7
Time and savings deposits	43.6	76.8	126.2	66.2	126.7	198.6	224.6	140.0	109.3
Money market fund shares	-	1.3	29.2	107.5	24.7	-44.1	47.2	-2.2	20.8
Securities	-2	6.2	13.3	14.6	75.2	104.8	99.6	180.2	107.4
U.S. savings bonds	.3	4.0	-7.3	-4.3	.2	3.1	3.0	5.3	13.6
Other U.S. Treasury securities	-11.3	12.8	27.0	38.1	53.3	63.6	71.8	-10.3	-65.9
U.S. Government agency securities		-4.7	7.0	11.4	2.2	-6.2	36.4	65.8	59.4
Tax-exempt obligations	9	6.2	7.0	11.0	24.7	37.8	28.7	59.4	14.5
Corporate and foreign bonds	10.7	6.9	-11.7	-4.0	2.0	-12.7	-3.4	13.2	12.3
Open-market paper		-11.6	-2.2	-8.6	-9.2	4.4	5	47.8	-3.1
Mutual fund shares	2.6	1	4.5	6.0	16.8	32.1	38.0	103.4	191.7
Other corporate equities	-4.3	-7.3	-10.8	-34.9	-14.7	-17.3	-74.3	-104.2	-115
Private life insurance reserves	5.2	7.9	9.7	8.9	7.0	7.8	5.0	10.4	10.2
Private insured pension reserves	2.9	8.7	22.3	29.5	39.7	40.2	45.2	63.4	63.6
Private noninsured pension reserves	6.9	38.8	51.2	37.8	36.7	48.7	20.3	10.2	4.5
Government insurance and pension reserves	8.9	15.1	35.3	39.7	43.9	53.5	63.9	66.5	68.1
Miscellaneous financial assets	6.3	11.1	33.5	29.4	29.1	19.2	26.9	46.9	31.0
Gross investment in tangible assets		236.4	403.5	457.9	434.2	505.2	608.4	641.5	699.5
Owner-occupied homes	28.1	51.9	113.6	111.2	89.9	124.9	154.5	162.0	178.7
Other fixed assets 1	36.4	45.2	79.7	94.5	95.0	98.9	109.8	116.2	129.2
Consumer durables	85.7	135.4	219.3	239.9	252.7	289.1	331.2	359.3	388.1
Inventories 1	.4	4.0	-9.1	12.3	-3.4	-7.6	12.9	4.1	3.5
Capital consumption allowances	102.9	173.0	311.1	341.1	365.1	381.9	401.3	426.9	451.4
Owner-occupied homes	13.5	24.4	47.0	51.4	54.3	57.0	59.9	63.9	67.0
Other fixed assets 1	23.7	41.6	76.8	87.1	95.5	98.4	102.9	106.7	109.7
Consumer durables	65.8	107.0	187.4	202.5	215.4	226.4	238.5	256.3	274.8
Net investment in tangible assets	47.5	63.4	92.4	116.8	69.0	123.3	207.1	214.6	248.1
Owner-occupied homes	14.6	27.5	66.6	59.7	35.6	67.8	94.6	98.1	111.7
Other fixed assets 1	12.7	3.6	3.0	7.4	4	.4	6.9	9.5	19.5
Consumer durables	19.9	28.4	31.9	37.4	37.2	62.7	92.7	102.9	113.3
Inventories 1	.4	4.0	-9.1	12.3	-3.4	-7.6	12.9	4.1	3.5
Net increase in debt *	41.4	76.7	177.2	179.1	140.4	279.6	336.5	393.9	392.6
Mortgage debt on nonfarm homes	13.4	38.2	96.4	75.0	49.5	110.4	129.3	149.4	195.5
Other mortgage debt 1	16.6	18.4	33.1	36.2	37.1	69.1	87.9	85.7	101.0
Consumer credit	5.5	9.1	4.5	22.6	17.7	56.8	95.0	96.6	65.8
Security credit	-1.8	.7	6.5	-1.7	3.8	8.4	-3.1	16,7	6.2
Other debt 1	5.4	8.6	30.1	39.5	28.1	33.9	27.0	45.7	24.3
Individuals' saving		158.5	249.0	301.5	330.9	312.0	422.3	381.2	369.6
Less: Government insurance and pension reserve		15.1	35.3	39.7	43.9	53.5	63.9	66.5	68.1
Net investment in consumer durables	19.9	28.4	31.9	37.4	37.2	62.7	92.7	102.9	113.3
Capital gains dividends from mutual funds	.9	.2	1.8	2.7	2.4	4.4	6.0	4.9	17.5
Net saving by farm corporations	(Z)	.5	.5	.2	.5	.6	.7	1.2	1.0
Equals: Personal saving, flow of funds basis 3	58.9	114.3	179.5	221.4	247.0	190.8	259.0	205.7	169.7

Represents zero.
 Z. Less than \$50 million.
 <sup>1</sup> Includes corporate farms.
 <sup>2</sup> Personal saving on national income account basis measures personal saving as income less toxes and consumption; flow-of-Aunale basis measures the same concept from acquisition of assets less borrowing.

Source: Board of Governors of the Federal Reserve System, Flow of Funds Accounts, quarterly.

# . 685. ANNUAL GROWTH RATES OF REAL GROSS DOMESTIC PRODUCT—INTERNATIONAL COMPARISONS, SELECTED PERIODS: 1950-85 TO 1984-85

percent. See also Historical Statistics, Colonial Times to 1970, series F 10-16. Minus sign (-) indicates decline]

'RY	1950- 85	1 <b>95</b> 0- 70	1970- 75	1970- 80	1976- 77	1977- 79	1978- 79	1979- 80	1950- 81	1981- 82	1982- 83	1983- 84	1984- 85
<b>05</b>		3.8	2.1	2.7	4.5	5.1	2.0	_	2.1	-2.5	3.4	6.6	2.9
8	1.8	2.5	1.1	1.6	3.5	4.0	.9	- 1.1	1.0	-3.5	2.4	5.6	1.9
	4.6	5.2	5.2	4.6	3.6	4.6	3.9	1.5	3.7	-3.3	3.1	5.6	3.9
B		3.3	3.9	3.3	2.4	3.5	2.9	.2	2.4	-4.5	2.1	4.6	3.0
		5.6	4.0	3.6	3.1	3.8	3.3	1.1	.5	1.8	.7	1.5	1.1
8		4.5	3.2	3.0	2.6	3.3	2.9	.5	1	1.2	.3	1.1	l '' <del>'</del>
	1 4 6	5.7	2.4	3.1	1.9	2.7	4.9	3.9	.2	5	2	2.8	2.3
•		5.0	1.7	2.6	1.8	2.0	4.6	3.7	-	8	5	2.6	2.1
B		10.5	4.3	4.6	5.3	5.1	5.2	4.4	3.9	2.8	3.2	5.0	4.5
							4.3		3.5	2.2		4.3	3.9
<b>1</b>		9.3	2.8	3.4	4.3	4.1		3.6			2.4		3.8
<b>Jdom</b>		2.8	2.2	1.9	1.1	3.5	2.2	-2.3	-1.2	1.0	3.8	2.2	3.7
<b>8</b>		2.2	2.0	1.8	1.1	3.6	2.1	-2.4	-1.3	1.0	3.7	1.9	3.5
eny	4.5	4.5	2.1	2.7	3.0	2.9	4.2	1.4	.2	6	1.5	2.7	2.6
<b>a</b>	3.8	3.6	1.7	2.5	3.2	3.0	4.1	1.0	-	6	1.9	3.2	2.9

isents zero. 1 Initial year 1951. 2 Initial year 1952.

# 16. GROSS DOMESTIC PRODUCT OF SELECTED COUNTRIES AS PERCENT OF UNITED STATES: 1970 TO 1985

yns are based on constant (1980) price data converted to U.S. dollars using 1980 exchange rates. See text, section 14]

			GROSS	DOMES	STIC PR	DOUCT				PER (	CAPITA	GROSS	DOMEST	IC PRO	DUCT	
	1970	1975	1980	1981	1982	1983	1984	1985	1970	1975	1980	1981	1982	1983	1984	1985
rarts Made Made Made	100 8 22 14 33	100 9 24 14 36	100 10 24 15 39	100 10 24 14 40	100 10 25 15 42	100 10 24 14 42	100 10 23 14 42	100 10 23 14 42	100 79 90 54 65	100 90 100 56 70	100 93 103 59 77	100 94 102 59 78	100 93 107 60 83	100 93 105 59 83	100 92 100 57 82	100 90 90 57 84
	21	22	20	19	20	20	19	19	79	83	80	79	82	83	80	8
	30	30	30	30	30	30	29	29	102	105	112	111	114	114	111	111

U.S. Bureau of Economic Analysis. Adapted from Long Term Economic Growth, 1860-1970, using data from the n for Economic Cooperation and Development.

### No. 687. SELECTED INTERNATIONAL ECONOMIC INDICATORS: 1970 TO 1986

r gross national product (GNP) at market prices, except for France, Italy, and the United Kingdom, which relate to gross: product. Gross fixed capital formation covers private and government sectors except military. Savings data are d by deducting outlays—such as personal consumption expenditures, interest paid, and transfer payments to s—from deposable personal income. Minus sign (—) indicates decline)

YEAR	Unit- ed States	France	West Ger- many	italy	Neth- erlands	Unit- ed King- dom	Japan	Can- ada
h rates ! (constant 1982 prices):				1			70	
	3	5.7	5.0	5.3	(NA)	2.2	9.9	2.5
	2	1.0	1.5	3.9	.8	-2.3	4.3	1.1
	-2.5	2.0	-1.0	5	-1.7	1.2	3.1	-4.4
	3.6	.7	1.5	4	1.3	3.6	3.2	3.3
	6.8	1.5	3.0	2.6	1.7	2.0	5.1	4.7
	3.0	1.3	2.4	2.7	2.0	3.0	4.5	4.9
maket is to grave process to the process of the state of the process of the proce	2.9	2.1	2.5	2.7	(NA)	2.2	2.5	2.9
	17.7 19.0 17.1 17.1 18.0 18.5 (NA)	23.3 21.8 20.8 19.8 19.0 16.8 18.8	25.5 22.8 20.6 20.6 20.2 19.5 19.3	23.1 19.8 19.0 18.0 17.9 18.2 21.6	(NA) 21.1 18.3 18.1 18.5 18.4 (NA)	18.3 18.1 16.4 16.4 17.4 17.1	35.6 32.0 29.7 28.2 27.8 27.6 27.7	21.0 23.3 22.1 19.9 18.9 19.2 20.2
vings to disposable personal income:	100	100	1.3		25.4	1.20	100	2.4
	8.1	16.7	14.7	221.6	14.0	9.6	18.2	5.3
		14.9	14,1	22.0	10.9	15.1	19.2	12.3
	6.8	15.7	13.8	24.0	14.5	12.9	17.6	15.2
		14.9	12.5	22.8	13.0	11.6	17.3	
		13.5	13.0		14.0	11.9	16.0	13.2
	4.5	12.3	12.7	19.7	13.5	11.3	(AM)	
	4.3	12.2	13.2	(AH)	(AM)	1 110	( Ben)	133

available. <sup>1</sup> Growth rates represent percentage change from preceding year. <sup>3</sup> Estimated.

1.S. Dept. of Commerce, International Trade Administration, Office of Trade and Investment Analysis, International Scatter, quarterly.

U.S. Bureau of Economic Analysis. Adapted from Long Term Economic Growth, 1860-1970, using data from the n for Economic Cooperation and Development.

No. 688. Average Annual Income and Expenditures of ALL Consumer Units: 1985

sellers. Based on Consumer Exper averages for the population. Seco- norpresorption drugs, household su	penditure interiord, expend	\$5 <u>6</u>		At section 1	of out-of-poor	825	22g	>F ₹ 1	interpreting the equity and approximately fith the Diary survey to	at a series of the series of t		deta, several facto it of expenditures a complete picture	256	at blud be covered	considered. First, in the interview. nes)	Frst, the data ew. Excluded	22
							T. T.				TANK T	TRANSPORTATION				Ę	
	Incorne before taxes 1	Total expend- tures	Food	P P P P P P P P P P P P P P P P P P P	Total	ž.	448888	House oper-	Franch Franch	2 2 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	a se para	All other transpor- tetion *	1 0 1 0	Other. expend- tures *	Page 2	Becuffy	E S P
Al consumer units	28,127	712,25	3	*	3	3	3	3	1	1,161	1. 86.	128,8	1,087	1,006	222	1,738	3
Turing 85 years person: 20-45 years 20-45	22,236 22,738 32,738 32,002 27,065 19,191	22.28 22.97 22.97 22.38 22.38 22.38 23.38	- 8.4.4.9.9.9 9.1.4.4.9.9.9 9.1.6.4.9.9.9.9 9.1.6.6.9.9.9.9.9 9.1.6.9.9.9.9.9.9.9.9.9.9.9.9.9.9.9.9.9.	28884257	2,242 6,677 6,677 6,119 6,256 6,256 6,256 7,157	44.2.4.9.9.9 44.2.4.9.9.9 64.2.4.9.9.9 64.4.4.9.9 64.4.4.9.9	1.4.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	<b>83488</b>	35 <u>5</u> 5838	7.1. 5.6. 5.6. 5.7. 7.4. 7.4. 7.4.	800 50 50 50 50 50 50 50 50 50 50 50 50 5	28.4.4.8.9.2. 25.4.4.8.9.2. 25.6.8.8.6.6.6.6.6.6.6.6.6.6.6.6.6.6.6.6.	8 - 0 - 1 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5		25555	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	22.00.00.1 20.00.00.1 20.00.00.1 20.00
Andrease Monte	22.22.28 22.120 22.738 10.00 1	2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	<u> </u>	6.867 7.869 946	8,4,4,4 8,6,4,4,4 8,6,6,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,	25. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	2885	2000	1.00 1.20 0.00 0.00 0.00 0.00 0.00 0.00	200.1. 200.1. 200.1.	6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00	20.1.2 22.2.2	8.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	2682	780.	1.836 2.261 2.362 2.277
Se of consumer unit: One person Two persons Three persons Four persons Set persons or more	14,510 25,106 30,912 34,414 27,510	5,2,4,4,4,4 8,50,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,	2.0.4.4.4.4.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	<b>88888</b> 5	4.7.7.36 4.7.7.36 7.7.36 1.5.4.83 8.43 8.4	2,748 2,873 2,863 7,863 7,860 0,000	0.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2	584848 5840848	4400 E	598.54	28 5 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	- 6. 4. 4. 6. 0. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.	888555	- 86 6.4 8 847+86 70800 70800 70800	16444 1644 1644 1644 1644 1644 1644 164	25.9.9.9. 25.9.9.9. 25.9.9.9. 25.9.9.9.9.	24.29.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.
Complete lasse: Complete income neporters 1  Lowest 20 percent Second 20 percent That 20 percent That 20 percent Highest 20 percent Highest 20 percent	25,127 3,594 10,811 16,397 30,987 60,741	22,539 11,006 14,131 16,163 25,832 42,374 19,690	3,362 2,103 3,063 3,853 3,863 3,863 3,863 3,863	# 15###################################	6.884 3.732 7.516 7.516 6.630	3,864 2,133 3,244 3,330 3,732 3,732	1,636 2,242 2,342 1,724	¥ 588868	8 8 8 8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	95.2 95.3 95.3 95.3 95.3 101.1	8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	3,570 2,282 2,286 3,286 3,186 3,186 3,186 3,186	2. 12.8.8.2.4.8 8. 12.8.8.2.4.8	6	<b>8</b> 538820	25.5 25.5 25.5 7.5 2.5 3.0 (.)	25.2 26.2 26.5 26.5 26.5 26.5 26.5 26.5

I Income value are derived from "complete income reporters" only. Represents the combined income of all consumer unit members 14 years or over during the 12 months preceding the intension. A complete reported value for the face of the major sources of income. Includes other private handscorded and public brancheston. Entertainment, personal owns, research subsector and entertainment approach completely, and miscalismose expenditure. For data on entertainment and reading, see table 304.

Bource U.S. Bureau of Labor Statistica, Consumer Expenditure Surrey; Intenders Surrey, 1885, annual.

[Besed on Consumer Expanditure Diary Survey; see text for description of survey]

								AVERA	IVERAGE WEEKLY EIDENOTURES	у ехрен	NTURES						
						Fo	Food at h	home						٥	ż		
CHARACTERSTIC	Income before taxes 1	Food	Total	Ceresi and beliany prod- ucts	Beef and pork	Pour Person Pers	F S D P S	Mark Seems Contract C	Fresh fruits and Des	Proc.	Other food at home *	Food avery from home	P S S S S S S S S S S S S S S S S S S S	Para para para para para para para para		Non- scription drugs and supples	
All consumer units	\$24,632	\$59.92	838.60	\$5.44	10.04	\$3.25	\$1.82	\$6.12	\$3.66	\$2.54	\$10.71	\$21.32	\$6.52	82.78	7.2	\$2.40	\$6.24
Age of reference person:	2000	;	3			3				:			;	9	8	1	8
	36,7	3 5	3.5	7.6	12	8	. 5	5 %	26	- 6	5	ž Š	3 8	38	3 %	84	38
35-44 were	8	28.2	47.14	92.9	7.47	3.87	88	93	12	90	13.32	8	6.71	7	999	2.48	ĕ
45-54 7007	34,345	7.4	12.04	8.8	4	8	2.3	6.16	4.37	3.16	13.67	28.27	6.45	5.10	7.32	8.8	6.12
	25.53.	3;	21.8	8	8	3.72	3.5	25	81	<u>ور</u>	10.97	83	28	8	3	2.57	8
75 was and may	2/2/2	2 5	38	35	88	200	82	15	× ×	, c	88	35	35	5,5	35	\ <del>\</del>	38
Region of residence:	:	}	<u> </u>	!	}	i	<u> </u>	;	}	2	•	}	!	!		}	}
Northeast	28,713	<b>2</b> .5	8	8:	621	8	2.24	8	86.	2.88	9.5	8 5 5	8	¥.	8	22	9
	3,5	2 8	38	2 5	9.7	8 8	85	* 1	2 6	7 0	5.5	5.5	5.5	2 6	38	3.5	3 :
	35	8	3	88	919	317	16	3	2.5	4	18	24.50	38	2.87	8	25.5	4
Size of consumer unit:								!		1							:
One person	2,180	88	8:	85	88	25	2	88	88	- 6	4.72	556	4.8	88	30	- c	8
Three perions	20.50	3 3	5.5	28	737	38.5	288	200	01.7	2 6	12.0	28	200	3 2	200	175	25
Four persons	33,113	91.07	6.9	7.08	6.97	4.61	242	2.7	8	3.51	15.11	<b>8</b> 16	5.24	8	9.24	2.78	6.79
Five persons	<b>8</b>	8 8 8	8 I	5.75	10.2	8	21	96	8:	3.8	5.78	8:	2	8	5	25	28
Sex persons of more	e E	8.30	?	3	27	Ŗ	Ŗ	77.01	8	3	3	- ei	Ş	ņ	2	3	ę
Complete reporters of income 1	24,632	89.08	30.17	5.5	90.0	3.19	98	S	3.6	2.5	11.02	21.48	2.6	3.8	5.16	2.71	6.6
Culnities of income:	. !								-		-	į		;	•		;
Lowest 20 percent	4,213	8	24.78	92	8	88	8	8	53	2.8	86	5	2.87	3.5	31	7.5	, ,
Second 20 percent	7.0	- 8	2 5	7 9	2 4	88	<u>.</u>	28	2 8	3.5	9 6	36	3 4	36	2		
Fourth 20 percent	38	35	5.5	9 8	2 2	34	20.5	36	90	28	12.87	25	2	58	8	202	<b>9</b>
Highest 20 percent	57,817	2	57.61	8	8	3	2.07	3	3	3.8	16.24	60.53	<b>1</b> 0.	86.4	6.97	Š	1.56
Incomplete reporting of income	•	57.33 23.33	36.58	5.10	8	3,5	27	4.75	3.66	2.36	3	2.2	9 2 3	3.75	8	2.	<b>4</b>
	1	٦	1		1		1		1	1		1					

- Represents zero. I income values are derived from "complete income reporters" only. Represents the combined income of all consumer unit members 14 years old or over during the 12 months previous. A complete reporter is a consumer unit who provided at least one of the major sources of its income. Fresh milk and onem. Includes sugar and other events, this and other previous from the construction of the respect. Source: U.S. Bureau of Labor Statistics, Consumer Expanditure Survey: 1865 Results for Both Urban and Rural Population (BLS News Release, U.S.D.L.: 86-451.)

No. 680. Money Income of Households-Percent Distribution by Income Level in Constant (1986) DOLLARS, BY RACE AND HISPANIC ORIGIN OF HOUSEHOLDER: 1970 TO 1986

[Households as of March of following year. Based on Current Population Survey; see text, sections 1 and 14, and Appendix III.
Hispanic persons may be of any race. For definitions of household and race, see text, section 1. For definition of median, see
Guide to Tabular Presentation]

RACE AND HISPANIC	Num-			PERCEN	T DISTRIBUT	ION, BY INC	OME LEVEL			
ORIGIN OF HOUSEHOLDER AND YEAR	ber of house- holds (1,000)	Under \$5,000	\$5,000- \$9,999	\$10,000- \$14,999	\$15,000- \$19,999	\$20,000- \$24,999	\$25,000- \$34,999	\$35,000- \$49,999	\$50,000 and over	Median income (dol.)
ALL HOUSEHOLDS										
1970	64,778	8.2	10.9	10.3	13.0	8.4	24.9	12.8	11.5	24.662
1975	72.867	6.8	12.6	11.4	10.7	10.5	20.8	14.8	12.3	24,039
1980		8.3	11.8	11.8	10.6	10.4	18.0	16.4	12.7	23.565
664		8.5				9.9	17.5	16.0		22,995
981	83,527		12.4	12.2	11.3				12.4	
1982		8.5	12.7	12.0	11.0	10.6	17.2	15.4	12.7	22,913
1983	85,290	8.3	12.3	11.9	11,1	10.3	16.9	15.6	13.5	23,131
1984	86,789	7.6	12.5	11.6	10.9	10.0	16.9	15.8	14.6	23,661
1985	88,458	7.5	12.2	11.3	10.8	9.9	16.9	16.0	15.4	24.072
1986	89,479	7.4	11.7	11.0	10.4	9.6	16.6	16.5	16.8	24,897
WHITE		100	1 2 10		100	100	1000	1.5.5	1.000	
1970	57.575	7.3	10.2	9.8	12.8	8.4	25.8	13.4	12.2	25,687
1975		6.0	11.7	11.1	10.6	10.5	21.5	15.5	13.2	25,139
1980	71.872	7.1	10.9	11.4	10.5	10.5	18.6	17.3	13.7	24.862
1900										
1981	72,845	7.2	11.4	11.7	11.3	10.1	18.1	16.8	13.4	24,296
1982	73,182	7.2	11.8	11.5	11.0	10.8	17.8	16.1	13.7	23,988
1983	74,170	6.8	11.4	11.8	11.1	10.5	17.5	16.4	14.5	24,250
1984	75,328	6.3	11.7	11.2	10,9	10.2	17.5	16.7	15.6	24,962
1985	76,576	6.3	11.5	10.9	10.6	10.1	17.4	16.7	16.5	25.387
1986	77,284	6.0	11.0	10.6	10.3	9.7	17.0	17.3	17.9	26,175
BLACK			100	1.50		(3.1)	100	1 3	1.6	7
1970	6,180	15.5	18.1	14.7	15.0	8.6	17.1	6.9	4.0	15,635
1975	7.489	14.5	21.3	14.1	11.8	10.6	15.1	8.3	4.3	15.092
1980		17.7	19.7	14.9	11.3	9.3	13.1	9.3	4.7	14,323
1001	8.961					8.7		8.9	4.2	13,634
1981		18.9	20.2	15.3	11.2		12.5			
1982	8,916	19.1	19.6	15.3	11.0	9.2	13.0	9.0	3.7	13,595
1983	9,243	19.1	19.9	14,5	11.6	8.6	12.2	9.0	5.0	13,727
1984	9,480	17.5	19.7	14.9	11.7	8.9	12.3	9.0	5.8	14,220
1985	9,797	17.3	18.6	13.9	12.3	8.6	13.0	10.1	6.2	15,104
1986	9,922	18.6	17.6	13.6	10.9	9.3	12.9	10.2	6.9	15,080
HISPANIC	1000		1000	1000	150		1.75		76.6	1
1975	2,948	9.4	15.7	16,3	13.5	11.8	18.6	9.8	4.9	18,060
1980	3,906	11,0	14.9	15.8	12.9	11.2	15.7	12.0	6.5	18,164
1981	3,980	10.2	15.9	14.7	13.2	11.6	16.4	11.8	6.2	18,445
1982	4,085	11.3	18.0	15.0	13.0	10.8	14.9	10.8	6.1	17,241
1983	4,666	11.5	17.9	14.3	12.9	11.2	14.8	11.0	6.3	17.382
1984		11.8						11.8	7.1	17,362
1907	9,003		16.4	14.2	11.8	10.8	16.0			
1985	5,213	10.7	17.5	14.6	12.1	10.8	15.4	11.3	7.7	17,801
1986	5,418	11.1	15.6	14.9	11.9	10.3	15.3	11.8	9.2	18,352

No. 691. MONEY INCOME OF HOUSEHOLDS-MEDIAN HOUSEHOLD INCOME IN CURRENT AND CONSTANT (1986) DOLLARS, BY RACE AND HISPANIC ORIGIN OF HOUSEHOLDER: 1970 TO 1986

[See headnote, table 690. Minus sign (--) indicates decrease. For definition of median, see Guide to Tabular Presentation]

YEAR		MEDIAN II CURRENT (dc			CON	MEDIAN I STANT (11 (di		ARS	MEDIAN I	PERCENT IGE OF NOOME OF IGEHOLDS
	All house-holds 1	White	Black	He- penic *	All house- holds <sup>1</sup>	White	Black	His- panic <sup>2</sup>	Current dollers	Constant dollars
1970	8,734 9,028 9,697 10,512 11,197 11,800 12,666 13,575 15,064 16,461 17,710 19,074	9,097 9,443 10,173 11,017 11,710 12,340 13,269 14,272 15,660 17,259 18,004 20,153	5,537 5,578 5,938 6,485 6,964 7,406 7,802 8,422 9,411 10,133 10,764 11,309	(NA) (NA) (NA) 7,577 8,144 8,906 8,865 9,569 10,647 11,803 13,042 13,851 15,300	24,662 24,442 25,415 25,936 24,896 24,039 24,435 24,531 25,317 24,866 23,565 22,965	25,667 25,565 26,863 27,182 26,036 25,139 25,596 25,823 26,319 26,071 24,882 24,296	15,636 15,163 16,001 15,484 15,092 15,220 15,236 15,817 15,307 14,323 13,634	(NA) 20,121 20,094 19,802 18,431 19,857 19,701 18,164 18,445	* 6.9 3.4 7.4 8.4 6.5 5.4 7.5 7.0 11.0 9.3 7.6 7.7 5.8	* 1.7 - 4.6 - 4.6 - 4.6 - 3.6 - 1.6 - 1.6 - 2.6
1903	20,171 21,018 22,415 23,619 24,897	21,117 22,036 23,647 24,908 26,175	11,988 12,473 13,471 14,819 18,080	15,178 15,794 16,992 17,465 18,352	22,913 23,131 23,661 24,072 24,897	23,869 24,250 24,962 25,367 26,175	13,595 13,727 14,220 15,104 15,660	17,241 17,382 17,937 17,801 18,352	4.2 6.6 5.4 5.4	1.

NA Not available. from 1967. I includes other races not shown separately. 

\* Hispanic persons may be of any race.

Source of tables 600 and 601: U.S. Bureau of the Census, Current Population Reports, series P-80, No. 157, and unpublished

No. 682. MONEY INCOME OF HOUSEHOLDS—PERCENT DISTRIBUTION BY MONEY INCOME LEVEL, BY SELECTED CHARACTERISTICS: 1986

[Households as of March 1987, For definition of median, see Guide to Tabular Presentation]

	Total	PER	CENT DIS	TRIBUTION	OF HOUSE	HOLDS BY	INCOME LE	VEL (in do	llars)	Madae
CHARACTERISTIC	house- holds (1,000)	Under 5,000	5,000- 9,999	10,000- 14,999	15,000- 19,999	20,000- 24,999	25,000- 34,999	35,000- 49,999	50,000 and over	Median income (dollars)
Total 1	89,479	7.4	11.7	11.0	10.4	9.6	16.5	16.6	16.8	24,897
Age of householder:	77.172	350		J. E.	100	100	100	5	-	1.5
15-24 years		15.0	16,3	17.8	13.8	11.9	14.7	7.6	3.0	15,310
25-34 years	20,502	6.1	8.2	10.0	11.9	11.7	20.7	18.8	12.7	25,898
35-44 years	18,703	4.5	6.0	7.1	8.1	9.1	18.8	22.2	24.4	32,787
45-54 years	13,211	5.1 7.7	10.2	6.9	7.2	7.7	16.2	21.3	29.8	35,660
55-64 years 65 years and over	18,998	11.2	25.0	10.3 17.5	9.1	9.6 8.7	16.5 10.6	16.6 7.4	20.1 6.3	26,778 13,845
White	77,284	6.0	11.0	10.6	10.3	9.7	17.0	170	170	1340
Plack	9,922	18.7	17.6	13.6	10.3	9.7	12.8	17.3	17.9	26,175 15,080
Black Hispanic <sup>2</sup>	5,418	11.0	15.5	14.9	11.9	10.3	15.4	11.8	9.2	18,352
Northeast	18,873	6.3	11.9	9.2	10.5	9.3	16.0	17.2	19.6	26,494
Midwest	21,973	7.2	11.7	11.0	10.5	9.8	17.6	17.0	15.1	24,851
South	30,620	9.5	12.1	12.2	10.7	9.9	15.9	15.2	14.5	22,578
West	18,014	5.4	10.8	10.9	9.6	9.3	17.0	17.4	19.6	27,001
Size of household:	1.000	he.	100	15.5	75/1	100			10.71	
One person	21,128	17.4	24.9	15.9	12.4	8.9	11.3	6.2	3.0	12,155
Two persons	28,602	4.7	9.2	12.5	12.0	10.9	17.6	16.8	16.2	25,293
Three persons	16,159	5.2	7.4	8.0	9.1	9.4	17.8	20.8	22.4	31,004
Four persons		3.2	5.3	6,3	7.3	8.9	19.6	23.2	26.2	34,658
Five persons	6,162 2,176	3.8	5.9 7.1	6.5	7.3 8.3	8.8	19.2 17.6	19.6	26.2	34,166 32,829
Six persons Seven persons or more	1,268	4.5	8.7	9.0	9.9	8.2 9.7	15.6	19.3	26.9 20.6	27,836
Marital status:	673	19	10 E	-		1			-	
Male householder	61,735	3.5	6.8	9.5	9.9	9.9	18.7	20.1	21.5	30,377
Married, wife present	48,573	1.9	5.0	8.3	9.3	9.7	19.2	22.0	24.5	32,923
Married, wife absent	1,569	10.0	14.1	13.1	12.4	11.5	15.5	13.4	9.8	20,109
Widowed	1,721	10.9	25.7	18.4	12.0	8.3	10.3	8.6	5.8	13,569
Divorced	3,887	9.1	11.3	11.5	11.4	10.5	18.0	15.3	12.9	22,967
Single (never married)	5,985	9.4	11.5	13.7	12.6	11.2	18.4	12.8	10,5	21,129
Female householder	27.744	16.2	22.5	14.5	11.6	8.9	11.8	8.4	6.3	13,827
present	2.964	2.4	6.7	7.8	8.8	8.9	20.1	19.8	25.4	32.217
Married, husband absent.	2,638	27.1	23.8	16.4	10.3	7.8	7.7	4.5	2.3	9,736
Widowed	9,570	17.8	33.3	15.7	10.5	6.9	7.5	5.1	3.1	9,784
Divorced	6,487	14.5	17.7	14.9	13.7	11.0	14.9	8.6	4.7	15,933
Single (never married)	6,086	17.4	17.8	14.4	12.9	10.4	12.8	9.1	5.2	15,151
Education attainment of householder:		120	1.4			17.7		(3)		
Elementary school	12,043	17.7	25.9	17.3	11.5	8.4	9.7	6.5	2.8	11,595
Less than 8 years	6.540	20.5	27.9	17.7	10.6	7.8	8.2	5.2	2.1	10,413
8 yearsHigh school	5,503	14.5	23.6	17.0	12.6	9.2	11.4	6.0	3.8	13,231
High school	42,991	8.1	12.9	12.6	12.0	11.0	17.6	15.7	10.2	21,875
1-3 years	10,968	12.8	20.2	15.6	12.2	10.3	12.9	10.2	5.9	15,524
4 years	32,023	6.4	10.4	11.6	11.9	11.2	19.3	17.6	11.7	24,271
College	34,445 15,456	3.1	5.3	6,B	8.0	8.4	17.6	21.0	29.8 18.6	35,460 28,644
4 years or more	18,989	1.8	8.1	9.3 4.8	10.2	9.8 7.3	15.9	22.1	39.0	41,677
Tenure:	100		7		200			0.1	0.77	
Owner occupied	57,258	4.4	8.6	8.9	9.2	9.1	17.4	19.8	22.7	30,587
Renter occupied	30,687	12.6	17.0	14.8	12.6	10.6	15.3	10.7	6.3	17,024
Occupier paid no cash	100	1000	16.7	1 - 900	1000	1000		23.	1 5 5	
rent	1,534	19.0	20.9	15.1	11.7	10.4	10.8	8.2	3.7	13,400

Includes other races not shown separately.
 \* Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, Current Population Reports, series P-80, No. 157.

NO. 683. MONEY INCOME OF HOUSEHOLDS-AGGREGATE AND MEAN INCOME, BY RACE AND HISPANIC **ORIGIN OF HOUSEHOLDER: 1985** 

[As of March 1988. See headnote, table 800. For number of households by characteristic, see table 59. For definition of mean, see Guide to Tabular Presentation]

	ALLM	CES 1	w	NTE	<b>.</b>	VCK	HISPA	MIC 2
CHARACTERISTIC	Aggregate money income (bit. dol.)	Mean income (dol.)	Aggregate money income (bil. dol.)	Mean income (dol.)	Aggregate money income (bit. dot.)	Mean income (dol.)	Aggregate money income (bit. dot.)	Mean income (dol.)
Total	2.571.1	29,006	2.317.1	30,260	189.4	18,936	118.8	21,82
Age of householder:			45	00,000	1000	10,000		,
15-24 years old	97.5	17,703	87.8	18,567	7.6	11,223	6.4	15.41
25-34 years old	569.5	27,904	506.6	29.257	48.0	19,163	33.1	20.89
35-44 years old	640.8	35,803	573.4	37,164	46.2	23,986	26.7	24.40
45-54 years old	501.9	38,316	444.6	40,438	41.6	24,728	22.2	28.09
55-64 years old	411.8	32,045	379.3	33.342	24.7	19,721	13.3	23.25
65 years old and over	349.8	18,800	325.5	19,440	19.3	11.747	8.1	14,80
Region:	1	,		1			• • •	
Northeast	578.1	31,146	530.2	32,259	37.7	20,620	19.7	18.22
Midwest	615.0	26,149	569.1	28,916	39.0	20,204	8.6	24.01
South	819.7	27,044	717.8	28,945	92.0	17.826	38.5	21.80
West	558.3	31,475	501.0	31,920	20.7	23,818	49.0	22,71
Size of household:	1	0.,		0.,000	1 20	20,0.0	10.0	
One person	338.8	15,997	303.5	16,550	30.0	11,995	9.7	12.13
Two persons		29.525	763.3	30.632	43.3	18.312	23.9	21,26
Three persons	551.8	34,300	497.8	36,001	40.1	21.347	23.1	22.42
Four persons		37,161	469.6	36,711	36.9	24.817	27.5	25.27
Five persons		36,495	198.5	38,365	22.8	25,607	15.3	24.87
Six persons	77.5	36,257	84.5	36,750	8.5	24,658	7.6	28,17
Seven persons or more	433	34.063	32.0	38,102	7.7	23.585	6.6	25.20
Education attainment of householder:	1	س.م	J 52.0	30,102	1 "	23,360	۵.0	20,20
Elementary school:	1		Ī	l		l	1	
Less than 8 years	92.2	13,938	73.1	14,470	16.0	11.612	22.2	15.24
8 yeers		17,329	98.4	17,721	7.8	13.293	7.3	17.81
High school:	<b>—</b>	17,328		17,721	/.6	13,283	/.3	17,61
1-3 years	214.9	19,418	184.0	20,379	28.0	14,750	15.2	17.78
4 yeers		26,482	747.5	27.343	64.7	19,429	32.6	23.70
College:	027.5	20,402	/4/.5	27,5-5	J 04.7	19,429	32.0	23,70
1-3 years	480.7	31,416	433.8	32,414	37.0	23.347	19.0	29.04
4 warm or more	856.8	46.349	769.3	47,175	36.0	35,141	17.4	38,27
4 years or more Occupation of longest job of householder:	800.0	40,548	/000.3	47,175	30.0	35,141		30,27
Total 3	2.164.0	34,121	1,962.8	35,244	155.1	34,116	99.2	25.40
Total * Managerial and professional specialty		47.042		47,731			19.3	37.91
Technical, sales, and administrative	803.3	47,042	744.8	47,731	34.9	36,191	19.3	37,91
		33,437	470.9	34,467	35.2	20.570		
support	516.1					23,570	19.6	27,11
Service workers	149.7	22,169	120.2	23,651	25.0	17,324	12.2	20,24
Ferming, forestry, and fishing	45.8	19,756	41.9	20,183	2.1	12,001	3.4	16,35
Precision production, crafts, and repair	349.2	32,110	320.8	32,366	20.8	27,896	18.7	25,36
Operators, fabricators, and laborers	206.7	27,314	253.3	28,015	37.1	23,037	25.3	23,08

I includes other races not shown separately. 

<sup>9</sup> Hispanic persons may be of any race.

<sup>9</sup> Includes in Armed Forces, not shown separately.

Source: U.S. Bureau of the Census, Current Population Reports, series P-60, No. 156.

No. 694. HOUSEHOLD TYPE, BY MEDIAN INCOME AND INCOME LEVEL: 1985 [Households as of March 1986. See headnote, table 690]

	100		FAMILY H	OUSEHOLDS			NONE	MILY HOL	JSEHOLDS	
	All			Male	Female		Single-	person ho	usehold	
ITEM	house- holds	Total	Married couple	house- holder, wife absent	house- holder, husband absent	Total	Total	Male house- holder	Fe- male house- holder	Multiple- person house- hold
Median income (dol.): All households White Black Hispanic 1	23,618 24,908 14,819 17,465	28,022 29,404 17,053 19,478	31,161 31,660 24,685 22,366	24,354 25,799 16,901 22,430	14,316 16,544 9,574 8,993	13,798 14,391 9,571 10,914	11,884 12,327 8,360 8,964	16,312 17,267 11,114 11,507	9,774 10,136 6,691 6,581	26,773 30,053 19,573 21,000
Number (1,000): All households Under \$5,000 \$5,000-\$9,999 \$10,000-\$14,999 \$15,000-\$19,999 \$20,000-\$24,999 \$25,000-\$49,999 \$50,000 and over	88,458 6,784 10,997 10,149 9,674 6,838 15,007 13,947 13,061	63,556 2,947 5,947 6,436 6,629 6,528 11,894 12,052 11,767	50,933 1,103 2,984 4,665 5,042 5,189 10,147 10,794 11,010	2,414 152 251 246 277 317 457 401 314	10,211 1,693 2,072 1,525 1,311 1,021 1,290 857 442	24,900 3,837 5,690 3,713 3,046 2,310 3,114 1,897 1,294	21,178 3,748 5,401 3,364 2,599 1,899 2,390 1,132 645	8,285 1,064 1,506 1,264 1,107 865 1,334 691 453	12,893 2,684 3,895 2,099 1,492 1,034 1,056 440 192	3,722 88 268 350 447 412 724 764

<sup>1</sup> Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, Current Population Reports, series P-80, No. 156.

# NO. 680. MONEY INCOME OF HOUSEHOLDS—MEAN AFTER-TAX HOUSEHOLD INCOME IN CONSTANT (1985) DOLLARS, BY SELECTED CHARACTERISTICS: 1980 TO 1985

[Households as of March of following year, Estimates of after-tax income were derived from tax simulation procedures based on a "statistical" combination of data from the Internal Revenue Service, summaries of State individual income tax regulations, data on the characteristics of persons paying FICA payroll taxes from the Social Security Administration, properly tax information from the Annual Housing Survey, and the March Current Population Survey microdata file. For additional information on methodology see source. For composition of regions, see fig. I, inside front cover]

		AFTER-	TAX HOU	<b>SEHOLD</b>	INCOME			PER	ENT CH	MGE	
CHARACTERISTIC	1980	1961	1982	1982	1984	1980	1985- 1981	1831- 1982	1902- 1902	1985- 1984	1984- 1980
All households	21,243	20,004	21,083	21,753	22,333	22,646	-20	1.9	3.1	2.7	1.4
Age of householder: Under 65 years	23,028 14,336	22,291 14,577	22,847 15,287	23,312 15,857	23,926 16,307	24,363 16,198	-3.2 1.7	1.6 4.7	2.9 3.9	2.6 2.8	1.8 7
Race and Hispanic origin: White	14,946	21,483 14,292 17,525	21,871 14,454 17,043	22,577 14,827 17,327		23,484 15,790 17,920	-2.4 -4.4 9	1.9 1.1 2.8	3.2 2.6 1.7	2.6 3.4 3.8	1.4 3.0 3
Region: Northeast Midwest South West.	21,458	20,672 20,886 19,998 21,909	21,087 20,928 20,517 22,289	22,105 21,323 21,147 22,960	21,609 21,699	23,646 21,910 21,567 24,350	-2.5 -3.6 -1.8 -2.5	2.0 1.2 2.6 1.7	4.8 1.9 3.1 3.0	3.1 1.3 2.6 3.9	3.6 1.4 6 2.1
Type of family: Married couples with children <sup>2</sup>	. 25.277	25,743 24, <b>98</b> 0 12,503	25,522	28,843 26,623 12,220	27,398	28,390 27,712 13,093	-3.9 -1.2 -3.2	1.5 2.2 -3.0	2.8 4.3	3.6 2.9 3.8	2.1 1.1 3.3

<sup>&</sup>lt;sup>3</sup> Hispanic persons may be of any race. <sup>3</sup> Related children under 18 years old. <sup>3</sup> No husband present. Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 151, and unpublished data.

No. 696. Number of Households Paying Taxes and Amount of Taxes by Type of Tax and Before-Tax Money Income: 1985

[Households as of March 1986. See headnote, table 690]

TYPE OF TAX	Unit	Total	Under 5,000	5,000- 9,999	10,000- 14,999	15,000- 19,999	20,000- 24,999	25,000- 34,999	35,000- 49,999	50,000 and over
All households	1,000	88,458	6,783	10,997	10,149	9,674	8,036	15,007	13,947	13,000
Households paying-										
One or more taxes 1	1,000	81,943	3,769	8,275	9,566	9,531	8,804	14,991	13,946	13,059
Federal income taxes	1,000	66,019	256	2,418	6,674	8,348	8,449	14,897	13,929	13,049
State income taxes			524	2,970	5,575	6,636	8,774	12,183	11,445	10,927
FICA payroll taxes	1,000	68,000	1,971	4,825	6,699	7,239	7,274	13,005	12,854	12,225
Federal retirement		1	1		1	1				
taxes	1,000		37	82	162	206	269	758	907	940
Property taxes	1,000	53,298	2,294	4,863	4,874	5,098	5,077	9,909	10,402	10,982
Taxes paid Percent of taxes paid:	Bil. dol	500.3	1.7	6.2	13.8	23.3	33.0	87.0	190.2	273.9
Federal income taxes	Percent	55.9	1.7	13.3	31.7	41.9	46.2	49.1	53.2	84.1
State income taxes			1.4	4.9	8.6	10.2	11.2	12.6	13.4	14.5
FICA payroll taxes			21.2	31.8	35.5	32.4	30.4	27.5	25.0	16.0
Federal retirement taxes	Percent		.4	.5	.8	.9	1.1	1.6	1.5	1.1
Property taxes			75.3	49.6	23.5	14.5	11.0	9.1	6.9	4.3
Average tax peid 2 Federal income taxes	Dollars	4.675	<b>439</b> 110	748 339	1,446 656	2,452 1,174	3,755 1,807	5,804 2,868	<b>8,333</b> 4,979	20,978 13,456
State income taxes	Dollars		45	102	214	360	549	903	1,521	3,642
FICA payroll taxes	Dollars		178	406	733	1,046	1,382	1,642	2,530	3,588
Federal retirement taxes		2,094	(8)	373	667	1,055	1,360	1,828	2,189	3,121
Property taxes	Dollars	811	543	658	666	665	719	801	863	1,068

B Base figure too small to meet statistical standards for reliability of derived figure.

1 Figures will not add as more than one type of tax may be reported for each household.

2 Based on households paying

Source: U.S. Bureau of the Census, Current Population Reports, series P-23, No. 151, and unpublished data.

### NO. 697. MONEY INCOME OF HOUSEHOLDS-MEAN INCOME AND INCOME PER HOUSEHOLD MEMBER BEFORE AND AFTER TAXES, BY SELECTED CHARACTERISTICS: 1985

[Households as of March 1996. See headnote, table 695]

CHARACTERISTIC	MEAN INCOME HOUSE INCOME MEM			EHOLD	Taxes as a per-		HOUSE INCO	HOLD	INCOME PER HOUSEHOLD MEMBER		Taxes as a per-
	Before taxes	After	Be- fore taxes	After taxes	cent of in- come	CHARACTERISTIC	Before taxes	After taxes	Be- fore taxes	After taxes	of in- come
All households	29,066	22,646	10,884	8,480	22.1	Region:		1500	1		30
And of boundaries		-		-		Northeast		23,648		8,896	24.1
Age of householder:						Midwest		21,910		8,171	22.2
15-24 years		14,515	7,681	6,296	18.0	South		21,567 24,350		9,044	22.6
25-29 years		20,142		7,621	21.6	West	31,4/5	24,350	11,091	9,044	22.0
30-34 years		23,075	9,738	7,507	22.9	Type of family: Family households	22 102	25,818	10 225	7,964	22.2
35-39 years		25,926		7,651	24.1	Married couple	33,102	25,610	10,235	7,804	22.0
40-44 years		28,320			24.4	families:		100	100		
45-49 years		29,506		9,130	24.6	With no children 2.	25 852	27,712	15 083	11 858	22.7
50-54 years		28,308		9,848	24.4	With children 2	36 847	28,390			23.0
55-59 years		26,176	13,525	10,244	24.3	Female	30,047	2.0,000	0,000	0,700	20.0
60-64 years		22,864			22.3	householder 3	15.264	13,093	4,526	3,882	14.2
65 years and over	18,800	16,198	10,622	9,152	13.8	Nonfamily households		14,550			21.6
Race and Hispanic	100	1	1	100		Tenure:	10,000	1,000	,		
origin:			100		100	Owner occupied	34.066	26,188	12.027	9.246	23.1
White	30,259	23,484	11,531	8,949	22.4	Renter occupied, incl.	-				1
Black		15,790	6,676	5,452	18.3	no cash rent	20,267	16,413	8,496	6,880	19.0
Hispanic 1		17,920	6,358		17.9					4,247	/ 200

Hispanic persons may be of any race.
 Related children under 18 years.
 No husband present, with related children under 18 years.

#### No. 696. HOUSEHOLDS WITH DISCRETIONARY INCOME—SELECTED INCOME MEASURES IN CONSTANT (1984) DOLLARS: 1982

[Households as of March 1983 and income figures are for the preceding year, expressed in 1984 dollars. Discretionary income is the amount of money which would permit a household to maintain a living standard comfortably higher (30% or more) than the average for similar households. For methodology, see source)

	ALL HOU	SEHOLDS	HO	USEHOLD	S WITH DI	SCRETION	IARY INCOM	ME
Single-		Aggre- gate	House	aholds		rage	Spendable discretionary income	
CHARACTERISTIC	Num- ber (1,000)	income after taxes (bil. dol.)	Num- ber (1,000)	Per- cent of all house- holds	Before taxes (dol.)	After taxes (dol.)	Aggregate income (bil. dol.)	Aver- age in- come (dol.)
Total	83,918	1,707.3	26,409	31.5	46,764	34,562	277.9	10,52
Age of householder:	1	A = 3	1000	17.7	P. VO-4.7	12.73	1000	1000
15-24 years old		79.6	1,195	21.0	32,821	25,287	7.7	6,44
25-29 years old	9,465	172.5	2,472	26.1	41,595	31,079	18.8	7,65
30-34 years old	9,639	200.6	3,355	34.8	44,289	32,534	30.3	9,02
35-39 years old	8,759	200.8	2,650	30.2	52,262	37,537	26.8	10,12
40-44 years old		181.8	2,579	35.5	54,891	39,645	29.9	11,60
45-49 years old		160.1	2,224	36.1	56,072	40,375	26.0	11.67
50-54 years old	6,200	158.9	2,336	37.7	56,279	40,395	29.2	12,47
55-59 years old	6,571	158.4	2,672	40.7	52,621	37,565	34.1	12.76
60-64 years old		132.8	2,180	33.5	47.153	34,699	25.1	11,50
65 years old and over	17,671	261.8	4.748	26.9	34,716	28,375	50.0	10.53
Race and Hispanic origin of householder:	17,07	201.0	4,740	20.0	34,710	20,010	50.0	10,50
White	73,182	1.544.0	24,697	33.7	46,935	34,667	263.3	10,66
Black		163.3	1,712	16.0	44,301	33,049	14.6	8.55
Hispanic 1		67.2	660	16.1	46,172	34,879	6.0	9,11
Size of household:	4,000	07.2	000	10.1	40,172	34,079	0.0	9,11
One person	40.000	ner	* 400	26.6	28,301	21,175	38.4	7 40
		218.5	5,122				97.3	7,49
Two persons		544.5	8,488	32.1	47,695	35,094		11,46
Three persons		341.3	4,882	33.0	51,203	37,835	52,6	10,77
Four persons		338.7	4,597	34.6	54,050	39,525	49.1	10,67
Five persons		158.1	1,956	32.0	55,921	41,439	22.3	11,42
Six persons or more	4,028	106.3	1,364	33.9	56,734	43,216	18.2	13,33
Household income:	50.723	5.50	4.17	1				1.00
Under \$15,000		213.7	828	2.8	12,589	11,607	1.3	1,56
\$15,000-\$19,999		147.0	1,012	10.2	17,640	15,312	3.5	3,48
\$20,000-\$24,999	9,148	169.1	1,571	17.2	22,795	19,109	5.6	3,59
\$25,000-\$29,999	7,964	174.8	2,288	28.7	27,564	22,384	9.4	4,10
\$30,000-\$34,999		167.5	3,007	45.5	32,630	25,678	13.3	4,41
\$35,000-\$39,999		147.7	3,235	63.3	37,500	29,090	17.6	5,44
\$40,000-\$49,999	6,854	231.3	5,479	79.9	44,806	33,997	42.8	7,81
\$50,000-\$74,999	6,556	282.7	6,356	96.9	59,378	43,312	90.0	14,15
\$75,000 and over		173.5	2,633	100.0	100,836	65,900	94.4	35.85

<sup>&</sup>lt;sup>1</sup> Hispanic persons may be of any race.

Source: U.S. Bureau of the Census and the Conference Board, A Marketer's Guide to Discretionary Income, 1986.

Source: U.S. Bureau of the Census, Current Population Reports, series P-23, No. 151, and unpublished data.

## 660. MONEY INCOME OF FAMILIES—PERCENT DISTRIBUTION BY INCOME LEVEL IN CONSTANT (1986) DOLLARS, BY RACE AND HISPANIC ORIGIN OF HOUSEHOLDER: 1970 TO 1986

s as of March of following year. Beginning with 1990, based on householder concept and restricted to primary families. For Ion of race, family, and householder, see text, section 1. Based on Current Population Survey; see text, sections 1 and 14 appendix III. For definition of median, see Guide to Tabular presentation. See also Historical Statistics, Colonial Times to series G 1-9, G 16-23, G 190-192, and G 197-199]

AND HISPANIC	Num-	PERCENT DISTRIBUTION OF FAMILIES, BY INCOME LEVEL										
PRIGIN OF BHOLDER AND YEAR	ber of fami- lies (1,000)	Under \$5,000	\$5,000- \$9,999	\$10,000- \$14,999	\$15,000- \$19,999	\$20,000- \$24,999	\$25,000- \$34,999	\$35,000- \$49,999	\$50,000 and over	Media: incom: (dol.)		
L FAMILIES	ļ					]						
***************************************	52,227	3.8	7.9	9.5	13.4	8.8	26.8	14.7	13.4	27,86		
	56,245	3.3	8.3	10.3	10.5	11.0	27.0	14.7	14.8	27,94		
	44 900	4.6 5.3	8.0 9.0	10.5	10.3 10.7	10.8	20.3 19.3	19.9 18.4	15.9 15.6	27,97 26,61		
	80.048	5.2	8.9	10.4	10.6	10.6	19.0	18.7	16.5	27.15		
	80 708	4.8	8.7	10.2	10.3	10.2	18.7	19.0	18.0	27.90		
	63,558	4.7	8.3	10.0	10.3	10.1	18.4	19.0	19.1	28,28		
	64,491	4.6	7.8	9.7	9.7	9.9	18.1	19.5	20.7	29,45		
WHITE		l								į		
	46,535	3.2	6.9	8.8	13.1	8.7	29.6	15.4	14.2	28,90		
•••••	80 740	2.8	7.2	9.8	10.3	11.0	27.9	15.3	15.8	29,06		
<b></b>	FO 407	3.5 4.2	6.7 7.6	9.8	10.1 10.7	10.9	21.0 19.9	20.9 19.3	17.0 16.9	29,14 27,94		
<del></del>	53,890	4.0	7.7	9.9	10.6	10.8	19.6	19.7	17.7	28,43		
••••••••••••••••••••••••••••••••••••••	24.400	3.8	7.5	9.8	10.1	10.4	19.4	20.0	19.3	29.22		
***************************************	E4 004	3.7	7.3	9.4	10.1	10.3	19.0	19.8	20.5	29,71		
•••••	55,676	3.5	6.7	9.0	9.7	9.9	18.8	20.6	22.1	30,80		
BLACK		ŀ				ł		ļ		i		
••••••	4,926	9.8	17.0	15.2	16.3	9.4	19.9	7.9	4.5	17,73		
<del></del>	5,586	8.8	19.0	14.9	12.5	11.8	19.4	8.3	5.3	17,88		
•••••	6,317	12.1 15.0	18.0 19.0	15.4 15.2	11.8 10.8	10.1 9.7	15.0 14.9	11.7 10.8	6.1 4.5	16,86 15,44		
***************************************	6,530 8,661	14.8	18.9	14.1	11.4	9.6	14.8	10.4	6.2	16.02		
**************************************	6,778	14.0	18.4	14.7	12.0	9.5	13.7	10.8	7.1	16.28		
***************************************	6,921	13.2	16.9	14.2	12.8	9.0	14.4	12.0	7.4	17.10		
***************************************	7,096	14.0	16.2	13.8	10.7	9.6	14.7	12.4	8.7	17,60		
IBPANIC <sup>1</sup>		ll								İ		
		6.9	14.6	16.2	13.8	12.1	22.1	9.0	5.2	19,45		
***************************************	3,235	8.3	13.7	15.8	13.3	11.9	17.0	13.2	6.9	19,58		
***************************************	3,369	8.9	16.9	15.0	13.5	11.3	15.8	11.9	6.6	16,43		
•••••	3,788 3,939	9.2 9.2	16.4 14.8	14.4	13.7 11.9	12.0	15.7 17.3	11.9 13.1	6.9 8.0	18,63 19,87		
<b>*****</b>	4,206	8.2	16.5	14.8	12.0	11.3	16.2	12.6	8.5	19.39		
	4,403	8.7	14.8	15.1	11.6	10.8	16.4	12.6	10.2	19.99		

enic persons may be of any race.

# '00. MONEY INCOME OF FAMILIES—MEDIAN FAMILY INCOME IN CURRENT AND CONSTANT (1986) DOLLARS, BY RACE AND HISPANIC ORIGIN OF HOUSEHOLDER: 1960 TO 1986

e headnote, table 699. For definition of median, see Guide to Tabular Presentation. Minus sign (-) indicates decrease)

YEAR		MEDIAN IN CURRENT I (do	DOLLARS		MEDI	AN INCOM (1986) (d	ANNUAL PERCENT CHANGE OF MEDIAN INCOME OF ALL FAMILIES			
	All tamilies 1	White	Black	His- panic <sup>2</sup>	All families 1	White	Black	Hispanic <sup>2</sup>	Current dollars	Constant
	5,620	5,835	* 3,230	(NA)	20,807	27,603	11,959	(NA)	44.9	* 2.9
	6,957	7,251	3 3,993	(NA)	24,176	25,198	13,876	(NA)	4.4	3.1
	9,867	10,236	6,279	(NA)	27,862	28,904	17,730	(NA)	7.2	2.9
****	10,285	10,672	6,440	(NA)	27,845	28,893	17,435	(NA)	4.2	.1
***************************************	11,116	11,549	6,864	8,183	29,134	30,269	17,990	21.447	8.1	4.6
	12,051	12,595	7,269	8,715	29,734	31,076	17,935	21,503	8.4	2.1
	12,902	13,408	8,006	9,540	28,687	29,812	17,801	21,211	7.1	-3.1
	13,719	14,268	8,779	9,551	27,949	29,067	17,885	19,457	6.3	-2.6
	14,958	15,537	9,242	10,259	28,811	29,926	17,801	19,760	9.0	3.1
	16,009	16,740	9,563	11,421	28,966	30,269	17,303	20,665	7.0	.5
	17,640	18,368	10,879	12,566	29,647	30,870	18,284	21,119	10.2	2.4
	19,587	20,439	11,574	14,169	29,588	30,875	17,483	21,403	11.0	2
	21,023	21,904	12,674	14,716	27,974	29,146	16,864	19,582	7.3	-5.5
	22,388	23,517	13,266	16,401	26,991	28,352	15,993	19,773	6.5	-3.5
	23,433	24,603	13,598	16,227	26,618	27,948	15,447	18,433	4.7	-1.4
	24,674	25,837	14,561	16,930	27,155	28,435	16,025	18,632	5.3	2.0
	26,433	27,686	15,432	18,833	27,903	29,226	16,290	19,879	7.1	2.8
**********	27,735	29,152	16,786	19,027	28,269	29,713	17,109	19,393	4.9	1.3
	29,458	30,809	17,604	19,995	29,458	30,809	17,604	19,995	6.2	4.2

Not available. I includes other races not shown separately. <sup>2</sup> Hispanic persons may be of any race. 1980 and 1985, Black and other races. <sup>4</sup> Change from 1955.

e: U.S. Bureau of the Census, Current Population Reports, series P-80, No. 157, and unpublished data.

se: U.S. Bureau of the Census, Current Population Reports, series P-80, No. 157, and unpublished data.

No. 701. Money Income of Families—Income and Percent of Aggregate Income at Selected POSITIONS RECEIVED BY EACH FIFTH AND TOP 5 PERCENT OF FAMILIES: 1986

[Families as of March 1987. For composition of regions, see fig. I, inside front cover. Based on Current Population Survey; see headnote, table 899. See also Historical Statistics, Colonial Times to 1970, series G 31-138]

			RACE			REG	MON		
ITEM	All families	100.10	Black a	nd other			0		
		White	Total	Black	Northeast	Midwest	South	West	
Number (1,800)	64,601	55,676	8,815	7,000	13,367	15,944	22,636	12,744	
Upper limit of each fifth: Lowest	24,020 35,015 50,370	15,200 25,452 36,309 51,780 84,627	7,680 15,000 25,000 39,882 67,295	6,792 13,400 22,700 35,780 59,000	16,020 26,508 36,200 54,451 88,324	14,498 24,500 34,671 46,080 77,053	12,223 21,500 32,280 47,500 78,850	14,806 25,424 36,580 52,906 87,104	
PERCENT DISTRIBUTION OF AGGREGATE INCOME	4.0			•					
Lowest fifth Second fifth Third fifth. Fourth fifth Highest fifth	10.8 16.8 24.0	5.0 11.2 16.9 23.8 43.1	3.4 8.8 15.5 24.9 47.4	3.4 6.8 15.6 25.2 47.0	4.9 11.2 16.9 24.0 43.1	4.9 11.5 17.4 24.1 42.0	4.3 10.2 16.4 24.0 45.1	4.8 10.9 16.8 23.9 43.5	
Top 5 percent	17.0	16.8	18.0	17.5	16.5	15.9	17.9	16.9	

Source: U.S. Bureau of the Census, Current Population Reports, series P-80, No. 157.

### No. 702. Money Income of Families—Median Family Income by Race and Hispanic Origin:

[Families as of March 1997, Based on Current Population Survey; see text, section 1, and Appendix III. For composition of regions, see fig. I, inside front cover. For definition of median, see Guide to Tabular Presentations]

		NUMBER	(1,000)		MEDIA	DIAN FAMILY INCOME (dollars)			
CHARACTERISTIC	All fami- lies	White	Black	His- panic <sup>1</sup>	All families	White	Black	His- penic <sup>1</sup>	
All families	84,491	55,676	7,006	4,403	29,458	29,066	17,804	19,986	
Region: Northeast Michwest South West	13,367 15,844 22,536 12,744	11,873 14,280 18,405 11,137	1,223 1,370 3,871 632	864 274 1,430 1,835	32,160 29,584 26,708 30,965	33,348 30,511 29,141 31,378	20,902 17,360 16,236 22,149	17,153 21,710 18,949 21,228	
Type of family: Married-couple families. Wife in paid labor force Wife not in paid labor force Male householder, no wife present Female householder, no husband present	28,498 23,038 2,510	46,410 25,202 21,208 2,038 7,227	3,742 2,448 1,295 386 2,967	3,118 1,584 1,535 253 1,032	32,805 38,346 25,603 24,962 13,847	33,426 38,972 26,421 26,247 15,716	26,583 31,948 16,766 16,731 9,300	23,912 30,206 17,507 20,894 9,432	
Number of earners: <sup>3</sup> Total No earners One earner Two earners Three earners Four or more earners	9,391 17,945 27,228 6,408	54,979 7,820 15,175 24,015 5,631 2,338	6,945 1,401 2,276 2,440 805 223	4,363 590 1,454 1,713 416 190	29,515 12,506 22,310 35,106 44,308 55,655	30,869 14,252 24,026 35,848 45,251 57,037	17,328 5,788 13,116 27,694 36,029 43,345	19,994 6,311 14,362 26,376 33,111 40,166	

Source: U.S. Bureau of the Census, Current Population Reports, series P-80, No. 157.

Hepanic persons may be of any race.
 Excludes families with members who are in the Armed Forces.

NO. 703. MONEY INCOME OF FAMILIES—PERCENT DISTRIBUTION BY INCOME LEVEL, BY RACE AND HISPANIC ORIGIN OF HOUSEHOLDER, AND SELECTED CHARACTERISTICS: 1985

[Families as of March 1996. See headnote, table 699. For definitions, see text, section 1. For definition of median, see Guide to Tabular Presentation. See Historical Statistics, Colonial Times to 1970, series G1-8 for U.S. data on total, White, Black and other races]

	Num- ber of	<b>L</b>		PERCENT D	STRIBUTIO	N OF FAMIL	JES, BY INC	OME LEVE	L <del></del>		Medi
RACE OF HOUSEHOLDER, REGION, AND EDUCATION	fami- lies (1,000)	Under \$5,000	\$5,000- \$9,999	\$10,000- \$14,999	\$15,000- \$19,999	\$20,000- \$24,999	\$25,000- \$29,999	\$30,000- \$39,999	\$40,000- \$49,999	\$50,000 and over	in- come (dol.)
All families 1	63,556	4.9	8.5	10.2	18.5	10.3	9.7	18.5	11.2	10.2	27,73
White, total	54.901	3.7	7.5	9.7	10.3	10.4	10.1	17.0	11.7	19.6	20,15
Northeest		3.3	8.6	8.7	9.1	9.5	9.7	17.2	13.4	22.7	31.49
Midwest	14.200	4.1	6.9	9.2	10.1	10.7	10.9	18.8	11.6	17.6	31,49 28,96
South	18.211	4.0	8.3	11.1	11.3	10.9	9.8	15.7	10.7	18.2	27.10
West Householder	10,697	3.2	7.8	9.2	9.8	10.2	9.6	16.7	12.2	21.6	27,10 30,23
completed 2— Elementary school:		l	l			1					1
Less than 8 years	3.371	8.5	23.1	21.4	15.7	9.4	7.5	7.5	4.3		L
		5.8	14.5	19.1	14.5	12.4	9.3	12.7	8.7	2.0	14.19
8 years High school:	3,294	5.6	14.5	19.1	14.5	12.4	9.3	12.7	0.7	5.1	18,480
1-3 years	6.031	5.8	11.9	15.9	15.0	12.8	10.3	12.6	8.2	7.5	20,511
4 years		3.2	6.4	9.0	11.1	11.5	11.9	20.4	12.5	14.0	28.60
College: 1-3 years		1.7	4.0	5.8	8.2	10.5	11.5	21.0	15.3	ı	33,39
4 years or more		l ``.`a	1.3	3.0	4.1	6.0	6.8	16.7	15.3	46.0	47,110
Black, total	6,921	13.5	17.1	14.8	13.0	9.0	9.6	11.9	0.3	7.9	16,73
Northeast	1,252	12.0	16.7	12.0	14.9	8.3	5.4	12.9	7.4		16,08
Midweet	1,366	18.0	19.1	12.5	11.0	7.9	7.1	10.6	6.7	9.1	15,95
South	3,710	13.9	17.4	16.4	13.3	9.6	8.3	11.6	5.0		15,81
West Householder completed <sup>2</sup> —	501	8.5	12.4	10.1	11.3	8.9	12.9	14.5	11.6	9.8	24,45
Elementary school:		1			ŀ		1	1	l	1	ı
Lees than 8 years	820	11.6	31.6	21.7	13.6	5.8	4.8	6.5	2.8		11,19
8 years High school:		13.9	25.4	19.9	16.1	8.0	7.4	4.6	2.5	l	12,01
1-3 years		16.8	22.3	15.3	14.5	8.0	8.5	9.3	4.6		13,44
4 yearsCollege:	2,336	11.6	13.7	14.9	13.3	10.6	9.1	14.6	7.1	5.2	18,57
1-3 years	1.073	9.1	11.3	10.4	12.6	9.7	13.0	15.5	8.4	102	22,93
4 years or more	631	.8	3.2	3.9	11.1	11.2	6.5	19.6	15.0	26.6	36,17
Hispanic, <sup>3</sup> total	4,206	1.3	17.0	14.8	12.1	11.3	8.3	11.9	7.1		19,02
Northeast		14.4	23.8	10.9	11.7	10.5	6.2	7.7	8.1	8.5	15,30
Midwest	291	8.8	12.8	11.4	11.8	13.5	10.4	13.0	9.7	9.0	22,30
South	1,376	7.9	18.0	16.4	11.3	11.9	8.3	13.8	6.8		19,13
West Householder completed 2—	1,737	5.8	15.3	18.0	13.0	10.8	11.6	12.3	7.4	7.7	19,99
Elementary school:		l	l	I	1	l .	i	1	I		I
Less than 8 years	1,124	9.7	23.6	21.7	14.4	10.2	8.3	6.6	3.3	22	13,63
6 years	319	10.3	23.0	14.8	8.4	11.0	9.7	12.6	6.3	3.7	
High school		l ''	20.1	'5	3.4	1	1 3.7	1 .2.0	3.3	J	1.0,02
1-3 years	610	10.1	17.8	17.1	12.9	14.7	8.9	9.7	4.1	1 44	16,58
4 years		4.6	11.1	12.8	13.4	11.8	11.6	14.7	10.1		23,16
College:	1	J 7.0	''	12.0	13.4	11.8	1	1	10.1	10.0	Γ~.''
1-3 years	457	3.8	7.5	5.4	10.8	12.5	10.7	23.4	12.1	142	29,73
	319	ق ا	4.7	4.1	8.9		8.5	18.5	17.3		39,76

Source: U.S. Bureau of the Census, Current Population Reports, series P-60, No. 156.

#### No. 704. MONEY INCOME OF FAMILIES-TYPE OF FAMILY, BY INCOME LEVEL: 1985

(in thousands, except dollars. Families as of March 1998. Based on Current Population Survey; see headnote, table 699. For definition of median, see Guide to Tabular Presentation)

	Num-				INCOL	ME LEVEL				
TYPE OF FAMILY	ber of fami- lies	Under \$5,000	\$5,000- \$9,999	\$10,000- \$14,999	\$15,000- \$19,999	\$20,000- \$24,999	\$25,000- \$34,999	\$35,000- \$49,999	\$50,000 and over	Median income (dol.)
All families	63,558	3,080	5,429	6,406	6,671	6,534	11,612	11,940	11,618	27,736
Married-couple families.  Wife in paid labor force.  Wife employed.  Wife unemployed.  Wife not in paid labor force.  Alate householder, no wife	27,489 26,021 1,467	1,110 335 274 61 774	3,014 704 555 148 2,310	4,673 1,364 1,187 197 3,289	5,052 2,067 1,852 215 2,965	5,194 2,821 2,417 204 2,573	10,144 5,804 5,552 252 4,338	10,791 7,084 6,834 249 3,708	10,955 7,490 7,347 142 3,465	31,100 36,431 37,092 22,669 24,658
Present Female householder, no husband present	2,414 10,211	173 1,777	259 2,155	278 1,542	321 1,295	306 1,034	416 1,253	394 756	267 308	22, <b>62</b> 2 1 <b>3,66</b> 0

Source: U.S. Bureau of the Census, Current Population Reports, series P-80, No. 166.

<sup>\*</sup> Includes other races not shown separately. \*\* Restricted to families with householder 25 years old and over. \*\* Hispanic persons may be of any race.

# No. 705. MEDIAN MONEY INCOME OF FAMILIES AND UNRELATED INDIVIDUALS, IN CURRENT AND CONSTANT (1985) DOLLARS: 1960 TO 1985

[See headnote, table 699. Unrelated individuals are persons not living with any relatives. See text, sections 1 and 14. For definition of median, see Guide to Tabular Presentation. See also Historical Statistics, Colonial Times to 1970, series G 179–186]

ITEM	1980	1980	1970	1975	1980	1961	1902	1982	1984	1980
CURRENT DOLLARS					1					
Families: 1			ł	i	1			ĺ	l	ļ
Married-couple families		7,330		14,867				27,286		31,100
Wife in paid labor force	6,900 5,520	8,633 6,706	12,276 9,304	17,237 12,752	26,879 18,972			32,107 21,890	34,886 23,582	36,431 24,568
Male householder, no wife present	4.880	6.515	9.012	12,752					23,325	22,622
Female householder, no husband present	2.998	3.535	5.093	6.844					12.803	13,860
Unrelated individuals:	1	1					l '			
Male	2,480	3,194	4,540	6,612	10,939		12,470	12,888	13,566	14,921
Female	1,377	2,267	2,483	3,978	6,868	7,370	8,058	8,863	9,501	9,885
CONSTANT (1985) DOLLARS	1		1	I		1		1		Ì
Families: 1	l	l	l			l		1		l
Married-couple families	21,333	24,992	29,134		30,211				30,886	31,100
Wife in paid labor force	25,084	29,434						34,806	36,905	36,431
Wife not in paid labor force	20,051		25,778 24,967	25,486 25,974	24,766 22,871		23,738 22,448	23, <b>636</b> 23,587	24,423 24,157	24,566 22,622
Female householder, no husband present			14,110	13,660	13,566		12,799		13.280	13.660
Unrelated individuals.	10,70	12,000	1-4,110	10,000	10,500	12,500		12,720	.0,200	1.0,000
Male	9,009			13,216	14,261		13,898		14,050	14,921
Female	5,002	7,729	6,879	7,951	8,705	6,717	8,961	9,570	9,940	9,885
	ı	1		1		1	ı	ı	ı	1

<sup>&</sup>lt;sup>1</sup> Beginning 1900, based on household concept. Restricted to primary families, see source.

Source: U.S. Bureau of the Census, Current Population Reports, series P-60, No. 156, and earlier issues.

#### No. 708. MARRIED-COUPLE FAMILIES WITH EARNINGS, BY WORK EXPERIENCE IN 1983 OF HUSBANDS AND WIVES

[As of March 1984]

		NI.	MBER (1,0	00)			MEAN	EARNINGS	(dol.)	
		Wife	worked in	1980	Wile		Wife	worked in	1983	Wife
WORK EXPERIENCE OF HUSBAND	Total	Total	Worked at full- time jobs	Worked at part- time jobs	did not work in 1980	Total	Total	Worked at full- time jobs	Worked at part- time jobs	did not work in 1983
Total	37,042 2,843	28,708 26,408 24,879 1,530 2,298	19,183 17,699 16,766 923 1,494	9,523 6,719 8,112 607 803	13,477 13,477 12,183 1,313 (x)		30,614 32,406 33,366 18,029 9,296	32,495 34,206 34,963 20,438 12,242	26,824 26,944 30,035 14,367 3,616	24,229 24,229 26,079 7,100 (x)

X Not applicable.

Source: U.S. Bureau of the Census, Current Population Reports, series P-60, No. 153.

# No. 707. PER CAPITA MONEY INCOME IN CURRENT AND CONSTANT (1986) DOLLARS, BY RACE AND HISPANIC ORIGIN: 1970 TO 1986

[In dollars]

		CURRENT	T DOLLARS			ONSTANT (1	1986) DOLL	VR8
YEAR	All races	White	Black	Hispanic <sup>1</sup>	All races	White	Black	Hispanic <sup>1</sup>
1970	3,177	3,354	1,860	(NA)	8,971	9,471	5,278	نسه
1971	3,417	3,596	2.062	ina)	9,251	9,736	5,583	
1972	3,789	3,966	2,300	l max	9,878	10,400	6,026	
1973	4.141	4,361	2,521	(NA) 2,454	10,217	10,760	6,220	عققه ا
1974	4,445	4,677	2,718	2,738	9,883	10,309	6,043	4,000 4,000 4,000
1975	4,818	5,072	2,972	2.647	9,815	10,333	8,055	5,800 6,123 6,402
1976	5,271	5,556	3.286	3,179	10,152	10,701	6,329	0.123
1977	5,785	6,100	3,574	3,538	10,467	11,037	6,467	6,402
1978	6,455	6,797	4,034	3,981	10,849	11,423	6,760	6,857 6,886
1979	7,166	7,574	4,444	4,432	10,828	11,441	6,713	6,006
1960	7,787	8,233	4,604	4,886	10,362	10,955	6,392	6,474
1961	8.476	8,979	5,129	5,349	10,218	10,825	6,183	6,440
1952	8,980	9.527	5,360	5,448	10,201	10.822	6,000	6,196
1983	9,848	10,125	5,755	5,852	10,508	11,143	6.334	6,440
1994	10,326	10,939	6,277	6,401	10,902	11,547	6,626	6,757
1985	11,013	11,671	6,840	6,813	11,225	11,886	6,972	6,740
1996	11,670	12,352	7,207	7,000	11,670	12,362	7,207	7,000

NA Not available.

<sup>&</sup>lt;sup>3</sup> Hispanic persons may be of any race.

706. PER CAPITA MONEY INCOME, 1969 TO 1965, AND MEDIAN FAMILY INCOME, 1969 AND 1979, BY STATE

irs. For definition of median, see Guide to Tabular Presentation. See also Historical Statistics, Colonial Times to 1970, series G 205-256 and Appendix III]

STATE	PER	CAPITA IN	COME		FAMILY OME	STATE	PER C	APITA IN	COME		FAMILY OME
	1969	1979	1985	1969	1979		1969	1979	1985	1969	1979
ted States	3,119	7,298	10,798	9,586	19,917	Mississippi	1,925	5,182	7,483	6,068	14,591
1	2.317	5.892	8,681	7.263	16,347	Missouri Montana	2,952	6,915	10,283	8,908 8,509	18,784
-	0 705	10,193	13,650	12,441	28,395	Nebraska		6,934	10.546	8,562	19,122
	0.007	7.042	10,561	9,185	19,017	Nevada	3,554	8,453	11,200	10.687	21,311
S	300	5,613	8,389	6.271	14,641	New Hampshire	2.985	6,966	11.659	9,682	19,723
		8,294	11,885	10,729	21,537	New Jersey	3.674	8,127	13,129	11,403	22,906
<b>a</b>		7,998	11,713	9,552	21,279	22.22/		-,,			,
2	3,100	7,890	11,713	9,002	21,279	New Mexico	2.437	6,120	8,814	7.845	16,928
Small	3.885	8.511	14.090	11 000	23,149	New York	3,608	7,496	11,765	10,609	20,180
icut				11,808		North Carolina	2,474	6,132	9,517	7,770	16,792
6 Cabonhin	3,265	7,449	11,375	10,209	20,817	North Dakota	2,469	6,417	9,635	7,836	18,023
of Columbia	3,842	8,959	13,530	9,576	19,099	Ohio	3,199	7,284	10,371	10,309	20,909
		7,260	11,271	8,261	17,280	Oklahoma	2,694	6,854	9,754	7,720	17,668
		6,380	10,191	8,165	17,414	The second second			100	625	3-73
	3,373	7,740	11,003	11,552	22,750	Oregon	3,148	7,556	9,925	9,487	20,027
	673	100	1000	A 750	E2-11	Pennsylvania	3,066	7,075	10,288	9,554	19,995
monistrossmonos	2,644	6,248	8,567	8,380	17,492	Rhode Island	3,121	6,897	10,892	9,733	19,448
	3,495	8,064	11,302	10,957	22,746	South Carolina	2,303	5,884	8,890	7,620	16,978
	3,070	7,141	9,978	9,966	20,535	South Dakota		5,696	8,553	7,490	15,993
	2.884	7.136	10.096	9,016	20.052	Tennessee	2,464	6,212	9,290	7,446	16,564
***************************************	2,929	7,349	10.684	8,690	19,707	Texas	2,792	7,203	10,373	8,486	19,618
Y	2,425	5,973	8,614	7,439	16,444	V. 5	22.2		YELD	TELES.	12.00
8	2,330	6,425	8,836	7,527	18,088	Utah	2,697	6,305	8,535	9,320	20,024
	2,000	0,420	0,000	1,00	10,000	Vermont	2,772	6,177	9,619	8,928	17,205
***************************************	2,548	5,766	9.042	8,205	16,167	Virginia	2,996	7,475	11,894	9,044	20,018
1	3,512	8,293	12,967	11,057	23,112	Washington	3,357	8,073	10,866	10,404	21,696
nusetts	3,408	7,457	12,510	10.833		West Virginia	2,333	6,142	8,141	7,414	17,308
2-12-1-12-1	3,408	7,688			21,166	Wisconsin	3,032	7,241	10,298	10,065	20,915
International			10,902	11,029	22,107	Wyoming	2,895	7,927	9,782	8,944	22,430
ta	3,038	7,450	11,186	9,928	21,185			10.75			

e: U.S. Bureau of the Census, Census of Population: 1970, vol. : 1980 Census of Population, vol. 1, chapter C (PC 80-1-Current Population Reports, series P-26, forthcoming reports.

#### No. 709. PER CAPITA MONEY INCOME FOR 50 LARGEST CITIES: 1979 AND 1985

RANKED BY POPULATION- SIZE, 1986	1979	1985	Percent change, 1979- 1985	CITIES RANKED BY POPULATION- SIZE, 1986	1979	1985	Percent change 1979- 1985
rk	7.271	11,188	53.9	Seattle	9,282	12,919	39.2
eles	8,415	12.084	43.6	Nashville-Davidson	7,276	11,253	54.7
NIOS.	6.933	9.642	39.1	Austin	7,368	11,633	57.9
	8.817	12,115	37.4	Oklahoma City	7,998	11,527	44.1
ntia	6.053	8.807	45.5	Kansas City	7,480	11,153	49.1
phia	6,215	8,852	42.4	Fort Worth	7.336	10,515	43.3
***************************************	8,016	11.766	46.8	St. Louis	5.877	8,799	49.7
90				Atlanta	6,539	10.341	58.1
	8,610	12,816	48.9	Long Beach	8.342	11,729	40.€
onio	5,758	8,499	47.6	Portland	8,123	10,770	32.6
Photo	7,552	11,363	50.5	Pittsburgh	6.845	9,998	46.1
	7,912	11,434	44.5	Miami	6.084	8,904	46.4
0,	5,877	8,647	47.1	Tulsa	8.842	12,670	43.3
ncisco	9,265	13,575	46.5	Cincinnati	6.874	10,247	49.1
olis	7,585	10,836	42.9	Albuquerque	7,440	11,133	49.6
0,	8,382	12,583	50.1	Tucson	6.551	9,430	43.9
S	6,466	9,362	44.8	Oakland	7.701	10.911	41.7
iton	8,959	13,530	51.0	Minneapolis	7.940	12,302	54.9
ville	6,767	10,466	54.7	Charlotte	7,952	12.259	54.2
00	7,029	9,765	38.9	Omaha	7.714	12.886	67.0
******************************	6,555	10,774	64.4	Toledo	7.050	10.050	42.6
15	6,783	9,909	46.1	Virgina Beach	7,704	12.039	56.3
eans	6,463	8,975	38.9	Buffalo	5,929	8,840	49.1
id	5,770	8,018	39.0	Sacramento	7,558	10,627	40.6
***************************************	8,553	12,490	46.0	Newark	4,525	6,494	43.5
******************************	5,439	7,670	41.0		1		7-11

are for Honolulu County.

e: U.S. Bureau of the Census, 1980 Census of Population, vol. 1, chapter C (PC 80-1-C) and Current Population Reports, -26, forthcoming reports.

NO. 710. MONEY INCOME OF PERSONS—PERCENT DISTRIBUTION BY INCOME LEVEL, MEDIAN, AND MEAN INCOME, BY SEX, 1970 TO 1985, AND BY AGE, RACE, HISPANIC ORIGIN, AND REGION, 1985

[As of Merch of following year, For 1970 and 1975, persons 14 years old and over; thereafter, 15 years old and over. Based on Current Population Survey; see headnote, table 609. For definitions of median and mean, see Guide to Tabular Presentation. See Historical Statistics, Colonial Times to 1970, series G 257-268, for percent distribution by income level, and median income)

			,			PERSO	NS WITH	INCOME				
SEX, YEAR, AGE,	All Der-			Perc	ent distrit	outlion by	income (l	n dollers)	level—		Medi-	Man
RACE, HISPANIC ORIGIN, AND REGION	sons (mil.)	Total (mil.)	1 to 1,999 or less <sup>1</sup>	2,000- 3,999	4,000- 5,999	6,000- 7,999	8,000- 9,999	10,000- 14,999	15,000- 24,999	25,000 and over	in- come (dol.)	in- com (dol.
MALE											1	
1970	70.6	65.0	18.8	13.7	12.9	14.7	13.2	17.7	6.8	2.3	6,670	7,53
975	77.6	71.2	12.9	12.0	10.8	10.0	9.6	21.7	17.5	5.4	8,863	10,42
900 981	82.9 64.0	78.7 79.7	9.1 8.9	8.0 7.6	8.2 7.8	7.8 7.5	6.8 8.6	17.1 15.8	25.5 24.5	17.5 21.4	12,530	15,34 16,51
962	85.0	79.7	9.1	7.0	7.3	7.2	6.1	16.0	23.6	23.6	13.950	17.3
963	86.1	80.9	9.0	6.9	6.9	7.0	5.9	15.2	23.2	25.8	14,631	18.10
964		82.2	8.1	6.5	8.8	6.7	5.6	14.6	22.4	29.2	15.600	19.4
1980	88.5	83.6	7.5	5.9	0.3	- 6.4	5.9	14.8	22.3	31.4	16,311	20,0
5–19 years old	9.2	6.2	52.8	21.3	11.0		0.5	3.8	1.5	.1	1,890	2,9
3-24 years old	9.8	9.2	10.5	13.3	11.3		).4	20.8	16.2	5.5	8,629	10,2
5-34 years old	21.0	20.5	3.3	3.6	3.9		0.0	16.8	30.4	32.3	18,862	20,7
5-44 years old	16.0	15.7	2.7 3.3	2.7 2.7	3.2 2.5		1.3 7.2	10.2	23.9	51.0 52.2	25,358 25,845	28,4 29.7
5–64 years old 5–64 years old	11.0 10.4	10.8 10.1	3.9	3.4	5.5		).6	9.9 13.4	22.3 22.8	40.1	20,257	25.3
5 yr. old and over	11.3	11.2	1.9	5.5	12.4		).8 5.8	22.3	19.1	13.1	10.900	14,9
Thite		73.2	7.1	5.5	5.9		1.7	14.3	22.3	33.5	17,111	21,5
leck	9.3	8.1	11.2	9.9	10.2		5.9	16.5	22.2	14.3	10,786	13.3
lepenic *	6.2	5.5	8.0	8.4	8.8		3.8	17.9	21.4	18.8	11,434	14,4
ortheast	18.6	17.6	6.9	5.2	5.8	11	1.2	13.9	23.3	33.7	17,581	21,9
lidwest	21.8	20.8	9.0	6.4	6.4		1.3	13.3	22.9	30.9	16,377	19,8
outh	30.0	26.2	7.3	6.7	7.1		2.9	16.2	21.5	26.3	14,935	19,5
/est	18.1	17.1	6.9	4.8	5.3	13	3.0	13.7	21.4	34.7	17,300	22,0
FEMALE										_		
970	77.6	51.6	46.7	22.1	15.7	8.6	3.8	2.5	.4	.2	2,237	3,1
975 9 <b>6</b> 0	85.0 91.1	60.8 60.8	31.9 24.8	24.0 18.6	15.4 13.3	11.2	7.3 7.9	7.9 14.2	2.2 9.0	1.9	3,385 4,920	4,5 6.7
81	92.2	62.1	22.8	17.2	13.4	10.0	7.9	15.0	10.9	2.7	5.458	7.4
962	93.1	82.5	21.7	15.9	13.1	9.9	7.8	15.1	12.7	3.9	5.887	l ái
202	94.3	83.8	20.7	14.7	12.9	9.6	7.4	15.4	14.0	5.2	6.319	8.7
964	95.3	85.6	19.2	13.6	12.6	9.8	7.4	15.0	15.6	6.6	8,863	9.5
1983	96.4	88.5	18.3	13.2	12.2	9.7	7.4	15.9	16.2	0.2	7,217	10,1
5-19 years old	9.1	5.8	55.7	22.4	10.4		3.0	2.7	.a	.,	1.796	25
0-24 years old	10.2	9.2	18.1	17.2	13.8		5.7 5.7	19.3	9.7	1.2	6,155	7,4
5-34 years old		19.3	17.9	9.0	8.6	14	1.9	17.4	22.6	9.6	9,879	11,5
5-44 yeers old		15.3	18.2	8.0	8.0		1.8	15.4	22.0	13.6	10,275	12,7
5-64 years old	11.7	10.6	19.1	10.0	8.0		1.2	18.4	20.5	12.1	9,619	11,0
5-64 years old	11.7	10.6	19.6	14.2	10.9		5.9	14.6	15.9	9.0	7,173	10,4
5 yr. old and over	18.1	15.8	4.0	18.9	24.0		B.O	12.7	9.3	5.1	6,313	8,9
/hite		74.6	18.6	12.4	11.8		7.1	15.1	18.3	8.3	7,357	10,3
leck	11.3	9.8	13.5	19.4	15.4		7.4	13.7	14.3	6.0	6,277	9,0
lepenic <sup>2</sup>		4.8	19.8	15.3	14.9		9.5	13.7	12.9	4.1	6,020	8,1
ortheest		19.0	17.1	12.1	12.9		7.4	15.0	16.6	8.9	7,543	10,6
ldwest	23.7	21.7	19.8	13.2	12.5		3.6	15.0	15.6	7.2	6,853	9,6
outh	33.0	29.1	18.5	15.1	12.3		3.9	14.9	14.9	7.2	6,796	9,6
/est	18.7	16.8	17.5	11.0	10.7	j 17	7.5	14.8	18.3	10.4	8,115	11,2

<sup>&</sup>lt;sup>1</sup> Includes persons with income deficit. <sup>2</sup> Hispanic persons may be of any race. Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 166.

# No. 711. MEDIAN MONEY INCOME OF YEAR-ROUND FULL-TIME WORKERS WITH INCOME, BY SEX AND AGE: 1970 TO 1986

[Age as of Merch of following year. Refers to civilian workers. For definition of median, see Guide to Tabular Presentation]

			FEMALE					MALE		
AGE	1970	1980	1984	1986	1980	1970	1980	1984	1985	1005
Total with income	1 85,440	\$11,501	\$15,422	\$16,252	\$16,843	1 90,184	\$19,173	\$24,004	\$24,900	\$25,894
15-19 years old	4,928 5,923 5,531 5,588 5,408	6,779 9,407 12,190 12,239 12,116 11,931 12,342	8,509 11,435 15,896 17,137 15,745 15,865 15,230	8,372 11,757 16,740 18,032 17,009 16,761 18,336	8,333 12,192 17,087 18,810 18,067 18,863 17,180	2 3,950 6,655 9,128 10,258 9,931 9,071 6,754	7,753 12,109 17,724 21,777 22,323 21,053 17,307	8,863 13,043 21,607 27,610 28,545 27,173 28,450	9,050 13,827 22,321 28,966 29,660 26,367 26,146	9,730 14,132 22,662 30,186 31,667 28,110 27,366

<sup>1 14</sup> years old and over. 1 14 to 19 years old.

Source: U.S. Bureau of the Census, Current Population Reports, series P-60, No. 157, and earlier issues.

## NO. 712. PERSONS, FAMILIES, AND CHILDREN BELOW POVERTY LEVEL—NUMBER AND PERCENT, BY STATE: 1979

[Persons, families, and related children as of April of the following year. For explanation of poverty level, see text, section 14. Excludes unrelated individuals under 15 years of age, and persons in specified types of group quarters, i.e. immates of institutions and persons living in military group quarters or in college dormitories. Poverty criteria computed on a national basis only and not adjusted for regional, State, or other local variations in cost of living. For details, see source]

REGION AND	PERSO	ONS	FAMIL	IES	CHILDR		REGION AND	PERSO	ONS	FAMIL	IES	RELAT	
STATE	Num- ber (1,000)	Per- cent	Num- ber (1,000)	Per- cent	Num- ber (1,000)	Per- cent	STATE	Num- ber (1,000)	Per- cent	Num- ber (1,000)	Per- cent	Num- ber (1,000)	Per- cent
U.S	27,393	12.4	5,670	9.6	10,026	16.0	South-						
Northeast	5,343	11.2	1,111	8.7	1,992	15.5	Con.	No.	T. Laborat		0.4	100	100
ME	141	13.0	29	9.8	50	15.8	VA	611	11.8	129	9.2	216	14.5
NH	75	8.5	15	6.1	24	9.4	WV		15.0	62	11.7	102	18.5
VT	59	12.1	11	8.9	20	13.9	NC	840	14.8	183	11.6	299	18.3
MA	532	9.6	110	7.6	193	13.1	SC	500	16.6	106	13.1	195	21.0
RI		10.3	19	7.7	33	13.6	GA	884	16.6	189	13.2	342	21.
CT	243	8.0	. 51	6.2	93	11.4	FL	1,287	13.5	268 144	9.9	427 230	18.5
NY	2.299	13.4	483	10.8	877	19.0	KY	626 736	16.5	164	13.1	263	20.0
NJ	689	9.5	148	7.6	278	14.1	TN	720	18.9	154	14.8	271	23.0
PA	1,210	10.5	245	7.8	426	13.9	MS		23.9	121	18.7	244	30.
Midwest	6,010	10.5	1,230	8.0	2,170	13.0	AR	424	19.0	94	14.9	154	23.4
OH	1,089	10.3	228	8.0	401	13.2	LA		18.6	163	15.1	307	23.
IN		9.7	107	7.3	189	11.9	OK	394	13.4	86	10.3	132	15.
11	1,231	11.0	247	8.4	478	14.9	TX	2,036	14.7	412	11.1	791	18.
MI	946	10.4	198	8.2	361	13.3	West	4,755	11.3	939	8.5	1,683	14.3
WI	398	8.7	77	6.3	139	10.4	MT	94	12.3	19	9.2	32	13.
MN	375	9.5	73	7.0	118	10.2	ID	117	12.6	24	9.6 5.8	43	14.
IA	286	10.1	58	7.5	94	11.5	WY		7.9	7 55	7.4	91	11.
MO	582	12.2	120	9.1	196	14.6	NM		17.6	47	14.0	91	22
ND	79	12.6	16	9.8	27	14.3	AZ	351	13.2	68	9.5	128	16.
SD	113	16.9	23	13.1	41	20.0	UT		10.3	27	7.7	57	10.
NE	163	10.7	33	8.0	53	12.1	NV		8.7	13	6.3	21	10.
KS	232	10.1	47	7.4	73	11.4	WA	396	9.8	78	7.2	128	11.
South	11,285	15.4	2,390	11.9	4,180	19.6	OR	274	10.7	54	7.7	85	12.
DE	68	11.9	14	8.9	25	15.6	CA	2,627	11.4	521	8.7	947	15.
MD	405	9.8	82	7.5	143	12.5	AK	42	10.7	8	8.6	15	12.
DC	113	18.6	21	15.1	38	27.0	HI	92	9.9	18	7.8	35	13.

<sup>&</sup>lt;sup>1</sup> Under 18 years.

Source: U.S. Bureau of the Ceneus, 1980 Census of Population, vol. 1, chapter C (PC80-1-C).

# No. 713. Persons Below Poverty Level and Below 125 Percent of Poverty Level: 1959 to 1966

[Persons as of March of the following year. For explanation of poverty level, see text, section 14]

	NUMBER	(mi		Y LEVEL	PERCEN	r BELOW	POVERT	Y LEVEL	PERC POV	LOW 25 ENT OF ERTY VEL	AVEI INC: CUTOF NON- FAMILY	OME F8 FOR FARM
YEAR	All races 1	White	Black	His- panic *	All races 1	White	Black	His- penic *	Num- ber (mil.)	Per- cent of total popu- lation	At pov- erty level	At 125 per- cent of pov- erty level
1959 1980 1985 1965	39.5 39.9 28.5 24.1	28.5 28.3 20.8 16.7	9.9 (NA) 8.9 7.1	3333	22.4 22.2 14.7 12.1	18.1 17.8 12.2 9.5	55.1 (NA) 41.8 32.2	3333	54.9 54.6 41.3 34.7	31.1 30.4 21.3 17.4	\$2,973 3,022 3,317 3,743	\$3,716 3,778 4,148 4,679
1970	25.4 25.9 25.0 24.7 24.5	17.5 17.8 16.7 16.4 18.3 16.8	7.5 7.5 7.6 7.7 7.6 7.8	(NA) 3.0 2.8 2.7 2.6 2.9	12.6 12.3 11.8 11.8 11.4	9.9 9.7 9.1 8.9 8.7 6.9	33.5 31.3 31.1 31.3 30.6 30.9	(NA) 26.9 24.7 22.4 21.6 21.6	35.6 37.2 35.5 35.7 34.2 35.6	17.6 17.6 16.7 16.7 15.8 16.3	3,968 5,500 5,815 6,191 6,882 7,412	4,960 6,875 7,269 7,739 6,328 9,265
1979 *	28.1 29.3 31.8	17.2 19.7 21.6 23.5 24.0 23.0	8.1 8.6 9.2 9.7 9.9 9.5	2.9 3.5 3.7 4.3 4.6 4.8	11.7 13.0 14.0 15.0 15.2	9.0 10.2 11.1 12.0 12.1 11.5	31.0 32.5 34.2 35.6 35.7 33.8	21.8 25.7 26.5 29.9 28.0 28.4	36.6 40.7 43.7 46.5 47.2 45.3	16.4 18.1 19.3 20.3 20.3 19.4	7,412 8,414 9,267 9,862 10,178 10,809	9,265 10,518 11,609 12,328 12,723 13,281
1965	33.1 32.4	22.9 22.2	8.9 9.0	5.2 5.1	14.0 13.6	11.4 11.0	31.3 31.1	29.0 27.3	44.2 43.5	18.7	10,9 <b>8</b> 0 11,203	13,736 14,004

NA Not available. Includes other races not shown separately. \*\*Hispanic persons may be of any race. \*\*Beginning 1981, income cutoffs for nonterm families are applied to all families, both farm and nonterm. \*\*Population controls based on 1970 census; see text, section 14. \*\*Population controls based on 1980 census; see text, sections 1 and 14.

Source: U.S. Bureau of the Census, Current Population Reports, series P-60, No. 157.

No. 714. Persons Below Poverty Level and Below 125 Percent of Poverty Level, by Race of Householder and Family Status: 979 to 986

[Persons as of March of following year. For explanation of poverty level, see text, section 14]

26.1 20.0 5.5 10.0	1983	1984	1985	1986	1979 1	1983	1984	1985	198
20.0									
20.0		00.7							
5.5	11	33.7	33.1	32.4	36.6	47.5	45.3	44.2	43.
5.5	28.0	26.5	25.7	24.8	26.1	37.6	35.5	34.4	33
100	7.7	7.3	7.2	7.0	7.8	10.4	9.9	9.8	9
	13.4	12.9	12.5	12.3	13.4	17.2	16.4	15.8	15
4.5	6.9	6.3	6.0	5.5	7.0	10.0	9.2	8.9	
5.7	6.9	6.6	6.7	6.8	8.0	9.1	9,1	9.1	. 5
17.2	24.2	23.0	22.9	22.2	25.2	33.6	32.1	31.5	30
12.5									2
3.6	5.3	4.9	5.0	4.8	5.3	7.4	7.0		
5.9	8.6	8.1	7.8			11.4	10.7	10.3	10
3.0						7.1	6.6	6.4	1
4.5	5.3	5.2	5.3	5.2	6.5	7.3	7.3	7.3	1
8.1	9.9	9.5	8.9	9.0	10.3	12.1	11.6	11.1	1
6.8	8.4	8.1	7.5	7.4	8.8	10.3	9.9	9.3	1
1.7		2.1			2.2	2.7		2.5	1
3.7									JES
1.3									
1.2	1.3	1.3	1,3	1.4	1.4	1.6	1.6	1.6	100
1 3	W	2.24			1000	10.55	1000	1000	1 9
13.5	16.8	16.4		16.9	17.4	20.8		20.1	2
9.4									1.
									1
5.6							7.7	7.6	
1.1		1.6	1.4	1.4				2.0	
3.6	4.2	4.0	4.2	4.3	5.4	5.8	5.7	5.6	
12.6	18.7	17.3	18.7	15.4	19.2	26.7	25.0	24 1	2
10.6									1
2.8									1
4.4	6.7		5.8					8.2	1 3
3.4	5.1	4.7	4.6	4.1	5.4	7.6	7.1	6.9	
2.0	2.7	2.6	2.5	2.5	2.7	3.4	3.4	3,3	1
			100	- 1		25.0	-		
11.7	15.3	14.4	14.0	13.6	16.4	20.5	19.4	18.7	11
_				12.5		-	_		
10.2									16
9.2									1
16.0									2
21.0									2
	- T- T- T- T- T- T- T- T- T- T- T- T- T-	2000000	1 1 1 1 1	100000000000000000000000000000000000000	V 4 6 6	1 10 20 10 10	VA	110000	
									1
7.4			9.9						1
6.9					10.2				1
11.4									2
197							27.0		2
	100000	100000000000000000000000000000000000000	1 2773	1 SV 3 1	LE AMUSI	100000	100 1 1 1 1 1		
31.0									3
30.0	34.7		30.5						3
27.8									3
10.8			43.1		20.1	30.0	27.7		5
37.2									4
	40.5	30.0	34.7	30.3	43.4	40.0	44,0	42.1	-
	1 663	1000	1000	24.5	1/12/24	1772	W	1337	
32.0		34.0							4
34.9									4
40.4		34.5		34.6					4
16.0	20.0	19 1		17.5	23.0	20.3	26.7		6
26.0	26.3	24.4	24.8	25.1	37.0	36.0	34.2	33.9	3
1 6 7	1000		100		1777	100		100	1
									1
6.3				7.3					19
5.5		12.0							1 .5
6.5							10.7		1
16.0								22.2	2
	17.2 12.5 5.9 3.0 4.5 8.1 6.8 1.7 1.3 1.2 13.5 2.6 5.6 1.1 3.8 12.6 12.6 12.6 12.6 12.6 12.6 12.6 12.6	17.2 24.2 12.5 18.5 18.5 18.5 18.5 18.6 18.6 18.7 19.9 11.2 13.3 13.1 19.1 1.3 18.8 19.4 12.1 26.6 6.8 8.4 1.1 12.6 18.7 10.6 15.9 12.4 16.0 27.8 16.8 19.9 12.4 16.0 27.8 16.9 12.9 12.4 16.0 21.8 6.9 12.1 11.7 15.3 10.2 13.9 12.4 16.0 21.8 6.9 12.4 16.0 21.8 6.9 12.4 16.0 21.8 6.9 12.4 10.8 8.9 12.4 10.8 12	17.2 24.2 23.0 12.5 18.5 17.3 3.6 8.6 8.1 9.9 9.5 6.8 8.4 8.1 1.7 2.2 2.1 3.7 4.3 4.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1	17.2 24.2 23.0 22.9 17.1 17.1 3.6 17.8 3.6 6.8 6.1 7.8 3.4 4.5 5.3 5.2 5.3 6.8 1 7.5 17.1 17.1 17.1 17.1 17.1 17.1 17.	17.2 24.2 23.0 22.9 22.2 12.5 18.5 17.3 17.1 16.4 3.6 5.3 4.9 5.0 4.8 5.7 5.9 8.6 8.1 7.8 7.7 3.0 4.7 4.3 4.3 4.3 4.9 5.0 4.7 4.3 4.3 4.9 5.0 4.7 4.3 4.3 4.9 5.0 4.7 4.3 4.3 4.1 4.0 13.8 1.9 1.7 1.5 1.4 1.2 1.3 1.3 1.3 1.3 1.4 1.4 1.2 1.3 1.3 1.3 1.3 1.4 1.4 1.2 1.3 1.3 1.3 1.3 1.4 1.4 1.2 1.3 1.3 1.3 1.3 1.4 1.4 1.4 1.2 1.3 1.3 1.3 1.3 1.4 1.4 1.2 1.5 1.6 6.8 6.8 6.7 6.7 6.9 6.8 6.8 6.7 6.7 6.9 6.8 6.8 6.7 6.7 6.9 6.8 6.8 6.7 6.7 6.9 6.8 6.8 6.7 6.9 6.7 6.9 6.8 6.8 6.7 6.9 6.7 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9	17.2 24.2 23.0 22.9 22.2 25.2 12.5 18.5 17.3 17.1 16.4 18.4 18.4 19.5 19.6 8.6 8.1 7.8 7.7 8.2 3.0 4.7 4.3 4.3 3.9 4.8 4.5 5.3 5.2 5.3 5.2 6.5 8.1 9.9 9.5 8.9 9.0 10.3 6.8 8.4 8.1 7.5 7.4 8.8 1.7 5.7 7.4 8.8 1.7 2.2 2.1 2.0 2.0 2.2 2.3 3.7 4.3 4.3 4.3 1.9 1.7 1.5 1.4 1.9 1.7 1.5 1.4 1.9 1.7 1.5 1.4 1.9 1.7 1.5 1.4 1.9 1.7 1.5 1.4 1.9 1.3 1.3 1.3 1.3 1.4 1.4 1.4 1.4 1.4 1.5 1.5 6.8 6.8 6.8 6.7 6.9 6.7 6.9 6.7 1.1 1.8 1.6 1.4 1.4 1.6 1.3 1.3 1.3 1.3 1.4 1.4 1.6 1.4 1.4 1.6 1.5 1.9 1.6 1.9 1.6 1.9 1.6 1.9 1.6 1.9 1.6 1.9 1.6 1.9 1.6 1.9 1.6 1.9 1.6 1.9 1.6 1.9 1.6 1.9 1.6 1.9 1.6 1.9 1.6 1.9 1.6 1.9 1.6 1.9 1.9 1.0 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	17.2 24.2 23.0 22.9 22.2 25.2 33.8 12.5 18.5 17.3 17.1 16.4 18.4 25.8 3.6 5.3 4.9 5.0 4.8 5.3 7.4 18.4 25.8 3.6 8.1 7.8 7.7 8.2 11.4 1.5 5.9 8.6 8.1 7.8 7.7 8.2 11.4 1.5 5.3 5.2 6.5 7.3 4.5 5.3 5.2 6.5 7.3 1.4 1.5 5.3 5.2 6.5 7.3 1.2 1.2 1.3 1.9 1.7 1.5 7.4 8.8 10.3 12.1 1.7 2.2 2.1 2.0 2.0 2.2 2.7 3.7 4.3 4.3 4.1 4.0 4.7 5.1 1.3 1.9 1.7 1.5 1.4 1.9 2.5 1.2 1.3 1.3 1.3 1.4 1.4 1.6 1.6 1.2 1.3 1.3 1.3 1.4 1.4 1.6 1.6 1.5 1.9 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	17.2 24.2 23.0 22.9 22.2 25.2 33.8 32.1 12.5 18.5 17.3 17.1 16.4 18.4 25.8 24.2 23.6 5.3 4.9 5.0 4.8 5.3 7.4 7.0 3.0 4.7 4.3 4.3 3.9 4.8 7.1 6.6 3.4 4.5 5.3 5.2 5.3 5.2 6.5 7.3 7.3 4.5 6.8 8.4 8.1 7.5 7.7 8.2 11.4 10.7 7.3 6.8 11.4 10.7 7.5 7.4 8.8 10.3 9.9 9.5 8.9 9.0 10.3 12.1 11.6 6.8 8.4 8.1 7.5 7.4 8.8 10.3 9.9 11.7 2.2 2.1 2.0 2.0 2.2 2.7 2.6 3.7 4.3 4.3 4.1 4.0 4.7 5.1 5.1 5.1 1.3 1.9 1.7 1.5 1.4 1.9 2.5 2.3 1.2 1.3 1.3 1.3 1.4 1.4 1.6 1.6 1.6 1.6 1.5 1.5 1.4 1.9 2.5 2.3 1.2 1.3 1.3 1.3 1.4 1.4 1.4 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	17.2   24.2   23.0   22.9   22.2   25.2   33.8   32.1   31.5   12.5   18.5   17.3   17.1   16.4   18.4   25.8   24.2   23.7   7.0

<sup>&</sup>lt;sup>1</sup> Population controls based on 980 census; see text section 14. <sup>2</sup> includes races and members of unrelated subfamilies not shown separately.

Source: U.S. Bureau of the Census, Current Population Reports, series P-80, No. 157, and unpublished data.

NO. 715. PERSONS BELOW POVERTY LEVEL, BY RACE, HISPANIC ORIGIN, AGE, AND REGION: 1986

[Persons as of Merch 1987. Based on Current Population Survey; see headnote, table 699. For explanation of poverty level, see text, section 14. For composition of regions, see fig. I, inside front cover]

	NUMBER	BELOW POV	ERTY LEVEL	(1,000)	PERCENT BELOW POVERTY LEVEL					
AGE AND REGION	All races 1	White	Black	Hispanic <sup>2</sup>	All races 1	White	Black	Hispanic <sup>a</sup>		
Total	32,370	22,183	8,983	5,117	13.5	11.0	31.1	27.3		
Under 16 years old	9,543 4,070	7,437 2,364 6,719 2,955 2,660	3,730 1,107 2,420 1,003 722	2,298 582 1,556 477 204	21.0 16.6 10.8 9.1 12.4	16.5 13.2 9.0 6.6 10.7	43.8 34.7 23.4 22.3 31.0	38.4 27.7 21.4 19.1 22.5		
Northeest	5,211 7,641 13,106 6,412	3,896 5,533 7,593 5,172	1,170 1,892 5,383 537	1,113 284 1,759 1,960	10.5 13.0 16.1 13.2	8.9 10.6 11.8 12.3	24.0 34.5 33.8 21.7	32.7 24.3 29.4 24.0		

<sup>&</sup>lt;sup>5</sup> Includes other races not shown separately. Surror: U.S. Bureau of the Census, *Current Population Reports*, series P-80, No. 157.

### No. 716. Persons 65 Years Old and Over Below Poverty Level, by Selected Characteristics: 1970 to 1986

[Persons as of March of following year. See headnote, table 715]

	NUME	ER BELOW	POVERTY	LEVEL (1,	(000	PERCENT BELOW POVERTY LEVEL					
CHARACTERISTIC	1970	1979 1	1984	1983	1983	1970	1970 1	1984	1980	1980	
Persons, 65 yr. and over 2 White: Black: Hispanic 2	4,793 4,011 735 (NA)	3,682 2,911 740 154	3,330 2,579 710 176	3,456 2,696 717 219	3,477 2,689 722 204	24.8 22.8 47.7 (NA)	15.2 13.3 36.3 26.8	12.4 10.7 31.7 21.5	12.6 11.0 31.5 23.9	12.4 10.7 31.0 22.5	
In families	2,013 1,188 980 209 825 2,779 549 2,230 5,977	1,380 822 629 193 559 2,299 428 1,871 4,753	1,205 713 489 224 493 2,123 401 1,722 4.496	1,173 708 498 210 465 2,281 402 1,879 4,677	1,164 716 520 198 448 2,311 412 1,899 4,547	14.8 16.5 15.9 20.1 13.0 47.2 36.9 49.8 21.3	8.4 9.1 8.4 13.0 7.6 29.4 25.3 30.5 13.0	6.7 7.3 6.0 13.0 6.0 24.2 20.8 25.2 12.0	6.4 7.0 6.0 12.1 5.6 25.6 20.5 27.0 12.3	6.2 7.0 6.1 11.8 5.2 25.2 19.6 26.6	

NA Not available. <sup>1</sup>Population controls based on 1980 census; see text, section 14. <sup>2</sup> Beginning 1979, includes members of unrelated subfamilies not shown separately. For earlier years, unrelated subfamily members are included in the "In families" category. <sup>2</sup> Hispanic persons may be of any race.

#### No. 717. CHILDREN BELOW THE POVERTY LEVEL, BY RACE AND HISPANIC ORIGIN: 1970 TO 1986

[Persons as of Merch of the following year, Covers only related children in families under 18 years old. Based on Current Population Survey; see headnote, table 699. For explanation of poverty, see text, section 14. For composition of regions, see fig. I, inside front cover)

Apple and apple	NUMBER	BELOW (1,0		LEVEL	PERCEN	T BELOW	POVERTY	LEVEL
YEAR AND REGION	All races t	White	Black	His- panic *	All races 1	White	Black	His- panic
1970	10,235	6,138	3,922	(NA)	14.9	10.5	41.5	(NA
1971		6.341	3,836	(NA)	15.1	10.9	40.7	(NA
1972	10,082	5,784	4,025	(NA)	14.9	10.1	42.7	(NA
973	9,453	5,462	3,822	1,364	14.2	9.7	40.6	27.8
974	9,967	6,079	3,713	1,414	15.1	11.0	39.6	28.6
975	10,882	6,748	3,884	1,619	16.8	12.5	41.4	33.
976	10,081	6,034	3,758	1,424	15.8	11.3	40.4	30.
977	10,028	5,943	3,850	1,402	16.0	11,4	41.6	28.0
978	9,722	5,674	3,781	1,354	15.7	11.0	41.2	27.3
979	9,993	5,909	3,745	1,505	16.0	11.4	40.8	27.
980	11,114	6,817	3,906	1,718	17.9	13.4	42.1	33.0
981		7,429	4,170	1,874	19.5	14.7	44.9	35.4
982		8,282	4,388	2,117	21.3	16.5	47.3	38.9
983	13,427	8,534	4,273	2,251	21.8	17.0	46.2	37.
984	12,929	8,086	4,320	2,317	21.0	16.1	46.2	38.
1985	12,483	7,838	4,057	2,512	20.1	15.6	43.1	39.6
1986 .,	12,257	7,714	4,039	2,413	19.8	15,3	42.7	37.
Northeast	1,903	1,341	492	556	16.0	13.3	32.7	47.
Midwest	2,966	1,935	945	150	18.8	14.3	48.6	33.
South	4,888	2,461	2,374	763	23.0	15.8	44.8	39.
West	2,500	1,977	227	944	19.1	17.7	32.0	32.

NA Not available. Includes persons of other races, not shown separately.

2 Hispanic persons may be of any race. Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 157, and earlier reports.

Source: U.S. Bureau of the Census, Current Population Reports, series P-60, No. 157, and unpublished data.

# No. 718. Families Below Poverty Level and Below 125 Percent of Poverty Level: 1959 to 1966

[Families as of March of the following year. For explanation of poverty level, see text, section 14]

	NUMBE	R BELOW	POVERT	Y LEVEL	PERCE	NT BELO	W POVER	ITY LEVEL	BELOW 125 PER OF POVERTY LE		
YEAR	All races 1	White	Black	Hepen- ic <sup>s</sup>	All races 1	White	Black	Hispan- ic *	Number (1,000)	Per	
1959	5,450 5,311	6,185 6,115 4,106 3,575 3,708 3,751 3,441 3,219 3,352 3,838 3,580	1,890 (NA) 1,820 1,358 1,481 1,434 1,529 1,527 1,479 1,513 1,617	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	18.5 18.1 11.8 9.7 10.1 10.0 9.3 8.8 8.8 9.7 9.4	15.2 14.9 9.3 7.7 8.0 7.9 7.1 6.8 6.8 7.7	46.1 (NA) 35.5 27.9 29.5 26.6 29.0 28.1 26.9 27.1 27.9	(23) (23) (23) (23) (24) (24) (25) (26) (26) (27) (27) (27) (27) (27) (27) (27) (27	11,790 11,525 8,837 7,363 7,516 7,761 7,347 7,044 7,195 7,974 7,847		
1977 1978 1979 °	5,311 5,260 5,320	3,540 3,523 3,515	1,637 1,622 1,608	591 559 610	9.3 9.1 9.1	7.0 8.9 6.8	28.2 27.5 27.6	21.4 20.4 19.7	7,713 7,417 7, <b>588</b>		
1979 4	8,217 6,851 7,512 7,061 7,277	3,581 4,195 4,670 5,118 5,254 4,925	1,722 1,828 1,972 2,158 2,161 2,094	614 751 792 916 985 991	9.2 10.3 11.2 12.2 12.4 11.6	6.9 8.0 8.8 9.8 9.7 9.1	27.8 26.9 30.8 33.0 32.3 30.9	20.3 23.2 24.0 27.2 26.0 25.2	7,784 8,764 9,568 10,279 10,410 9,901		
1965 1986	7,223 7,023	4,983 4,811	1,963 1,967	1,074 1,085	11.4 10.9	9.1 8.6	28.7 28.0	25.5 24.7	9,753 9,476		

NA Not available. 

<sup>1</sup> Includes other races not shown separately.

<sup>2</sup> Hispanic persons may be of any race.

<sup>3</sup> Population controls based on 1970 census; see text, section 14.

<sup>4</sup> Population controls based on 1980 census; see text, section Source: U.S. Bureau of the Census, Current Population Reports, series P-80, No. 157.

#### NO. 719. FAMILIES BELOW POVERTY LEVEL—SELECTED CHARACTERISTICS, BY RACE AND HISPA ORIGIN: 1986

[In thousands, except percent. Families as of March 1987. For explanation of poverty, see text, section 14. For compositic regions, see fig. I, inside front cover]

	NUMB	ER BELON	N POVER	ITY LEVEL	PERCE	NT BELO	W POVE	RTY LI
CHARACTERISTIC	All races 1	White	Black	Hispanic <sup>8</sup>	All races 1	White	Black	Hisp
Total	7,023	4,811	1,967	1,006	10.3	0.6	23.0	
Age of householder:								
15-24 years old	925	834	278	150	31.5	26.3	56.6	
25-34 years old		1.540	868	403	15.2	12.1	34.4	1
35-44 years old	1.526	1.051	408	253	9.9	7.9	24.3	l
45-54 years old	811	521	249	128	7.4	5.6	20.2	1
55-64 years old	752	567	166	64	7.7	8.5	20.3	i .
66 years old and over	716	498	196	58	7.0	5.4	22.1	
Northeast	1,158	853	271	276	8.6	7.2	22.1	1
Aldwest	1.683	1.203	442	66	10.6	8.4	32.3	
iouth	2,660	1,661	1,153	380	12.7	9.1	29.8	
Vest		1,074	122	381	10.4	9.6	19.2	1
lize of family:		<b> </b>		1		l	ŀ	1
2 persons	2.350	1.730	567	209	8.9	7.4	24.3	1
3 persons	1.697	1,144	512	242	11.0	8.7	27.3	1
4 persons	1,375	952	378	254	10.1	8.1	26.4	!
5 persons		530	252	191	13.7	10.8	33.0	ı
6 persons		257	120	95	20.0	15.9	33.3	1
7 persons or more		199	159	95	31.9	26.1	48.0	ı
Meen size	3.52	3.42	3.73	4.11	8	(X)	83	ı
Mean number of children per family with children	2.22	2.13	2.38	2.54	(x)	(x)	(00)	ì
ducation of householder: <sup>2</sup>	l	l	i	ł		i		
Elementary: Less than 8 years		689	272	386	25.5	22.8	34.4	1
8 years	554	421	121	113	15.5	13.3	36.9	1
High school: 1 to 3 years	1,371	876	453	162	18.5	14.6	35.6	1
4 years		1,429	864	193	9.5	7.3	26.6	1
College: 1 year or more	951	708	166	55	4.0	3.3	10.9	
Nork experience of householder in 1966; 4				i			1	1
Total	8,961	4,780	1,967	1,006	11.0	8.7	88.5	1
Worked	3,500	2,602	793	559	7.1	6.0	16.4	l
50 to 52 weeks	1,452	1,114	268	259	3.7	3.2	8.3	
1 to 49 weeks	2,048	1,458	505	300	19.6	16.9	37.3	ĺ
Did not work	3,491	2,178	1,195	526	24.3	18.3	55.8	ı

X Not applicable. I includes other races not shown separately. If Hepenic persons may be of any race. House or 25 years old and over. I Restricted to families with civilian workers.

Source: U.S. Bureau of the Census, Current Population Reports, series P-60, No. 157.

## NO. 720. PERSONS BELOW POVERTY LEVEL AND POVERTY RATE, BY VALUATION TECHNIQUE AND TYPE OF NONCASH BENEFIT INCLUDED: 1980 TO 1986

[Persons as of literoh of the following year. Valuation techniques that are used to measure noncesh benefits are as follows: (1) Market value approach which is equal to the purchase price in the private market of the goods received by the recipient; and (2) recipient and/or cash equivelent approach which is the amount of cash that would make the recipient just as well off as the in-tend transfer or would reflect the recipient's own valuation of the benefit. For more information on the methodology, see source]

VALUATION TECHNIQUE AND TYPE OF NONCASH BENEFIT INCLUDED	1980	1651	1983	1980	1984	1900	1900
NUMBER BELOW POVERTY LEVEL (1,000)							
Current poverty definition 1	29,272	31,662	34,396	36,515	33,700	33,064	32,370
Market value approach: Including food and housing Including food, housing, and medical benefits, excluding institutional	25,042	27,932	30,606	32,123	30,103	29,469	29,000
Recipient and/or cash equivalent approach:	1	21,048	23,563	24,512	23,019	21,941	21, <b>396</b>
Including food and housing	25,633	28,651	31,365	32,718	30,909	30,351	29,793
apenditres	23,896	26,784	29,407	30,720	28,917	28,281	27,592
PERCENT BELOW POVERTY LEVEL			1	1			
Current poverty definition 1	13.0	14.0	15.0	15.3	14.4	14.0	13.6
Merket value approach: Including food and housing Including food, housing, and medical benefits, excluding institutional	11.1	12.3	13.4	13.9	12.9	12.5	12.2
	8.1	9.3	10.3	10.6	9.8	9.3	9.0
Recipient end/or ceeh equivelent epproach:	11.4	11.6	13.7	14.1	13.2	12.6	12.5
Including food and housing	10.6	11.7	12.8	13.3	12.4	12.0	11.6

<sup>&</sup>lt;sup>1</sup> See text, section 14.

Source: U.S. Bureau of the Census, Estimates of Poverty Including the Value of Noncesh Benefits: 1986, Technical Paper 57.

# No. 721. PERSONS BELOW POVERTY LEVEL AND POVERTY RATE, BY SELECTED CHARACTERISTIC, USING ALTERNATIVE METHODS OF VALUING NONCASH BENEFITS: 1986

(Persons as of Merch 1967. For explanation of valuation techniques, see headnote, table 720. For composition of regions, see fig. 1, inside front cover)

		NU	MBER (1,00	(0)			PERCENT B	ELOW POVE	RTY LEVEL	
		Marke	t value	Recipie	nt value		Marke	value	Recipie	nt value
CHARACTERISTIC	Current poverty defini- tion	Valuing food and housing	Valuing food, houring, and medical benefits, excluding institutional expenditures	Valuing food and housing	Valuing food, housing, and medical benefits, excluding institutional expenditures	Current poverty defini- tion	Valuing food and housing	Valuing food, housing, and medical benefits, excluding institutional expenditures	Valuing food and housing	Valuing food, housing, and medical benefits excluding institutional expenditures
All persons	32,370	28,988	21,369	29,793	27,592	13.6	12.2	9.0	12.5	11.6
Under 6 years old 6-17 years old 18-24 years old 25-44 years old 45-64 years old	4,796 8,080 4,133 7,815 4,070	4,353 7,051 3,823 7,012 3,762	3,480 5,209 3,302 5,667 2,866	4,472 7,239 3,922 7,187 3,868	4,311 6,822 3,776 6,855 3,592	22.1 19.6 15.6 10.2 9.1	20.1 17.1 14.4 9.2 8.4	16.1 12.6 12.5 7.4 6.4	20.6 17.5 14.8 9.4 8.6	19.5 16.5 14.3 9.0 8.0
65 years old and over	3,477	2,987	846	3,105	2,237	12.4	10,7	3.0	11.1	8.0
White	22,183 8,983 5,117	20,039 7,884 4,565	14,882 5,705 3,501	20,540 8,171 4,687	18,969 7,613 4,439	11.0 31.1 27.3	9.9 27.3 24.3	7.4 19.8 18.7	10.2 28.3 25.0	9.4 26.4 23.7
Northeast	5,211 7,641 13,106 6,412	4,440 6,872 11,888 5,788	2,698 4,895 9,266 4,511	4,702 7,060 12,103 5,927	4,254 6,469 11,339 5,529	10.5 13.0 16.1 13.2	9.0 11.7 14.6 11.9	5.4 8.3 11.3 9.3	9.5 12.0 14.8 12.2	11.0 13.5 11.4

<sup>&</sup>lt;sup>3</sup> Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, Estimates of Poverty Including the Value of Noncash Benefits: 1985, Technical Paper 57.

No. 722. GROSS AND NET STOCK OF FIXED REPRODUCIBLE TANGIBLE WEALTH IN CURRENT / CONSTANT (1982) DOLLARS: 1970 TO 1986

#### [In billions of dollars]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	198
CURRENT DOLLARS							17					
Gross stock, total	4,335	7,605	8,334	9 359	10 905	12 366	13 014	15 330	15 873	16 768	17,733	18 74
Equipment		2,686	2.962	3,297	3,727	4,247	4,849	5,432		6,160	6,499	6.88
Structures	2,752	4,919	5,372	6,063	7,177	8,119	9,065			10,607		11.86
		100000	3.7		140.00	C-42.1-	2,100	2,44	100,000	1,545.51		1000
Private Nonresidential equipment		1,252	5,277	5,992 1,558	6,981	7,902	8,943	10,007	10,343	10,929		12,10
Nonresidential structures		1,409	1,389	1,696	2.004	2,031	2,353	2,823	2,894	3,008	3,153	3,28
Residential		2.094	2,356	2,739	3,207	3,677	4,098	4,503	4,484	4,834	5,133	5.40
Corporate	1,115	2,056	2,350	2,518	2,902	3,264	3,748	4,259	4,542	4,706	4,977	5,19
Noncorporate		2,700	3.017	3,474	4.080	4,638	5,195	5.748	5,801	6.223	6.589	6.90
Government		1,730	1.824	1,995	2,372	2,704	2,997	3,162	3,234	3,387	3,561	3.84
Equipment		314	339	367	406	456	521	590	651	700	739	80
Structures		1,416	1,484	1,628	1,966	2.248	2,476	2.572	2.583	2.687	2.822	3.04
Federal		549	592	635	710	802	910	997	1.059	1,123	1,162	1,26
Military		316	344	366	403	465	533	586	636	683	708	79
State and local		1,181	1,232	1,361	1,662	1,902	2,087	2,165	2,175	2,264	2.400	2.58
Consumer durable goods		1,119	1,234	1,372	1,552	1,760	1,974	2,162	2,295	2,452	2,606	2,79
Motor vehicles		428	481	548	627	713	785	863	919	1,003	1,086	1,20
Furniture, household equip-		120		0.00			100	000	0.0	1,000	1,000	1,100
ment	314	508	548	593	661	732	817	897	949	995	1,039	1,08
Other		183	205	231	264	315	372	402	427	454	481	50
Net stock, total		4,600	5.014	5,625	6.564	7,436	8,312	9.094	9,310	9,775	10,325	10.89
Private		2,934	3,242	3,681	4,295	4,867	5.484	6.104	6.242	6,563	6,939	7,25
Government	627	1,070	1,119	1,218	1,449	1,644	1,808	1,894	1,926	2,005		2.25
Consumer durable goods	372	596	653	725	820	925	1,020	1,096	1,142	1,207	1,286	1,38
	SIZ	330	000	123	020	923	1,020	1,000	1,142	1,201	1,200	1,30
CONSTANT (1982) DOLLARS	100 m	100	boul	1.36	Sec. 16.	San San	1000	1	0.00	Copelli		
Gross stock, total		12,772		13,597	14,093	14,604	15,042	15,467	15,834	16,245	16,762	17,32
Equipment	3,344	4,236	4,421	4,638	4,889	5,146	5,355	5,558	5,741	5,952	6,223	6,53
Structures	7,399	8,536	8,737	8,958	9,204	9,458	9,687	9,909	10,093	10,293	10,539	10,79
Private	6,989	8,313	8.549	8,837	9,164	9,514	9.813	10,106	10 334	10,579	10,904	11.24
Nonresidential equipment		2.084	2,166	2.273	2,400	2.537	2.651	2.759	2,834	2,913	3.024	3,14
Nonresidential structures	2,118	2,429	2.483	2,540	2,609	2,686	2,769	2.865	2,951	3.020	3.104	3.19
Residential		3.800	3,900	4,023	4,154	4,291	4,393	4,481	4.548	4.646	4,776	4.90
Corporate		3,480	3.588	3,715	3,867	4.036	4,194	4,354	4.481	4.600	4,771	4.96
Noncorporate		4,833	4,961	5,122	5,297	5,477	5,619	5,752	5.853	5,979	6,132	6,28
Government		2.839	2,895	2,943	3,001	3,056	3,118	3,171	3,230	3,291	3,348	3,42
Equipment		532	541	549	561	575	592	609	637	665	689	72
Structures		2.307	2.354	2.395	2,440	2,481	2.525	2.562	2.594	2,627	2.659	2.69
Federal	922	934	944	952	965	980	999	1,018	1,046	1,075	1,098	1,13
Military		544	551	555	561	574	588	600	624	647	666	69
State and local	1,626	1,905	1,951	1,992	2,036	2,076	2,118	2,153	2,185	2,217	2,250	2.29
Consumer durable goods	1,206	1,620	1,713	1,816	1,928	2,034	2,111	2,190	2,270	2,375	2,511	2.65
Motor vehicles	463	639	681	727	777	820	844	873	909	962	1.033	1,10
Furniture, household equip-	1 1 1 5	Test.	0.00		12.72	100	( E30			1.661	Sec. 5	1
ment	545	701	732	767	804	844	879	911	940	975	1,020	1,07
Other	198	280	300	322	347	370	389	406	422	437	457	47
Net stock, total	6.566	7.743	7.933	8,177	8,467	8,762	8,972	9,165	9,299	9,469	9,750	10.07
Private		5,130	5,251	5,421	5,622	5.841	6,005	6,156	6,244	6,349	6,535	6.73
Government		1,753	1,777	1,796	1.826	1.852	1,878	1,898	1,925	1,949	1,974	2.00
Consumer durable goods	659	860	905	960	1,019	1,069	1,090	1,111	1,129	1,170	1,242	1,32

Source: U.S. Bureau of Economic Analysis, Survey of Current Business, January 1996 and August 1967, and Fixed Repr Tangible Wealth in the United States, 1925-95.

# No. 723. TOP WEALTHHOLDERS WITH GROSS ASSETS OF \$300,000 OR MORE, BY SIZE OF N WORTH AND SEX: 1982

[All figures are estimates based on estate tax return samples. Net worth equals assets minus debits and mortgages. Mina
(—) indicates negative net worth]

					NET	WORTH		
ITEM	Unit	Total	Under \$100,000 <sup>1</sup>	\$100,000 to \$250,000	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,009 to \$4,999,999	\$5, 0
Top wealthholders, number	1,000 Mil. dol Mil. dol	2,897,185	378.9 97,458 -6,709	724.8 207,432 130,084	1,999.6 818,445 716,598	886.0 651,484 581,876	375.7 780,014 661,159	
Top male wealthholders, number	1,000 Mil. doi Mil. doi	1,748,052	318.8 66,356 5,352	595.2 162,995 105,478	1,013.3 424,345 355,407	482.4 372,456 326,720	231.5 504,472 421, <b>963</b>	
Top female wealthholders, number	1,000 Mil. doi Mil. doi	1,151,133	60.1 9,100 -1,357	129.8 44,439 24,587	995.3 394,100 361,169	385.6 279,038 256,155	144.2 275,542 250,178	

<sup>&</sup>lt;sup>1</sup> Includes those wealthholders with negative net worth.
Source: U.S. Internal Revenue Service, Statistics of Income Bulletin, Winter 1984-85.

724. TOP WEALTHHOLDERS WITH GROSS ASSETS OF \$300,000 OR MORE, BY STATE OF RESIDENCE: 1982

s are estimates based on estate tax return samples. Net worth equals assets minus debts and mortgages. For composition of regions, see fig. 1, inside front cover)

	Num- ber of top	Total assets	Net worth	DEFINE	AIRES AS D BY NET DRTH	DIVISION AND	Num- ber of top	Total assets	Net worth	DEFINE	AIRES AS D BY NET ORTH
AND	wealth- holders (1,000)	(bil. dol.)	(bil. dol.)	Num- ber (1,000)	Amount (bil. dol.)	STATE OR OTHER AREA	wealth- holders (1,000)	(bil. dol.)	(bil. dol.)	Num- ber (1,000)	Amount (bil. dol.)
,,,,,,,,,,,	4,377.9	2,897.2	2,423.1	407.7	1,001.3	S.A.—Con.	100	1.5	1		
			-			MD 1	98.0	67.9	60.2	8.9	33.3
st	805.3	526.3	468.6	86.3	210.5	VA	99.2	43.8	38.5	4.9	14.8
	1,137.0	686.5	549.6	83.3	178.9	NC	70.1	36.4	29.6	3.6	8.0
i	1,413.4	937.6	793.0	135.0	351.5	SC	42.1	18.9	16.3	2.2	4.0
*********	1,012.7	740.3	605.6	101.5	257.7	GA	72.9	46.8	37.4	5.8	14.4
******	195.3	135.1	118.0	21.4	52.0	FL	279.5	239.2	205.4	40.6	111.8
	10.8	8.6	4.6	8	1.8	E.S.C	153.2	90.0	73.8	14.9	30.2
-	14.5	8.5	7.9	2.1	3.1	KY		23.8	18.5	3.5	7.4
**********	7.5	4.9	4.0	.7	1.8	TN		28.8	23,1	5.3	10.0
******	78.9	49.8	43.5	7.6	18.3	AL	33.9	21.3	19.0	4.1	8.9
-	7.8	4.3	3.5	8.	1.4	MI	29.2	16.1	13.2	2.0	3.8
********	75.8	59.0	54.5	9.4	25.6	W.S.C	582.0	382.0	323.1	52.8	132.2
da	610.0	391.2	350.6	64.9	158.5	AR	36.2	20.6	15.8	2.6	5.1
*******	306.0	209.5	189.3	30.9	98.1	LA	59.9	40.2	32.8	6.2	15.4
********	144.8	79.8	73.3	8.3	22.7	OK	68.4	40.2	31.9	4.5	10.5
mone	159.2	101.9	88.0	25.7	37.8	TX	417.5	281.0	242.6	39.5	101.2
	664.0	372.3	311.8	43.2	96.4	MT	251.5	172.6	138.3	22.5	55.8
*******	158.5	86.1	75.6	12.6	25.6	MT		13.1	9.1	.9	2.1
******	60.6	32.5	28.1	4.5	9.2	ID	14.5	10.8	7.7	1.0	2.5
	241.0	147.0	116.4	14.5	34.4	WY	13.3	10.1	8.4	1.3	2.8
***********	118.1	64.2	56.7	7.3	17.2	CO	72.9	52.9	42.0	6.9	19.3
	85.8	42.5	35.0	4.3	10.0	NM	13.6	9.1	7.0	1.1	2.8
********	473.0	314.2	237.8	40.1	82.5	AZ		42.5	35.7	5.5	12.9
*E-E-E-F-F-F	91.0	102.4	62.4	17.6	37.7	UT	22.2	18.3	15.5	4.3	9.7
	115.5	56.9	44.6	3.3	4.9	NV	26.0	15.8	12.8	1.5	3.8
********	72.7	48.6	41.0	7.7	15.6	PA	761.2 65.4	567.7 56.2	467.4 49.6	79.0 10.4	201.9
*******	51.1	23.7	20.2	3.8	4.5		48.5	27.2	23.3	2.1	4.1
********	15.4	8.5	6.6	1.2	2.1	OR	617.0	467.2	383.4	64.5	166.7
*******	66.5	36.5	29.8	3.3	7.3	AK	16.1	8.2	6.8	1.2	2.9
*********	60.8	37.7	33.2	3.2	10.4	1.44	14.2	8.8	4.3	.8	1.7
	678.2	465.6	396.1	67.3	189.1	Other areas 2	9.8	6.5	6.2	1.5	2.7
	8.0	5.0	4.0	7	1.5	Outer 2003	0.0	0.5	0.2	1.0	

se District of Columbia. 

<sup>8</sup> U.S. citizens domiciled abroad.

#### 25. TOP WEALTHHOLDERS WITH GROSS ASSETS GREATER THAN \$500,000, BY SIZE OF NET WORTH AND TYPE OF ASSET: 1982

[All figures are estimates based on a sample of estate tax returns]

			NUMBER (1,	000)				MOUNT (bil	. dol.)	
XF ASSET			Net	worth				Net	worth	
	Total	Under \$250,000 1	\$250,000- \$600,000	\$500,000- \$1,000,000	\$1,000,000 or more	Total	Under \$250,000 1		\$500,000- \$1,000,000	\$1,000,000 or more
	1,965.1	254.9	434.5	350.6	407.7	2,140	122	244	651	1,122
<b>lo</b>	1.740.3	237.3	371.8	771.7	359.4	875	63	105	242	265
stock						531	11	35		350
8 assets									35	111
***************************************					400.3			16		67
	755.2	43.7	96.7	398.5	216.3	128	1	4	36	00
nd local Timent	411.3	8.9	37.0	212.6	152.9	62	l 651		14	46
sevings					46.2		1 2	(z)	3	1 3
ederal	219.9							l i	13	3
ite and	1	ll .	1			l		ľ	_	
m							(2)	1		1 _3
1 mortgages	922.8							10	30	51
nice equity	1,450.1	245.9								
•••	1,903.0	245.2	427.2	835.8	394.9	336	16	48	69	184
đ		ll .		l	]	1	11			
gee	1,813.5 (x)	251.3 (x)	410.3	770.2 (X)	372.3	975 1,705	115	95 175	70 902	121 1,501

U.S. Internal Revenue Service, Statistics of Income Bulletin, Winter 1984-85.

applicable. Z Less than \$500 million. Includes those weelthholders with negative net worth.

<sup>:</sup> U.S. Internal Revenue Service, Statistics of Income Bulletin, Winter 1984-85.

# No. 726. HOUSEHOLD NET WORTH—OWNERSHIP, MEDIAN EQUITY VALUE OF ASSET HOLDINGS, AND DISTRIBUTION OF NET WORTH, BY TYPE OF ASSET: 1984

[Equity values of asset and liability balances held at the and of months August-November 1984. Excludes persons in group quarters. Based on the Survey of income and Program Participation; see text, section 14. For definition of median, see Guide to Tabular Presentation]

TYPE OF ASSET	Percent of house- holds owning asset type	Median value of hold- ings for esset owner	Percent distribu- tion of net worth	TYPE OF ASSET	Percent of house- holds owning asset type	Median value of hold- ings for asset owner	Percent distribu- tion of net worth
Interest-earning assets at finan- cial institutions	71.8	3,066	14.4	Checking accounts 1 Stocks and mutual funds	53.9 20.0	449 3,892	.e.
Sevings accounts		(NA)	(NA)				
Money market deposit	-	,,	1 *-4	Own home	64.3	40,597	41.3
accounts	15.7	(NA)	(NA)	Rental property	9.8	34,556	9.0
Certificates of deposit	19.1	(NA)	(NA)	Other real estate	10.0	14,791	4.4 6.0
Interest-earning checking		(NA)	(MA)	Vehicles	85.8	4,104	6.0
Other ledesed seemles seemle				Business or profession U.S. savings bonds	12.9	6,298	10.3
Other interest-earning assets		9,471	3.1	U.S. sevings bonds	15.0	300	.5
Money market funds		(NA)	(NA)	RA or KEOGH accounts	19.5	4,606	2.2 4.9
Government securities		(NA)	(NA)	Other financial instruments 1	6.9	12,769	4.9
Corporate or municipal bonds		(NA)	(NA)			1	
Other Interest-earning assets	2.6	(MA)	(NA)			l i	l

NA Not available. <sup>1</sup> Regular non-interest-earning checking accounts. <sup>2</sup> includes mortgages held from sale of real estate amount due from sale of a business, unit trusts, and other financial investments.

Source: U.S. Bureau of the Census, Current Population Reports, series P-70, No. 7.

NO. 727. HOUSEHOLD NET WORTH—PERCENT DISTRIBUTION BY SELECTED CHARACTERISTICS: 1984
[See headnote, table 726. Based on the Survey of Income and Program Participation; see text, section 14]

	Num-		PERC	ENT DIST	RIBUTION C	OF HOUSEH	OLDS BY N	ET WORTH		
CHARACTERISTIC	ber of house- holds (1,000)	Zero or nega- tive	\$1 to \$4,999	\$5,000 to \$9,900	\$10,000 to \$24,999	\$25,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$249,699	\$250,000 and over	Median (dol.)
Total	90,780	11.0	15.3	6.4	12.4	14.8	18.3	15.3	5.9	32,007
Age of householder:				l			l	l	i	l
Under 35 years old	25,730	19.1	28.9	11.0	17.2	11.9	8.2	2.9	.9	5.764
35-44 years old	17.393	9.7	12.5	6.1	13.4	18.3	21.4	13.7	4.7	35,581
45-64 veers old	12.508	6.2	8.5	4.1	10.6	14.1	24.9	21.0	8.7	56,791
55-64 years old	12,920	5.3	7.7	3.3	7.8	13.3	25.3	25.7	11.6	73,664
86 years old and over	18,151	6.7	8.7	4.0	9.1	15.5	24.7	23.1	8.2	60,266
Race of householder:		ŀ	ļ	1	į					l
White	75.343	6.4	14.0	6.3	12.2	15.0	20.7	16.8	6.5	39,136
Black	9,509	30.5	23.9	8.8	14.0	11.7	9.3	3.3	.6	3,307
Hispanic 1	4,162	23.9	26.3	7.6	11.4	9.5	13.1	5.1	3.1	4,913
Region:										i
Northeast	18.533	12.4	13.7	8.2	10.5	13.8	21.2	17.0	5.6	37,734
Michael	22,141	9.7	14.4	5.7	12.4	16.7	21.0	14.5	5.7	36,707
South	29,430	10.6	16.2	7.1	14.5	15.5	17.8	13.4	4.9	27.29
West	16,608	11.9	16.7	6.4	10.6	10.7	17.4	17.9	8.5	33,526
Type of household:		١.						l	i	l
Merried-couple	50,608	6.0	10.5	5.6	12.2	15.6	22.7	19.5	8.0	50,110
Male householder	12,568	15.5	25.1	9.7	13.3	11.6	13.0	6.0	4.0	
Female householder	23,596	19.3	20.3	6.4	12.2	13.5	15.3	10.3	2.6	10,000
Education of householder:							l		1	l
Less than 12 years	24.736	15.1	17.2	6.6	12.4	15.9	18.6	11.3	2.9	23,447
High school, 4 years		10.1	17.0	6.3	12.7	14.6	19.9	14.8	4.6	31.80
College: 1-3 years		10.2	16.7	7.2	13.0	13.8	19.3	14.4	5.5	29,121
4 years	17,430	7.4	8.5	5.6	11.3	12.8	19.1	22.7	12.6	60,417
Tenure:	1	l			1				1	l
Owner-occupied	55,820	1.4	2.9	3.9	13.1	19.6	26.0	22.5	8.7	63,263
Renter-occupied	30,970	28.3	37.6	11.0	11.1	5.2	3.6	2.3		1,921

<sup>&</sup>lt;sup>1</sup> Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, Current Population Reports, series P-70, No. 7.

IV., 148. TUUBERULI IVE! WUMIR—CWINEHBRIR TAILE AND MELIAN VALUE OF TULLINGS: 1804

[Balances of seets and labilities held at the and of months August-November 1994, Data exclude group quarters. Besed on the Survey of income and Program Participation; see land, section 14. For definition of median, see Guide to Tabular Presentation]

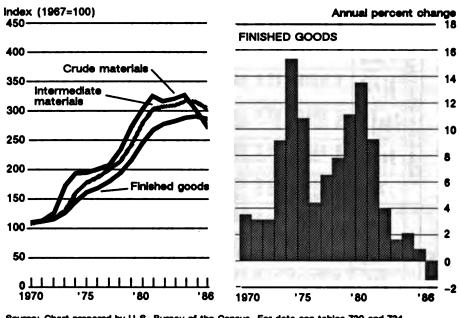
-EON		1							-					-				
CHARACTERISTIC house-house house (1,000)	est- earning as- sets 1	other inter- est- earning as- sets *	Regular check- ing ac- counts *	Stocks and mutual fund shares	Dusi- ness or profes- sion	Motor vehi- cles	Dwn	Rent- prop- erty	Other real estate	U.S. sav- ings bonds	KEOGH ac- counts	worth	est. earning depos- its 1	Other inter- est- earning as- sets a	Regular check- ing ac- counts a	Stock and mutual fund shares	Equity in own home	IRA and KEOGH sc- counts
Total 86,790	71.8	9.5	63.9	20.0	12.9	85.8	64.3	8.6	10.0	15.0	19.5	32,667	3,066	9.471	449	3,692	40,597	4,80
householder	979	0 7	803		400	87.6	000	0	0	000	*	K 764	8	9 9 4 6	202	4 910	17 506	9.40
-	724.0	00	200	22.0	200	200	80.0	900	10.4	17.8	21.6	36,581	1 804	5,280	410	3 197	37.268	4.43
	72.9	9.1	90.0	23.1	19.7	91.6	77.7	14.3	15.4	17.5	31.4	56,791	3,387	7.766	538	4.048	48.172	5,35
55 to 64 years old 12,920	76.0	1.5	55.4	25.5	15.1	69.1	80.2	15.4	15.9	18.3	38.9	73,664	7,340	13,559	568	5,662	54,059	6,390
I	77.5	9.1.	48.5	21.1	0.7	4.17	73.0	10.8	4.8	11.3	8.5	90,266	13,255	18,144	159	6,882	46,192	6,36
	75.4	8.4	56.9	22.0	14.0	88.5	67.3	10.1	10.9	18.1	21.4	39.135	3.457	9.826	457	3.908	41 999	4 92
Black 9,509	43.8	21	32.0	5.4	4.0	65.0	43.8	9.9	33	7.4	5.1	3,397	739	(8)	318	2,777	24,077	2,450
4,162	50.8	2.0	36.6	7.5	9.6	74.6	39.9	9.9	5.8	1.0	1.6	4,913	1,178	(8)	359	2,488	38,867	3,257
egion:	24	4 0	507	200	107	78.5	018	0	7.9	001	92.6	97 794	2 000	1010	707	2 879	40 010	401
***************************************	74.6	6	54.2	20.6	13.4	88.2	68.1	10.4	10.6	17.0	20.5	35,707	2 964	8 784	374	2 959	37 139	4.67
South. 29,430	64.5	7.4	65.0	17.5	13.0	87.0	9.99	8.6	11.1	12.3	15.0	27,296	2,774	9,570	501	4,166	34,129	4,878
-	74.4	9.6	55.3	21.3	14.5	98.6	29.0	11.7	10.3	11.8	21.6	33,525	2,962	10,017	496	4,103	52,062	4.78
hold:	5		Q.	1.1		I	í		7									
holds	78.2	9.6	59.5	24.4	17.6	96.9	77.2	11.8	13.3	18.9	25.1	50,116	3,336	9,150	477	3,488	42,634	5,499
opinion or a	65.0	8.1	46.7	15.4	10.4	61.9	6.	7.4	6.9	10.3	14.4	9,683	2,091	8,368	481	4,098	30,238	4,26
Feturation of householder	61.5	6.2	40.8	13.1	0.4	1.99	48.8	0.0	4.6	2.0	10.3	13,885	2,941	10,063	328	4,277	38,009	3.97
	57.6	3.6	41.9	8.5	8.6	73.5	62.1	7.6	6.5	0.6	8.6	23.477	3.888	9.972	392	2.959	34.905	4.692
-	6.07	6.2	56.4	16.6	11.7	88.9	65.1	8.8	9.6	15.7	18.1	31,892	2.563	7.434	391	3,187	39.890	4.487
***************************************	77.3	8.7	60.1	23.4	14.2	91.3	61.1	0.6	10.6	16.4	20.6	29,121	2,049	8,077	433	3,416	41,114	4.442
4 or more years 17,430	87.7	18.7	60.9	38.4	19.7	929	69.4	16.1	15.0	21.2	36.2	60,417	4,296	9,890	229	4,848	51,188	5,520
enure:				1000				T					ļ			100		
	80.2	10.8	59.8	26.0	16.0	92.7	100.0	13.6	13.0	18.4	25.7	63,253	4,333	10,051	208	4,116	40,597	5,26
Renter	56.5	4.3	43.3	9.5	7.3	73.3	8	2.8	4.6	0.6	8.5	1,921	1,182	5,056	345	2,745	8	3,205

Source: U.S. Bureau of the Ceneus, Current Population Reports, series P-70, No. 7.

442

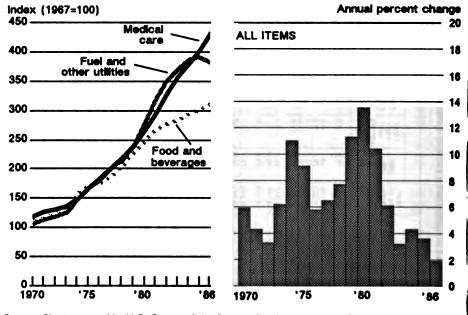
Figure 15.1 Producer Price Indexes by Stage of Processing: 1970 to 1986

**Prices** 



Source: Chart prepared by U.S. Bureau of the Census. For data see tables 730 and 734.

Figure 15.2 Consumer Price Indexes: 1970 to 1986



Source: Chart prepared by U.S. Bureau of the Census. For data see tables 730 and 740,



#### Section 15

#### **Prices**

This section presents indexes of producer and consumer prices, actual prices for selected commodities and energy prices. The primary sources of these data are monthly publications of the Department of Labor, Bureau of Labor Statistics (BLS), which include: Monthly Labor Review; Consumer Price Index, Detailed Report; Consumer Prices: Energy and Food; and Producer Price Indexes. The Bureau of Economic Analysis of the Department of Commerce is the source for the gross national product implicit price deflators; see table 732. The Department of Agriculture's Economic Research Service (ERS) produces indexes of prices received and prices paid by farmers; see section 23.

The Bureau of Labor Statistics (BLS) prepares monthly indexes of producer prices for a large selection of commodities, and monthly indexes of consumer prices for both commodities and services.

**Producer price Index.**—This index, dating from 1890, is the oldest continuous statistical series published by BLS. It is designed to measure average changes in prices received by producers of all commodities, at all stages of processing, produced in the U.S.

The index has undergone several revisions (see *Monthly Labor Review*, February 1962 and April 1978). It is now based on approximately 3,400 commodity price series instead of the approximately 3,200 included in the 1947-1960 period and the 900 included for the period prior to 1947. Indexes for the net output of mining and manufacturing industries have been added in recent years. Prices used in constructing the index are collected from sellers, and generally apply to the first significant large-volume commercial transaction for each commodity—i.e., the manufacturer's or other producer's selling price or the selling price on an organized exchange or at a central market.

The weights used in the index represent the total net selling value of commodities produced or processed in this country. Values are f.o.b. production point and are exclusive of excise taxes. Beginning in January 1967, the weights are values of net shipments of commodities as derived from the industrial censuses of 1982 and other data. For January 1976-December 1986, weights were based on 1972 shipment values.

Consumer price Indexes (CPI).—The CPI is a measure of the average change in prices over time in a fixed "market basket" of goods and services purchased either by urban wage earners and clerical workers or by all urban consumers.

In 1919, BLS began to publish complete indexes at semiannual intervals, using a weighting structure based on data collected in the expenditure survey of wage-earner and clerical-worker families in 1917-19 (BLS Bulletin 357, 1924). The first major revision of the CPI occurred in 1940, with subsequent revisions in 1953, 1964, 1978, and 1987.

The current revision, initially issued with release of the January 1987 data, is based on updated "market baskets" of goods and services and revised expenditure weights derived from a 1982-1984 Consumer Expenditure Survey.

Effective with the January 1978 index, BLS began publishing CPI's for two population groups: (1) a new CPI for All Urban Consumers (CPI-U); and (2) a revised CPI for Urban Wage Earners and Clerical Workers (CPI-W) which represents about half the population covered by CPI-U. The CPI-U includes in addition to wage earners and clerical workers, groups which historically have been excluded from CPI coverage, such as professional, managerial, and technical workers, the self-employed, short-term workers, the unemployed, and retirees and others not in the labor force. Separate, although overlapping samples were used for the two indexes from January 1978 to January 1982. Thereafter, the same samples were used for both indexes.

In January 1983, the method of measuring homeownership costs in the CPI-U was changed to a rental equivalence approach. This treatment calculates homeowner costs of the shelter based on the implicit rent owners would pay to rent the homes they own. The rental equivalence approach was introduced into the CPI-W in January 1985.

Beginning with release of the CPI for January 1987, revised versions of the CPI-U and CPI-W were introduced. The current CPI is based on prices of food, clothing, shefter, fuels, transportation fares, charges for doctors' and dentists' services, drugs, etc. purchased for day-to-day living. Prices are collected in 91 areas across the country from over 60,000 housing units and 21,000 establishments. Area selection was based on the 1980 census. All taxes directly associated with the purchase and use of items are included in the index. Prices of food, fuels, and a few other items are obtained every month in all 91 locations. Prices of most other commodities and services are collected monthly in the five largest geographic areas and every other month in other areas.

In calculating the index, each item is assigned a weight to account for its relative importance in consumers' budgets. Price changes for the various items in each location are then averaged. Local data are then combined to obtain a U.S. city average. Separate indexes are also published for regions, area size- classes, cross-classification of region and size-classes, and for 27 local areas, usually consisting of the Metropolitan Statistical Area (MSA); see Appendix II. Area definitions are those established by the Office of Management and Budget in 1983. Definitions do not include revisions made since 1983. Area indexes do not measure differences in the level of prices among cities, they only measure the average change in prices for each area since the base period. For further detail regarding the CPI, see the BLS Handbook of Methods, vol. II, the Consumer Price Index, and Report 736, the CPI: 1987 Revision.

Other price Indexes.—The fixed-weighted price index is a weighted average of the detailed price indexes used in the deflation of goods and services that make up the GNP. These price indexes are combined using weights that reflect the composition of GNP in 1982. Because the same weights are used for each period, changes in this index measure changes in prices over any period. The chain price index is an alternative measure of price change. It is a weighted average of the same detailed price indexes, but they are combined using weights that reflect the composition of GNP in the first of two consecutive periods. Thus, changes in this index measure changes in prices only between the consecutive periods.

The implicit price deflator is a by-product of the deflation of GNP. It is derived as the ratio of current- to constant-dollar GNP (multiplied by 100). It is a weighted average of the detailed price indexes used in the deflation of GNP, but they are combined using weights that reflect the composition of GNP in each period. Thus, changes in the implicit price deflator reflect not only changes in prices but also changes in the composition of GNP.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability pertaining to the producer price index and the CPI, see Appendix III.

Historical statistics.—Tabular headnotes provide cross- references, where applicable, to Historical Statistics of the United States, Colonial Times to 1970. See Appendix IV.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1988*. For cross-references, see Appendix V.

#### No. 729. Purchasing Power of the Dollar: 1940 to 1986

[1987=\$1.00. Producer prices prior to 1961, and consumer prices prior to 1964, exclude Alaeka and Hewell. For 1940 and 1945 producer prices based on all commodities index; subsequent years based on finished goods index. Obtained by dividing the average price index for the 1967 base period (100.0) by the price index for a given period and expressing the result in dollar and cents. Annual figures are based on average of morthly data)

		AVERAGE AS RED BY-	'		AVERAGE AS RED BY	<b></b> _ '		NED SY-
YEAR	Producer prices	Consumer prices	YEAR	Producer prices	Consumer prices	YEAR	Producer prices	Consumer prices
1940	\$2.469	\$2.381	1980	81.067	\$1.127	1974	\$.678	\$.677
1945	1.832	1.855	1961		1.116	1975	.612	.620
1948	1.252	1.387	1962	1.064	1.104	1976	586	.587
1949	1.289	1.401	1963		1.091	1977	550	.561
1980		1.367	1964		1.076	1978	510	.512
1951	. 1.156	1.285	1965		1.058	1979		.400
1952	1.163	1.258	1966		1.029	1960		.405
1953	1.175	1.248	1967		1.000	1961		.367
1954	1.172	1.142		972	.960	1982		.346
1955	1.170	1.247	1989		.911	1963		.336
1956	. 1.136	1.229	1970		.860	1984	343	.321
1967	1.098	1.186	1971	860	.824	1985		310
1968	1.073	1.155	1972		.799	1985		
1950		1.145	1973	782	.751	1	1	1

# No. 730. ANNUAL PERCENT CHANGE IN SELECTED PRICE INDEXES: 1960 TO 1986 [Yearly averages. Minus sign (-) Indicates decrease. GNP-Gross national product; see text, section 15]

			CONSUM	ER PRICES	3			PROD	UCER PR	ICES			GNP DEF	LATOR	
R		1	Fuel	Gas (piped)				shed ods	Inter-		ude ods		Do-	Non-	PCE
,	All	Food	oil and coal 1	and elec- tricity	Rent	Serv- ices	Total	Con- sumer goods	medi- ate goods	Total	Fuel	Total	mestic busi- ness	farm busi- ness	defla- tor
	1.6 1.0 1.1 1.2 1.3 1.7 2.9 2.9	1.0 1.3 .9 1.4 1.3 2.2 5.0	7 2.0 .5 1.9 5 2.0 2.5 3.1	4.1	1.4 1.3 1.2 1.1 .9 1.0 1.3 1.8	3.3 2.0 1.9 2.0 1.9 2.2 3.9 4.4	.8 3 3 4 1.7 3.2 1.2	1.0 -2 .3 5 2 1.9 3.4	6 1 .3 .3 1.4 2.5	-2.4 5 1.0 -2.2 9 5.1 6.4 -5.4	1.0 - 2 5 1.2 4 .8 3.0 3.8	1.6 1.0 2.2 1.6 1.5 2.7 3.6 2.6	1.2 .9 1.8 .9 1.2 2.3 3.1 2.5	1.2 .6 2.1 .9 1.2 2.0 2.8 3.0	1.3 1.3 1.1 1.3 1.3 1.3 1.3 2.9
	4.3	3.6 5.1 5.5 3.0 4.3 14.5 14.4 8.5	3.1 2.4 4.3 6.7 .9 14.8 57.8 9.6	1.9 4.4 6.9 5.1 4.9 15.3 16.3	2.4 3.2 4.2 4.6 3.5 4.3 5.1 5.1	5.2 6.9 8.1 5.6 3.8 4.4 9.3 9.5	2.8 3.7 3.5 3.1 3.1 9.1 15.3 10.8	2.7 3.8 3.1 2.7 3.3 10.8 15.6 9.6	2.3 3.4 3.9 3.8 4.0 10.9 23.8 10.5	1.6 6.7 3.6 2.5 10.9 36.4 12.7	2.3 4.2 15.0 13.4 7.0 10.6 33.4 23.7	5.0 5.6 5.5 5.7 4.7 6.5 9.1 9.8	4.6 4.9 4.7 4.9 4.0 6.4 9.3 10.0	4.3 4.9 4.9 4.9 3.8 4.7 9.7 10.7	4.1 4.1 4.1 6.1 10.1
	5.8 6.5 7.7 11.3 13.5 10.4 6.1 3.2 4.3 3.6 1.9	3.1 6.3 10.0 10.9 8.6 7.9 4.0 2.1 3.8 2.3 3.2	6.6 13.0 5.3 35.1 37.9 21.6 -1.2 -6.0 2.2 -3.5 -19.0	11.4 12.9 9.0 10.8 17.1 14.6 13.8 8.9 3.8 1.7 -1.3	5.4 6.1 6.8 7.3 8.9 8.7 7.6 5.8 5.2 6.1 5.8	8.3 7.7 8.5 11.0 15.4 13.1 9.0 3.5 5.2 5.1 5.0	4.4 6.5 7.8 11.1 13.5 9.2 4.0 1.6 2.1 .9	3.7 6.5 7.9 11.8 14.2 9.0 3.6 1.3 2.0 .5	5.1 6.6 7.0 12.8 15.3 9.2 1.4 .6 2.5 4 -3.5	2.9 3.2 12.0 17.0 11.0 8.0 -2.9 1.3 2.2 -7.5 -8.5	12.4 21.9 14.7 18.9 21.2 22.1 18.0 5.1 -2.3 -10.1	6.4 6.7 7.3 8.9 9.0 9.7 6.4 3.9 3.7 3.2 2.6	6.0 6.6 7.3 9.0 9.1 9.7 6.0 3.5 3.5 2.9 2.3	6.3 6.7 7.0 8.8 9.7 9.8 6.4 3.6 3.2 3.5 2.5	5. 6. 7. 9. 10. 9. 5. 4. 3. 3.
	4.2 6.8 8.9	1.4 4.0 8.8 7.7 4.0	1.2 3.1 16.4 18.8 2.2	1.5 9.6 12.2 8.4	1.1 2.6 4.5 6.9 6.7	2.0 5.7 6.5 10.2 7.1	2.9 8.2 8.6 3.5	3 2.7 8.3 8.8 3.2	2.6 10.4 9.3 2.6	.5 2.5 11.9 9.1 .1	5.6 17.2 17.8 8.1	1.8 4.4 7.1 7.6 5.4	1.4 3.9 6.9 7.7 5.1	1.4 4.0 6.7 7.7 5.3	1.0 3.1 6.7 7.1 5.1

presents zero. I includes bottled gas. Source: U.S. Bureau of Economic Analysis, The National Income and Accounts of the United States, 1829–82 and Survey of Current Business, July 1967. Index 1982 – 100. – Personal consumption expenditures. See table 732. See eyear for percent change is 1959. Average annual percent change, see Guide to Tabular Presentation.

#### No. 731. INDEXES OF SPOT PRIMARY MARKET PRICES: 1970 TO 1987

169. Index computed weekly through 1961; daily, beginning May 27, 1961. Represents unweighted geometric average of quotations of 22 commodities. This index is much more sensitive to changes in market conditions than is a monthly per price index.]

I AND NUMBER OF COMMODITIES	1970 (6-16)	1975 (6-24)	1970 (6-27)	1970 (6-26)	1 <b>986</b> (6-24)	1961 (5–26)	1 <b>982</b> (5-25)	1 <b>983</b> (5-23)	1984 (5-22)	1985 (5–21)	1 <b>986</b> (5–20)	1987 (5-29)
mmodities (22)	113.6	189.9	230.0	281.3	265.1	287.9	247.6	249.8	293.9	251.4	218.0	240.2
Re (9)ustrials (13)k and products (5)	123.6 125.2 99.9	174.1 240.8 166.8 158.8	224.4 278.0 220.8 173.6	336.3 332.8 192.2	250.5 257.9	265.4 265.2 267.3 243.0	243.9 312.1 218.2	252.3 278.1 225.9 206.0	299.7 364.5 253.4 248.1	253.6 264.5 220.2 220.8	231.2 191.2	275.9 301.3 238.3 247.3

s: 1970-1961, U.S. Bureau of Labor Statistics, *Tuesday Spot Market Price Indexes and Prices*, weekly and monthly, ir, Commodity Research Bureau, a Knight-Ridder Business Information Service, New York, NY, *CRB Commodity Index* weekly (copyright).

It Except as noted, U.S. Bureau of Labor Statistics, Monthly Labor Review.

No. 732. GROSS NATIONAL PRODUCT IMPLICIT PRICE DEFLATORS: 1970 TO 1986

[1982 = 100, except as Indicated. Minus sign (-) indicates decrease. For explanation of average annual percent change, see Guide to Tabular Presentation]

	1		FDC	ED INVEST	MENT 1			Govt	
YEAR OR PERIOD	Gross ne- tional prod- uct	Personal con- sumption expendi- tures	Total	Resi- dential	Nonresi- dential	Exports	Imports	pur- chases of goods and serv- ices	Final sales
1970 1971 1972 1973 1974 1974	44.4 48.5 49.5	42.9 44.9 46.7 49.6 54.8 59.2	39.0 41.2 43.2 45.6 50.3 56.9	37.0 39.0 41.2 44.8 49.8 54.2	39.9 42.4 44.4 48.0 50.5 57.9	38.7 40.4 41.7 47.1 56.3 62.1	29.0 30.2 32.0 35.5 50.4 54.1	38.1 41.0 43.6 47.1 52.2 57.7	42.0 44.4 46.5 49.5 54.1 59.2
1976	67.3 72.2 78.6 85.7	62.6 66.7 71.6 78.2 86.6 94.6	60.7 65.6 71.9 78.9 86.3 94.2	58.0 64.6 72.6 81.4 89.4 96.6	61.9 65.1 71.5 77.8 85.1 93.4	64.8 68.0 72.8 81.6 90.2 97.5	55.7 59.8 65.8 77.1 86.0 101.6	61.5 65.8 70.4 78.8 86.5 93.4	63.0 67.2 72.1 78.5 65.8 93.9
1982 1983 1984 1985 1985	103.9	100.0 104.1 106.1 111.8 114.3	100.0 99.8 100.2 100.5 102.3	100.0 102.2 106.0 108.2 111.1	100.0 96.8 97.9 97.5 98.5	100.0 101.3 103.2 101.3 99.7	100.0 97.4 97.1 94.8 92.1	100.0 104.0 108.6 112.6 115.3	100.0 103.9 107.7 111.1 114.1
			•	VERAGE A	VINUAL PERC	ENT CHANG	E		
1970-1975 1975-1980 1980-1985	7.1 7.6 5.4	6.7 7.9 5.2	7.9 8.7 3.1	7.9 10.5 3.9	7.7 6.0 2.8	9.9 7.8 2.4	13.3 12.2 3	8.7 8.2 5.7	7.1 7.7 5.3
1978	6.7 7.3 8.9 9.0 9.7 6.4 3.9	5.7 6.5 7.3 9.2 10.7 9.2 5.7 4.1 3.8 3.4 2.2	6.7 8.1 9.6 9.7 9.4 9.2 6.2 4 .3 1.8	7.0 11.4 12.4 12.1 9.8 8.1 3.5 2.2 3.7 2.1 2.7	8.9 8.8 8.2 8.8 9.4 9.8 7.1 -1.2 9 4 1.0	4.3 4.9 7.1 12.1 10.5 8.1 2.6 1.3 1.9 -1.8	3.0 7.4 10.0 17.2 24.5 6.8 -1.8 -2.6 -3 -2.4 -2.8	6.6 7.0 7.0 9.1 11.3 9.2 7.1 4.0 4.4 3.7 2.4	6.4 6.7 7.3 6.9 9.3 6.4 6.5 3.9 3.7 3.2 2.7

<sup>&</sup>lt;sup>1</sup> Gross private domestic fixed investment.

Source: U.S. Bureau of Economic Analysis, The National Income and Product Accounts of the United States, 1929-82, and Survey of Current Business, July 1967.

No. 733. FIXED-WEIGHTED PRICE INDEXES: 1970 TO 1986

ITEM	1970	1975	1979	1980	1981	1983	1984	1985	1986
Gross national product	47.2	61.8	78.8	86.1	94.1	104.1	108.3	112,1	115.1
Personal consumption expenditures  Durable goods  Nondurable goods  Services	55.0 45.2	60.1 66.7 63.2 56.2	78.6 82.5 80.8 76.0	86.8 89.6 89.6 84.0	94.6 95.8 97.0 92.6	104.2 102.3 102.1 106.3	104.1	112.9 105.0 107.8 117.5	115.2 106.2 107.7 123.1
Gross private domestic investment: Fixed investment. Nonresidential. Structures Producers durable equipment. Residential	68.4 32.6	69.0 73.1 52.5 86.3 54.6	80.3 80.1 75.0 83.4 81.2	86.9 86.1 83.1 88.1 89.4	94.5 93.9 93.2 94.4 96.6	100.4 99.9 97.3 101.5 102.2	101.5 100.2 98.1 101.8 106.0	103.2 101.8 100.3 103.1 108.2	104.9 103.2 100.7 104.7 110.9
Exports	43.3 33.4	65.4 59.7	82.9 80.9	90.5 96.3	97.7	101.6	104.3 97.5	103.7 95.7	103.6
Government purchases of goods and services	39.5	58.6 59.4 56.5 66.6 57.9	77.3 76.8 75.1 81.0 77.7	86.3 86.4 84.7 90.6 86.2	94.1 94.9 93.8 97.4 93.5	104.5 104.1 103.7 105.1 104.8	109.2 108.0 107.6 108.9 110.1	113.7 110.8 111.1 110.0 115.8	116.5 111.3 112.1 109.3 120.3
Addenda: Final sales	43.0 27.0	61.8 63.6 44.0 61.2	78.8 82.1 66.6 79.1	86.1 88.7 86.4 86.4	94.1 96.0 98.1 93.9	104.1 102.0 101.0 105.3	108.2 106.3 102.3 109.7	112.0 108.6 103.3 114.5	115.0 112.2 90.8 119.1

NA Not available.

Source: U.S. Bureau of Economic Analysis, The National Income and Product Accounts of the United States, 1929-1982, and Survey of Current Business, July 1967.

#### No. 734. PRODUCER PRICE INDEXES, BY STAGE OF PROCESSING: 1970 TO 1986

[1967 = 100. Minus sign (-) Indicates decrease. See also Historical Statistics, Colonial Times to 1970, series E 73-86]

STAGE OF PROCESSING AND COMMODITY	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Crude materials for further		1.7				1				11		
processing	112.3	196.9	209.2	234.4	274.3	304.6	329.0	319.5	323.6	330.8	306.1	280.0
Foodstuffs and feedstuffs	112.0	191.8	192.1	216.2	247.9	259.2	257.4	247.8	252.2	259.5	235.0	230.6
Nonfoods, exc. fuel		188.3	212.2	233.1	284.5	346.1	413.7	376.8	372.2	380.5	355.3	286.4
For manufacturing		192.4	216.8	238.2	292.7	357.4	429.4	387.2	381.9	390.1	360.5	281.0
For construction	1120	151.1	170.6	185.7	207.0	237.6	261.8	270.3	270.6	278.7	285.8	287.8
Fuel	122 6	271.5	372.1	426.8	507.6	615.0	751.2	886.1	931.5	931.3	909.6	817.3
Manufacturing industries	116.9	252.1	384.6	446.2	549.6	690.5	864.9	1.034.8	1,094.5	1,092.2	1,063.2	942.6
Nonmanufacturing industries	130.2	297.2	370.9	421.1	485.0	567.0	674.0	782.2	816.3	818.1	802.1	731.8
Intermediate materials, sup-	130.2	201.2	370,8	421.1	400.0	367.0	0/4.0	102.2	010.3	010.1	802.1	/31.0
								****	****	****	****	
piles, components	109.9	180.0	201.5	215.6	243.2	280.3	306.0	310.4	312.3	320.0	318.7	307.6
Materials and components for		4707		200 7		205.7		200.0	000 4	204.0	200 5	1000
manufacturing	110.0	178.7	195.4	208.7	234.4	265.7	286.1	289.8	293.4	301.8	299.5	296.1
Materials for—												
Food manufacturing	112.9	209.4	183.4	206.5	229.4	264.4	260.4	255.1	258.4	271.1	258.8	250.9
Nondurable manufacturing.		174.7	190.0	196.7	222.8	259.5	285.8	284.4	280.0	290.5	285.9	279.2
Durable manufacturing	114.7	188.4	217.6	236.2	270.6	301.0	312.1	310.1	319.4	325.1	320.2	313.8
Components for manufactur-			400 40		44-4			2000			120.0	1000
ing	111.1	158.3	176.8	189.6	207.5	231.8	259.3	273.9	280.4	287.5	291.5	294.4
Materials and components for		105.7		4.00				42.2	0.000	2724	10000	
construction		176.4	203.4	224.7	247.4	268.3	287.6	293.7	301.8	310.3	315.2	317.5
Processed fuels, lubricants		233.0	282.5	295.3	364.8	503.0	595.4	591.7	564.8	566.2	548.9	430.3
Containers		171.4	188.3	202.8	226.8	254.5	276.1	285.6	286.6	302.3	311.2	315.1
Supplies	108.0	168.1	188.7	198.5	218.2	244.5	263.8	272.1	277.1	283.4	284.2	287.3
For manufacturing industries	110.0	157.9	177.0	189.3	207.5	231.9	253.1	265.8	269.9	279.0	285.2	287.8
For nonmanuf, industries	107.2	173.4	194.8	203,3	223.8	251.1	269,6	275.7	281.1	285.9	284.0	287.3
Finished goods	110.3	163.4	181.7	195.9	217.7	247.0	269.8	280.7	285.2	291.1	293.7	289.6
Consumer goods	109.9	163.6	180.7	194.9	217.9	248.9	271.3	281.0	284.6	290.3	291.8	284.9
Foods	113.5	181.0	189.9	207.2	226.2	239.5	253.6	259.3	261.8	273.3	271.2	278.0
Crude foods	116.3	181.2	201.0	216.8	233.1	237.2	263.8	252.7	258.7	281.6	260.0	265.6
Processed foods	113.1	181.3	187.3	204.6	223.8	237.8	250.6	257.7	260.0	270.3	270.0	276.7
Other nondurable goods	108.3	163.0	189.3	200.0	231,3	283.9	319.6	333.6	335.3	337.3	339.3	311.1
Durable goods	106.9	138.2	152.8	166.9	183.2	206.2	218.6	226.7	233.1	236.8	241.5	246.9
Capital equipment	112.0	162.5	184.6	199.2	216.5	239.8	264.3	279.4	287.2	294.0	300.5	306.5
ANNUAL PERCENT CHANGE 1	1				1773		100	1	10-21		1200	1
Crude materials for further					1.		1.5	100	10.00	10.00		100
processing	3.6	A	3.2	12.0	17.0	11.0	8.0	-2.9	1.3	2.2	-7.5	-8.5
Foodstuffs and feedstuffs	2.5	1.3	1.0	12.5	14.7	4.6	7	-3.7	1.8	2.9	-9.4	-1.9
Fuel	15.0	23.7	21.9	14.7	18.9	21.2	22.1	18.0	5.1	7.0	-2.3	-10.1
Intermediate materials, sup-	10.0	20.7	- 114	1.4.0	10.0		-	10.0		7		10.
piles, components	3.9	10.5	6.6	7.0	12.8	15.3	9.2	1.4	.6	2.5	4	-3.5
Materials and components for-	-	1	1	167	1	100	100			100		-
Manufacturing	4.0	10.2	5.4	6.8	12.3	13.4	7.7	1.3	1.2	2.9	8	-1.1
Construction		9.2	8.0	10.5	10.1	8.4	7.2	2.1	2.8	2.8	1.6	.7
Processed fuels, lubricants	6.6	17.0	13.0	4.5	23.5	37.9	18.4	6	-4.5	.2	-3.1	-21.6
Finished goods	3.5	10.8	6.5	7.8	11.1	13.5	9.2	4.0	1.6	2.1	.9	-1.4
Consumer goods	3.1	9.6	6.5	7.9	11.8	14.2	9.0	3.6	1.3	2.0	.5	-2.4
Capital equipment		15.2	6.5	7.9	8.7	10.8	10.2	5.7	2.8	2.4	2.2	2.0
	4.0	10.2	0.0	1.00	0.1	10.0	10.2	0.7	2.0	5.4	2.4	2.0

Represents or rounds to zero. 
<sup>1</sup> For 1970, base year is 1989; thereafter change from immediate prior year.
 Source: U.S. Bureau of Labor Statistics, *Producer Price Indiana*, monthly and annual.

#### No. 735. PRODUCER PRICE INDEXES-MAJOR COMMODITY GROUPS: 1950 TO 1986

[1967 = 100. Prior to 1961, excludes Alaska and Hawell. See text, section 15. See also Historical Statistics, Colonial Times to 1970, series E 23 and 24]

	A	Farm	Proc-		STRIAL IODITIES		All	Ferm	Proc-		STRIAL IODITIES
YEAR	com- modities	prod- ucts	foods and feeds	Total	Energy <sup>1</sup>	YEAR	modities	prod- ucts	foods and feeds	Total	Energy 1
1900	81.8 91.1 86.8 87.4 87.6 87.8 90.7 93.3 94.6 94.8 94.9 94.5 94.5	106.7 124.2 117.2 108.2 104.7 96.9 99.5 103.9 97.5 97.2 98.3 98.0 94.6	83.4 92.7 91.6 87.4 86.9 85.0 64.9 87.4 91.8 89.5 91.0 91.9 92.5	78.0 86.1 64.1 64.8 85.0 86.9 90.8 93.3 93.8 95.3 94.8 94.7 95.2	87.1 90.3 90.1 92.6 91.3 91.2 94.0 99.1 95.3 96.3 96.3 96.3 96.3 96.3	1909 1970 1971 1971 1972 1973 1974 1975 1978 1977 1978 1979 1980 1991 1980 1982	110.4 114.0 119.1 134.7 160.1 174.9 183.0 194.2 209.3 235.6 288.8 293.4 299.3 303.1	109.1 111.0 112.9 125.0 176.3 187.7 186.7 191.0 192.5 241.4 249.4 254.9 242.4	107.3 112.1 114.5 120.8 148.1 170.9 162.6 178.0 186.1 202.5 241.2 248.7 255.9	106.0 111.0 114.1 117.9 125.9 153.8 171.5 182.4 195.1 209.4 236.5 274.8 304.1 312.3 315.7	100.9 108.2 115.2 118.6 134.3 208.3 245.1 265.6 302.2 408.1 574.0 694.5 693.2
1966 1967 1968	98.6 99.8 100.0 102.5	96.7 106.9 100.0 102.5	95.5 101.2 100.0 102.2	96.4 96.5 100.0 102.5	96.5 97.8 100.0 96.9	1964 1965 1966		255.8 230.5 224.7	265.0 260.4 265.1	322.6 323.8 312.1	656.8 633.6 463.5

Fuels, related products, and power.
 Source: U.S. Bureau of Labor Statistics, *Producer Price Indexes*, monthly and annual.

#### No. 730. PRODUCER PRICE INDEXES, FOR SELECTED COMMODITIES: 1970 TO 1986

[1967 = 100, except as noted. See text, section 15, and Historical Statistics, Colonial Times to 1970, series E 23-29]

COMMODITY GROUP	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
All commodities 1	110,4	174.9	209.3	235.6	268.8	293.4	299.3	303.1	310.3	308.7	299.8
Farm products and processed	1	1.63		25.0			200	70	40.00	-	
Farm products and processed toods and feeds Farm products 1 Fresh and dried fruits, vegetables. Grains Livestock Live poultry. Plant and animal fibers. Fluid milk	111.7	184.2	206.6	229.8	244.7	251.5	248.9	253.9	262.4	250.5	252.0
Farm products	111.0	186.7	212.5	241.4	249.4	254.9	242.4	248.2	255.8	230.5	224.7
resh and dned fruits, vegetables	111.6	183.7	216.5	229.0	238.6 239.0	267.3	253.7	262.1	278.1	260.5 202.8	
Grains	98.8	223.9	182.5	214.8	252.7	248.4	210.9 257.8	243.1	239.7 251.8	229.9	
Live noutte	110.7	189.8	199.8	194.3	202.1	201.2	191.9	206.5	240.6	226.2	
Plant and animal fibors	99.5	153.1	193.4	209.9	271.1	242.0	202.9	227.0	228.4	197.8	
Fluid milk	1153	180.2	219.7	250.1	271.2	287.4	282.5	282.0	278.3	264.6	
Foos	126.8	159.8	158.6	176.5	171.0	187.1	178.7	(NA)	210.8	171.0	
Eggs Hay, hayseeds, and oilseeds	99.4	200.2	215.8	244.3	247.1	274.1	212.8	246.8	256.3	206.0	
inj, najaosos, and onsessa			1000	100	No. of the Co.	1 100	100000	Colonial approx	100000000000000000000000000000000000000	maria de la Caración	1000
Processed foods and feeds 1	112.1	182.6	202.6	222.5	241.2	248.7	251.5	255.9	265.0	260.4	265.1
Meets and bakery products	107.7	178.0	190.3	210.3	236.0	255.5	253.8 257.6	261.0 249.0	270.5 254.4	279.9 247.0	281.8
Meats, poultry, and tish	115.8	191.0	217.1 188.4	242.0	243.1	246.2 245.6	248.9	250.6	251.7	249.4	
Drocesed faute and vacciables	1111.2	169.8	202.6	221.9	228.7	261.2	274.5	277.4	294.3	296.3	287.9
Super and confectioners	115.0	254.3	197.8	214.7	322.5	275.9	269.7	292.8	301.2	291.0	295.7
Devorage and bounces meterials	1120	162.4	200.0	210.7	233.0	248.0	256.9	263.6	273.1	276.6	294.3
Animal fats and oils	140.4	341.8	291.2	320.6	279.2	299.1	303.0	306.1	389.2	323.8	253.6
Crude vegetable oils	121.0	208.1	219.2	243.7	202.8	185.4	159.6	194.2	262.2	219.6	135.8
Shortening and cooking oils	111.9	211.5	209.4	223.5	233.2	238.0	234.4	254.7	311.6	290.6	242.4
Miscellaneous processed foods	113.1	178.4	199.0	216.5	227.2	250.1	248.6	254.8	278.0	283.6	288.6
Hay, hayseeds, and oilseeds.  Processed foods and feeds  Cereal and bakery products Meats, poultry, and fish Dairy products Processed fruits and vegetables Sugar and confectionery. Beverages and beverage materials Animal tats and oils. Crude vegetable oils Shortening and cooking oils. Miscellaneous processed foods Prepared animal feeds.	103.7	172.1	197.4	219.4	226.8	230.2	211.3	228.8	220.5	190.3	200.0
to the state of th			Proposition (	Annual Control	12.27	200	NO. 10.77	100000	Minter and and	100000	40000
Industrial commodities Textile products and apparel <sup>3</sup> Synthetic fibers <sup>2</sup> Processed yarns, threads <sup>3</sup> Gray [abrics <sup>2</sup>	110.0	171.5	209.4 159.8	236.5	274.8 183.5	304.1	312.3	315.7 205.1	322.6	323.8	
Textile products and apparer	107.1	137.9	109.6	119.0			162.1	156.7	159.6	154.8	
Processed warms, threads \$		15-0	102.4	109.2	134.7	156.3	138.3	138.5	142.8	141,1	
Gray fabrice 2	" (NA)	(NA)	118.6	127.1	138.1	146.8	145.3	147.0	153.7	151.7	150.7
Gray fabrics 2	-	100	103.8	107.4	115.7	125.2	124.6	123.1	126.7	126.3	126.4
Annaral	110.8	133.4	152.4	160.4	1724	186.0	194.4	197.4	201.3	204.1	206.5
Apparel Textile housefurnishings	103.5	151.9	178.6	190.4	206.9	226.7	238.5	235.1	238.9	240.0	240.4
tokare nouseron marin igo amananan marin		101.0	110.0	100.4	200.0	220.1	200.0	200.1	200.0	2.00	-
Hides, skins, leather, related		Vision I	2.22	150.5		16.0				100.0	1000
products '	. 110.3	148.5	200.0	252.4	248.9	260.9	262.6	271.1	286.3	286.1	296.7
Hides, skins, leather, related products 1	106.6	181.5	390.1	593.8	366.8	366.3	350.7	385.1	504.4	442.1	518.0
Leather	- 107.7	151.5	238.6	356.7	310.6	319.8	311.4	330,7	3/2.3	353.1	383.9
Footwear	113.3	147.8	183.0	218.0	233.1	240.9	245.0	250.1	251.7	256.7	261.8
Fuels, related products, power	106.2	245.1	322.5	408.1	574.0	694.5	693.2	664.7	656.8	633.6	483.5
Coal	150.3	385.8	430.0	450.9	467.3	497.2	534.7	537,4	546.5	546.7	538.8
Coke oven products	127.4	330.8	411.8	429.2	430.6	456.4	461.7	444,6	436.4	430.4	407.3
Gas fuels	103.6	216.7	428.7	544.1	760.7	939.4	1,060.8	1,146.9	1,109.0	1,047.0	
Electric power	105.9	193.4	250.6	270.2	321.6	367.2	406.5	417.9	439.9	453.6	
Crude petroleum, domestic	106.1	245.7	300.1	376.5	556.4	803.5	733.4	681.4	669.8	619.4	
Coal Coal Coal Coal Coal Coal Coal Coal	101.0	257.5	321.0	444.8	674.7	805.9	761.2	684.3	665.1	633.1	405.3
Chemicals and allied products 1	102.2	181.3	198.8	222.3	260.3	287.6	292.3	293.0	300.8	303.2	299.7
Industrial chemicals	100.9	206.9	225.6	264.0	324.0	363.3	352.6	342.9	341.3	338.3	
Prepared paint	112.4	166.9	192.3	204.4	235.3	249.8	262.8	264.7	272.5	276.8	281.2
Paint materials	101.4	177.2	212.7	241.2	273.9	300.1	304.6	305.8	329.7	333.7	318.0
Drugs and pharmaceuticals	101.2	126.6	148.1	159.4	174.5	193.5	210.1	226.1	240.0	256.3	272.9
Fats and oils, inedible	132.8	255.2	315.8	376.6	298.0	295.6	267.1	285.6	371.4	295.3	
Agricultural chemicals and products	88.5	203.6	198.4	214.4	257.1	285.0	292.4	280.5	284.8	281.3	275.8
		180.9	199.8	235.9	279.2	289.2	283.4	291.5	308.6	304.7	296.0
Rubber and plastic products 1	108.3	150.2	174.8	194.3	217.4	232.6	241.4	243.2	246.8	245.9	246.1
Crude rubber	101.6	145.6	187.2	221.4	264.3	281.8	278.9	280.8	276.8	270.5	254.8
Tires and tubes	109.0	148.5	179.2	205.9	236.9	250.6	255.2	245.3	242.1	237.4	
Tires and tubes	113.3	155.9	189.6	206.4	226.6	251.4	276.9	284.8	290.6	294.4	300.2
Plastic construction products a	97.2	123.9	136.4	147.5	154.2	154.8	148.5	163.6	171.5	161.2	158.9
Laminated plastic sheets 4	(NA)	124.6	146.4	158.8	173.7	188.8	186.2	179,3	187.0	188.3	188.2
Lumber and wood products 1		176.9	276.0	300.4	288.9	292.8	284.7	307.1	307.4	303.6	305.3
Lumber	1127	192.5	322.4	354.3	325.8	325.1	310.8	352.6	349.8	340.5	343.4
Millwork	1160	160.4	235.4	254.3	260.4	273.4	279.4	302.3	307.8	312.1	317.4
Plywood	108 4	161.2	235.6	250.5	246.5	245.7	232.1	244.1	241.6	231.3	235.3
Other wood products	1173	161.9	211.8	235.4	249.2	239.1	236.2	230.6	234.5	236.5	238.2
		10000	-0.00	40.00	- TO TO TO	1000	1000000	V 73	The second second	100000	59597
Pulp, paper, and allied products 1	108.2	170.4	195.6	219.0	249.2	273.8	288.7	298.1	318.5	327.2	335.3
Pulp, paper, and products, except building paper and board Woodpulp	100 5	1740	105.0	222.0	250.0	220.0	070.0	274 4	293.3	292.0	204.5
Woodenda paper and board	108.5	171.9	195.6	220.2	250.6	270.8	273.2	271.4			294.0
Washington	109.6	283.4	266.5	314.3	380.3	397.1	379.0	346.9	397.2	346,6	
Wastepaper	125.0	110.2	191.2	206.6	208.7	175.7	121.1	(NA) 282.0	240.1	148.8	172.8
F MARKET	101.0	172.9	179.6	229.6	256.8	279.8 258.1	286.3 254.9	250.9	302.9 281.5	303.4 274.6	306.3
Danathoard		11/0.3	11/9.5	202.1	234.0	250.1	204.9	250.9	201,5	2/4.0	272.3
			10000	14.400	1000		75.			1000	
Paper Paperboard Converted paper and paperboard products Building paper and board		161.8	186.5	209.9	238.5	258.8	264.4	265,3	281.2	288.0	289.3

See footnotes at and of table.

No. 730. PRODUCER PRICE INDEXES, FOR SELECTED COMMODITIES: 1970 TO 1986—Continued
[1997 - 100, except as noted. See headnote, p. 448]

COMMODITY GROUP	1970	1975	1978	1979	1980	1981	1982	1983	1984	1965	1986
Metals and metal products	116.6	185.6	227.1	259.3	286.4	300.4	301.6	307.2	316.1	314.9	311.
Iron and steel		200.9	253.6	283.5	305.2	333.8	339.0	343.4	356.9	355.3	343 (
Steel mill products		197.2	254.5	280.4	302.7	337.6	349.5	352.8	366.0	366.1	348.6
Nonferrous metals		171.6	207.8	216.7	305.0	285.8	263.6	276.1	277.1	262.5	259.7
Metal containers		192.1	243.4	269.2	298.6	315.6	328.5	335.4	350.0	358.1	362
Hardware		163.0	200.4	218.7	240.5	263.2	280.3	290.7	296.9	305.8	306.6
Plumbing fixtures, brass fittings		162.3	199.1	217.1	246.7	267.5	278.7	289.3	302.7	311.8	322
Heating equipment		150.7	174.4	187.1	206.7	224.2	237.2	243.6	252.9	259.6	268.
Fabricated structural metal products		189.0	226.4	248.9	270.5	295.5	304.8	303.5	310.7	314.6	315.9
Miscellaneous metal products		181.1	212.0	231.4	250.5	270.5	282.3	283.6	295.3	302.3	302.
Machinery and equipment 1	1114	161.4	196.1	213.9	239.8	263.3	278.8	286.4	293.1	298.9	303.
Agricultural	1132	168.6	213.1	232.1	259.2	288.3	311.1	326.3	336.1	338.2	339.6
Construction	115.9	185.2	232.9	256.2	289.4	320.8	343.9	351.9	357.0	362.6	367.0
Metalworking		171.6	217.8	241.3	274.4	301.3	320.9	326.5	334.0	341.9	348.0
General purpose		178.5	216.6	236.4	264.6	288.7	304.0	308.2	314.1	321.3	325.6
Special industry		175.0	223.0	247.0	275.8	307.9	325.1	337.1	348.7	360.3	371.3
Electrical	106.4	140.7	164.9	178.9	201.7	220.2	231.6	240.1	248.7	253.8	257.
Miscellaneous	112.8	162.3	194.7	208.9	229.9	252.6	268.4	274.1	274.4	277.2	279.
Furniture and household durables 1	107 5	139.7	160.4	171.3	187.7	198.5	206.9	214.0	218.7	221.6	223.
Household furniture		146.3	173.5	186.3	204.8	219.2	229.8	234.7	242.1	249.3	253.
Commercial furniture		166.7	201.5	221.8	236.0	257.5	275.5	286.3	297.1	308.3	317.
Floor coverings		124.9	141.6	147.9	163.0	178.7	181.2	185.4	191.2	191.3	195.6
Household appliances		132.3	153.0	160.9	174.2	187.3	199.1	206.9	211.0	212.4	210.
Home electronic equipment		93.5	90.2	91.1	91.4	89.2	88.1	86.1	83.8	80.0	79.
Nonmetallic mineral products 1	1120	174.0	222.8	248.6	283.0	309.5	320.2	325.2	337.3	347.8	352.
Flat glass		139.2	172.8	183.9	196.5	212.6	221.5	229.7	224.5	225.2	231.3
Concrete ingredients	1126	172.3	217.7	244.0	274.0	296.3	310.0	313.3	325.7	336.2	338.
Concrete products		170.5	214.0	244.1	273.9	291.2	297.8	302.0	309.6	320.1	325
Clay construction products, exc. refractories		151.2	197.2	217.9	231.5	249.8	260.8	277.8	286.8	295.9	308
Refractories		166.0	216.5	236.5	264.6	302.4	337.1	341.3	361.2	369.8	371
Asphalt felts and coatings		225.9	292.0	325.3	396.8	407.5	398.4	384.0	399.5	408.7	389
Gypsum products		144.0	229.1	252.3	256.3	256.2	256.1	286.0	346.7	338.8	350.
Glass containers	120.4	179.7	244.4	261.1	292.7	328.7	355.5	352.4	360.7	379.8	398.
Transportation equipment <sup>3 8</sup>	104.6	141.5	173.5	188.1	207.0	235.4	249.7	256.7	262.7	269.5	276
Motor vehicles and equipment	108 7	144.6	176.0	190.5	208.8	237.6	251.3	256.8	261.5	267.3	274
Motor vehicles		137.5	167.7	181.6	197.7	216.6	227.1	232.5	237.8	244.8	253
Railroad equipment		201.2	252.8	277.3	313.1	336.1	346.5	350.2	355.5	363.3	365.
Miscellaneous products 1	109.9	147.7	184.3	208.7	258.8	265.7	276.4	289.6	295.9	302.3	308
Toys, sporting goods, small arms, etc		146.0	163.2	176.2	198.6	211.9	221.5	225.2	227.1	231.5	235.
Tobacco products		149.6	198.5	217.8	245.7	268.3	323.1	365.4	398.4	428.1	460
Notions		151.0	182.0	191.8	217.2	259.8	277.0	280.1	283.2	285.1	287
Photographic equipment and supplies		130.6	145.7	153.7	202.9	210.0	210.4	215.7	214.6	215.8	219

NA Not available. 
<sup>1</sup> Includes other product groups, not shown separately. 
<sup>2</sup> Dec. 1975=100. 
<sup>3</sup> Dec. 1989=100. 
Source: U.S. Bureau of Labor Statistics, *Producer Price Indiana*, monthly and annual.

# No. 737. PRODUCER PRICE INDEXES—ANNUAL PERCENT CHANGE IN SELECTED MAJOR COMMODITY GROUPS: 1974 TO 1986

[Minus sign (-) indicates decrease]

COMMODITY GROUP	1974 1	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
All commodities	18.9	9.2	4.6	6.1	7.8	12.6	14.1	9.2	2.0	1.3	2.4	5	-2.9
Farm products	6.5	5	2.3	.8	10.4	13.6	3.3	2.2	-4.9	2.4	3.1	-9.9	-2.5
Processed foods, feeds	15,4	6.8	-2.5	4.6	8.9	9.8	8.4	3.1	1.1	1.7	3.6	-1.7	1.8
Textile products, apparel	12.4	9	7.5	3.9	3.8	5.6	8.8	8.8	2.5	.2	2.4	.2	.3
Hides, skins, leather, related		" Policy	1000	1.90	100	14.90	12.33	100	127	1.00	1130		100
products	1.4	2.3	13.0	6.9	11.5	26.2	-1.4	4.8	.7	3.2	5.6	1	3.7
Fuels, related products, power	55.1	17.7	8.4	13.8	6.7	26.5	40.7	21.0	-2	-4.1	-1.2	-3.5	-23.7
Chemicals and allied products	33.5	23.5	3.3	3.0	3.1	11.8	17.1	10.5	1.6	2	2.7	.8	-1.2
Rubber and plastic products	21.2	10.3	6.0	5.3	4.3	11.2	11.9	7.0	3.8	.7	1.5	4	- ,1
Lumber and wood products	3.6	-3.6	16.2	14.9	16.8	8.8	-3.8	1.3	-2.8	7.9	.1	-1.2	.6
Pulp, paper, and allied products	24.2	12.3	5.3	3.9	4.9	12.0	13.8	9.9	5.4	3.3	6.8	2.7	2.5
Metals and metal products	29.4	8.0	5.5	6.7	8.7	14.2	10.5	4.9	4	1.9	2.9	4	-1.1
Machinery and equipment	14.5	15.8	5.9	6.3	7.9	9.1	12.1	9.8	5.9	2.7	2.3	2.0	1.5
Furniture and household	14,0	10,0	-	0.0	7.00	-	1841	0,0	0.0	~	~		1.0
durables	11.0	9.2	4.2	4.1	5.9	6.8	9.6	5.8	4.2	3.4	2.2	1.3	1.0
Nonmetallic mineral products	17.7	13.6	7.1	7.6	11.1	11.6	13.8	9.4	3.5	1.6	3.7	3.1	1.2
Transportation equipment	9.0	12.7	6.8	6.8	7.6	8.4	10.0	13.7	9.8	2.8	2.3	2.6	2.5

<sup>&</sup>lt;sup>1</sup> Change from 1973.

Source: U.S. Bureau of Labor Statistics, Producer Price Indexes, monthly and annual.

#### No. 738. Consumer PRICE INDEXES, BY MAJOR GROUPS: 1950 TO 1986

[1967 – 190. Annual averages of monthly figures, except as indicated. Prior to 1965, excludes Alaska and Hewali. Through 1977 represents buying patterns of wage earners and clerical workers, beginning 1978, reflects buying patterns of all urban consumers in the 1970's. See text, section 15 for details regarding other periods. See also Historical Statistics, Colonial Times to 1970, series E 135-173]

	All	FC	000	SHE	LTER	Fuel	Gas	Ap- parel		SPOR-	Medi-	All	All
YEAR	items	Total	from home	Total	Rent, resi- dential	and coal 1	and elec- tricity	and up- keep	Pri- vate	Pub-	cal	mod- ities	services
1950	72.1	74.5	(NA)	(NA)	70.4	72.7	81.2	79.0	72.5	48.9	53.7	78.8	58.7
1051	77.8	82.8			73.2	76.5	81.5	86.1	75.8		56.3	85.9	61.8
1951			(NA)	(NA)						54.0			
1952	79.5	84.3	(NA)	(NA)	76.2	78.0	82.6	85.3	80.8	57.5	59.3	87.0	64.
1953	80.1	83.0	68.9	76.5	80.3	81.5	84.2	84.6	82.4	61.3	61.4	86.7	67.3
1954	80.5	82.8	70.1	78.2	83.2	81.2	85.3	84.5	80.3	65.5	63.4	85.9	69.5
1955	80.2	81.6	70.8	79.1	84.3	82.3	87.5	84.1	78.9	67.4	64.8	85.1	70.
1956	81.4	82.2	72.2	80.4	85.9	85.9	88.4	85.8	80.1	70.0	67.2	85.9	72.
1957	84.3	84.9	74.9	83.4	87.5	90.3	89.3	87.3	84.7	72.7	69.9	88.6	75.6
1058	86.6	88.5	77.2	85.1	89.1	88.7	92.4	87.5	87.4	76.1	73.2	90.6	78.5
1958													
1959	87.3	87.1	79.3	86.0	90.4	89.8	94.7	88.2	91.1	78.3	76.4	90.7	80.8
1960	88.7	88.0	81.4	87.8	91.7	89.2	98.6	89.6	90.6	81.0	79.1	91.5	83.5
1961	89.6	89.1	83.2	88.5	92.9	91.0	99.4	90.4	91.3	84.6	81.4	92.0	85.2
1962	90.6	89.9	85.4	89.6	94.0	91.5	99.4	90.9	93.0	87.4	83.5	92.8	86.6
1963	91.7	91.2	87.3	90.7	95.0	93.2	99.4	91.9	93.4	88.5	85.6	93.6	88.5
1964	92.9	92.4	88.9	92.2	95.9	92.7	99.4	92.7	94.7	90.1	87.3	94.6	90.
2.3.3		1000	1000		1	0.00	3 - 3 - 4	156.3	1	12.00	1000000	100	11321
1965	94.5	94.4	90.9	93,8	96.9	94.6	99.4	93.7	96.3	91.9	89.5	95.7	92.2
1966	97.2	99.1	95.1	96.8	98.2	97.0	99,6	96.1	97.5	95.2	93.4	98.2	95.8
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	104.2	103.6	105.2	104.8	102.4	103.1	100.9	105.4	103.0	104.6	106.1	103,7	105.2
1969	109.8	108.9	111.6	113.3	105.7	105.6	102.8	111.5	106.5	112.7	113.4	108.4	1125
1970	116.3	114.9	119.9	123.6	110.1	110.1	107.3	116.1	111.1	128.5	120.6	113.5	121.6
1971	121.3	118.4	126.1	128.8	115.2	117.5	114.7	119.8	116.6	137.7	128.4	117.4	128.
1972	125.3	123.5	131.1	134.5	119.2	118.5	120.5	122.3	117.5	143.4	132.5	120.9	133
1972													
1973	133.1	141.4	141.4	140.7	124.3	136.0	126.4	126.8	121.5	144.8	137.7	129.9	139.
1974	147.7	161.7	159.4	154,4	130.6	214.6	145.8	136.2	136.6	148.0	150.5	145.5	152.
1975	161.2	175.4	174.3	169.7	137.3	235.3	169.6	142.3	149.8	158.6	168.6	158.4	166.6
1976	170.5	180.8	186.1	179.0	144.7	250.8	189.0	147.6	164.6	174.2	184.7	165.2	180
1077	181.5	192.2	200.3	191.1	153.5	283.4	213.4	154.2	176.6	182.4	202.4	174.7	194.
1977													
1978	195.4	211.4	218.4	210.4	164.0	298.3	232.6	159.6	185.0	187.8	219.4	187.1	210.1
1979	217.4	234.5	242.9	239.7	176.0	403.1	257.8	166.6	212.3	200.3	239.7	208.4	234.
1980		254.6	267.0	281.7	191.6	556.0	301.8	178.4	249.2	251.6	265.9	233.9	270.
1981		274.6	291.0	314.7	208.2	675.9	345.9	186.9	277.5	312.0	294.5	253.6	305.
1982	289.1	285.7	306.5	337.0	224.0	667.9	393.8	191.8	287.5	346.0	328.7	263.8	333.
1983	298.4	291.7	319.9	344.8	236.9	628.0	428.7	196.5	293.9	362.6	357.3	271.5	344.
1984	311.1	302.9	333.4	361.7	249.3	641.8	445.2	200.2	306.6	385.2	379.5	280.7	363.
1985	322.2	309.8	346.6	382.0	264.6	619.5	452.7	206.0	314.2	402.8	403.1	286.7	381.5
	328.4	319.7	360.1	402.9	280.0			207.8	299.5		433.5	283.9	
1986	328,4	319./	300.1	402.9	200.0	501.5	446.7	207.8	289.5	426.4	933.5	203.9	400.5

NA Not available. Includes bottled gas.

Source: U.S. Bureau of Labor Statistics, Monthly Labor Review and Handbook of Labor Statistics, periodic.

#### No. 739. CONSUMER PRICE INDEXES-ANNUAL PERCENT CHANGE IN MAJOR GROUPS: 1973 TO 1986 [See headnote, table 738. See also table 740 for base figures. Minus sign (-) indicates decrease]

ITEM	1973 1	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
All items	6.2	11.0	9.1	5.8	6.5	7.7	11.3	13.5	10.4	6,1	3.2	4.3	3.6	1.9
Food	14.5	14.4	8.5	3.1	6.3	10.0	10.9	8.6	7.9	4.0	2.1	3.8	2.3	3.2
Shelter, total	4.6	9.7	9.9	5.5	6.8	10.1	13.9	17.5	11.7	7.1	2.3	4.9	5.6	5.5
Rent, residential	4.3	5.1	5.1	5.4	6.1	6.8	7.3	8.9	8.7	7.6	5.8	5.2	6.1	5.8
Fuel oil and coal 2	14.8	57.8	9.6	6.6	13.0	5.3	35.1	37.9	21.6	-1.2	-6.0	2.2	-3.5	-19.0
Gas and electricity	4.9	15.3	16.3	11.4	12.9	9.0	10.8	17.1	14.6	13.8	8.9	3.8	1.7	-1.3
Apparel and upkeep	3.7	7.4	4.5	3.7	4.5	3.5	4.4	7.1	4.8	2.6	2.5	1.9	2.9	.9
Private transportation	3.4	12.4	9.7	9.9	7.3	4.8	14.8	17.4	11.4	3.6	2.2	4.3	2.5	-4.7
Automobiles, new	.1	5.8	8.6	6.3	5.3	7.6	7.9	8.0	6.1	3.9	2.5	2.9	3.2	4.3
Gasoline	9.8	35.4	6.8	4.2	5.8	4.3	35.3	39.0	11.3	-5.3	-3.3	-1.6	.8	-21.5
repair	5.3	10.3	12.6	7.4	7.4	8.3	10.0	10.6	9.4	7.6	4.5	3.5	2.9	3.3
Public transportation	1.0	2.2	7.2	9.8	4.7	3.0	6.7	25.6	24.0	10.9	4.8	6.2	4.6	5.9
Medical care	3.9	9.3	12.0	9.5	9.6	8.4	9.3	10.9	10.8	11.6	8.7	6.2	6.2	7.5
Entertainment	2.8	7.5	8.9	5.0	4.9	5.3	6.7	8.9	7.8	6.5	4.3	3.7	3.9	3.4
All services	4.4	9.3	9.5	8.3	7.7	8.5	11.0	15.4	13.1	9.0	3.5	5.2	5.1	5.0
All commodities	7.4	12.0	8.9	4.3	5.8	7.1	11.4	12.2	8.4	4.0	2.9	3.4	2.1	-1.0

<sup>1</sup> Change from 1972. 8 Includes bottled gas.

Source: U.S. Bureau of Labor Statistics, Monthly Labor Review.

No. 740. CONSUMER PRICE INDEXES FOR SELECTED ITEMS AND GROUPS: 1970 TO 1986

[1967=100 except as noted. Annual averages of monthly figures. See headnote, table 738]

COMMODITY	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
All Items	116.3	161.2	195.4	217.4	246.8	272.4	289.1	298.4	311.1	322.2	328.
nd and heverages	1147	172.1	206.3	228.5	248.0	267.3	278.2	284.4	295.1	302.0	311.6
ood	114.9	175.4	211.4	234.5	254.6	274.6	285.7	291.7	302.9	309.8	319.
Food at home	113.7	175.8	210.2	232.9	251.5	269.9	279.2	282.2	292.6	296.8	305.3
Cereals and bakery products	108.9	184.8	199.9	220.1	246.4	271.1	283.4	292.5	305.3	317.0	325.8
Meats, poultry, fish, eggs	117.3	176.4	204.3	234.2	242.2	252.8	262.1	261.0	266.6	263.4	275.
Dairy products	111.8	156.6	185.6	207.1	227.4	243.6	247.0	250.0	253.2	258.0	258.4
Fruits and vegetables	113.4	171.0	212.9	230.0	246.7	276.3	291.4	292.2	317.4	325.7	328.7
Sugar and sweets	115.1	246.2	257.5	277.6	341.3	368.3	367.5	374.4	389.1	398.8	411.1
Fats and oils	105.8	198.6	209.6	226.3	241.2	267.1	259.6	263.1	288.0	294.4	287.8
Nonalcoholic beverages	117.4	178.9	340.8	357.8	395.8	412.6	424.2	432.2	443.0	451.7	478.2
Other prepared toods	109.4	163.0 174.3	189.4	208.5	231.1	254.9	268.1	276.5 319.9	284.9 333.4	294.2 346.6	301.9
od and beverages cod. Food at home Cereals and bakery products. Meats, poultry, fish, eggs Dairy products. Fruits and vegetables. Sugar and vegetables. Sugar and oils Nonatcoholic beverages. Other prepared foods. Food away from home Ucoholic beverages.	112.3	142.1	159.8	172.4	267.0 186.3	291.0 199.5	306.5 208.5	216.5	222.1	229.5	360.1 239.7
shelter	118.2	164.5	202.8	227.6	263.3	293.5	314.7	323.1	336.5	349.9	360.2
shelter	123.6	169.7	210.4	239.7	281.7	314.7	337.0	344.8	361.7	382.0	402.9
Renter's costs 1	(NA)	(NA) 137.3	(NA) 164.0	(NA) 176.0	(NA) 191.6	(NA)	(NA) 224.0	103.0	108.6	115.4	121.5
Hent	110.1	137.3	164.0	176.0	191.6	208.2	224.0	236.9	249.3	264.6	280.0
Maintenance and renairs	124 0	187.6	233.0	256.4	285.7	314.4	334.1	346.3	359.2	368.9	373.8
Homeowners' costs 1	(NA) 107.6	(NA) 167.8	(NA) 216.0	(NA)	(NA) 278.6	(NA) 319.2	(NA) 350.8	102.5	107.3	113.1	119.4
uel and other utilities	107.6			239.3				370.3	387.3	393.6	384.7
Fuel oil, coal, and bottled gas	110.1	235.3	298.3	403.1	556.0	675.9	667.9	628.0	641.8	619.5	501.5
Fuel oil	109.3	230.6	296.9	416.8	579.7	709.2	693.9	637.7	651.0	625.0	489.6
Gas (piped) and electricity	107.3	169.6	232.6	257.8	301.8	345.9	393.8	428.7	445.2	452.7	446.7
lousehold furnishings and	106.2	167.0	203.4	219.1	253.4	291.5	320.3	330.6	351.8	364.1	369.0
operation *	111.5	151.0	177.7	190.3	205.4	221.3	233.2	238.5	242.5	247.2	250.4
Housefurnishings	109.3	137.4	154.3	163.1	174.2	185.2	193.8	197.5	199.1	200.1	201.
narel and unkeen I	116.1	142.3	159.6	166.6	178.4	186.9	191.8	196.5	200.2	206.0	207.
innaral commodities	116.5	141.2	155.7	161.1	171.1	177.7	181.0	184.5	187.0	191.6	192.0
Apparel commodities 4	116.3	140.6	154.2	158.5	167.8	174.0	177.0	180.8	183.2	188.1	188.8
Men's and boys'	117.1	142.2	157.3	160.8	168.4	177.5	183.9	188.9	192.4	197.9	200.0
Women's and girls'	116.0	138.1	149.3	151.9	155.1	157.5	159.1	161.9	163.6	169.5	168.0
parel and upkeep 3	117.7	144.2	163.8	176.7	190.3	200.4	205.5	206.9	209.5	212.1	211.
menortation	112.7	150.6	185.5	212.0	249.7	280.0	291.5	298.4	311.7	319.9	307.5
risportation Private	111.1	149.8	185.0	212.3	249.2	277.5	287.5	293.9	306.6	314.2	299.
Automobiles now	107.6	127.6	153.8	166.0	179.3	190.2	197.6	202.6	208.5	215.2	224
		146.4	186.5	201.0	208.1	256.9	296.4	329.7	375.7	379.7	363.
Gasoline	105.6	170.8	196.3	265.6	369.1	410.9	389.3	376.3	370.2	373.3	291.4
Auto insurance rates	126.7	145.9	216.6	228.7	247.4	259.0	275.7	302.7	326.3	359.5	407.2
Public	128.5	158.6	187.8	200.3	251.6	312.0	346.0	362.6	385.2	402.8	426.4
Intracity mass transit	134.5	155.5	181.8	189.8	217.6	274.8	310.9	322.1	344.6	352.4	381.8
Intercity bus fare	118.4	186.0	240.2	260.0	297.1	339.8	368.8	402.2	436,3	466.6	514.3
Auto insurance rates  Auto insurance rates  Jublic Intracity mass transit Intercity bus fare  Artine fares	118.5	159.0	190.6	205.8	284.8	358.4	395,0	417.8	443.0	470.9	490.2
dical care Prescription drugs. Physicians' services Jontal services Jospital room.	120.6	168.6	219.4	239.7	265.9	294.5	328.7	357.3	379.5	403.1	433.
Prescription drugs	101.2	109.3	131.6	141.8	154.8	172.5	192.7	213.8	234.3	256.5	278.6
Physicians' services	121.4	169.4	223.1	243.6	269.3	299.0	327.1	352.3	376.8	398.8	427.
Dental services	119.4	161.9	198.1	214.8	240.2	263.3	283.6	302.7	327.3	347.9	367.3
10spital room	145.4	236.1	332.4	370.3	418.9	481.1	556.7	619.7	670.9	710.5	753.
tertainment	116.7	152.2	176.6	188.5	205.3	221.4	235.8	246.0	255.1	265.0	274.
intertainment commodities	113.5	152.1	177.7	189.3	208.2	225.2	239.0	246.9	253.3	260.6	265.9
Newspapers Entertainment services	119.4	174.5	200.4	213.7	238.2	262.6	283.5	302.4	314.3	328.0	341.
		152.4	175.4	187.6	201.6	216.3	231.8	245.3	258.3	271.8	286.3
her goods and services	116.8	153.9	183.3	196.7	214.5	235.7	259.9	288.3	307.7	326.6	346.
Tobacco products	121.2	153.9	177.3	187.9	202.6	218.9	243.5	291.0	310.0	328.5	351.0
	113.2	150.7	182.0	195.8	213.1	232.0	248.3	261.1	271.4	281.9	291.3
Toilet goods *	110.4	150.0	176.6	188.7	206.1	227.2	246.1	260.6	269.6	278.5	287.9
Personal care services	116.0	151.4	187.3	202.7	219.9	237.0	251.2	262.5	274.1	286.0	295.4
Personal and educational	100 100 100 100										
expenses		162.4	198.0	213.8	236.2	265.8	301.0	333.3	365.7	397.1	428.
Transportation services Medical care services	121.6	166.6	210.9	234.2	270.3	305.7	333,3	344.9	363.0	381.5	400.
Transportation services	123.1	152.7	197.4	212.8	242.6	271.6	294.4	303.6	321.1	337.0	356.3
Medical care services	124.2	179.1 153.1	235.4 184.7	258.3 199.8	287.4	318.2	356.0 259.9	387.0 278.0	410.3 296.0	435.1 314.1	468.6 331.8
	1.2	0.00	60.00	100	1000	-	7.57	1500	10.55	A.53	-7
commodities	113.5	158.4	187.1	208.4	233.9	253.6	263.8	271.5	280.7	286.7	283.9
Durable	111.8	145.5	173.9	191.1	210.4	227.1	241.1	253.0 279.0	266.5 286.6	270.7 293.2	270.2
	114.0	163.2	192.0	215.9	245.0	266.3	273.6		1 2 2 1	293.2	
commodities less food	112.5	149.1	174.7	195.1	222.0	241.2	250.9	259.0	267.0	272.5	263.
Nondurables less food	113.1	151,7	174.3	198.7	235.2	257,5	261.6	266.3	270.8	277.2	262.
Nondurables less food, apparel	111.2	157.9	185.0	218.2	267.1	296.6	301.1	306.4	311.9	319.2	297.

NA Not available. Dec. 1982 = 100. See text, section 15. \*Includes housekeeping supplies and services. Except footwear. \*Includes personal care appliances.

Bource: U.S. Bureau of Labor Statistics, Monthly Labor Review and CPI Detailed Report, January issues.

#### No. 741. Consumer Price Indexes-Selected Cities or SMSA's: 1970 to 1986

[1967 = 100, except as noted. Annual averages of monthly figures. For coverage details, see headnote, table 736, and text, section 15. Area is generally the standard metropolitan statistical area (SMSA), exclusive of terms. Los Angeles-Long Beach, Anshelm, CA is a combination of two SMSA's, and New York, NY-Northeastern NJ, and Chicago, IL-Northeastern IN are the more extensive standard consolidated areas. Area definitions are those established by the Office of Management and Budget in 1973, except for Deriver-Boulder, CO which does not include Douglas County. Definitions do not include revisions made since 1973]

CITY/SMSA					ALL	TEMS	-	-			_
CIT IT GINGS	1970	1975	1977	1978	1979	1980	198	1	1982	1983	1984
U.S. city average 1	116.3	161.2	181.5	195.4	217.4	246.	8 272	4	289.1	298.4	311.
Anchorage, AK =	(NA)	152.3	175.0	187.5	207.0	228.			260.1	264.8	275.
Atlanta, GA	116.5	161.7	179.6	192.6	212.7	242.			289.5	301.3	313.
Baltimore, MD	. 117.0	165.2	185.9	199.6	218.2	250.	3 273		285.8	298.8	312
Boston, MA	116.7	162.1	183.4	193.1	212.9	240.			277.7	290,0	304.
Buffalo, NY Chicago, IL-Northwestern IN Cincinnati, OH-KY-IN	116.1	161.8	181.7	193.0	211.3	235.	6 257		267.2	284.5	294.
Chicago, IL-Northwestern IN	. 116.3	157.6	175.6	190.7	214.6	245.			287.4	298.8	310.
Cincinnati, OH-KY-IN	115.7	160.3	182.2	199.1	223.8	254.			293.5	312.0	322
Cleveland, OH	119.3	160.9	180.5	193.9	219.5	252	9 279		301.2	324.3	335
Cleveland, OH Dallas-Fort Worth, TX Denver-Boulder, CO	117.8	158.2	180.2	194.0	218.6	255.			301.3	312.6	327
Denver-Boulder, CO	. (NA)	161.3	184.7	202.1	233.5	261.			317.0	335.1	347
Detroit, MI	117.4	160.1	180.4	194.1	218.8	253.			288.3	296,5	306
Honolulu, Hl	114.2	155.0	171.0	184.1	204.6	228.			267.6	273.5	284.
Houston, TX	116.8	164.9	190.2	208.2	235.7	265.			312.2	320.6	329
	100	157.9	178.3	191.8	219.2	248.	1 268	.6	282.0	298.4	310.
Los Angeles-Long Beach-Anaheim, CA Miami, FL <sup>3</sup>	114.3	157.6	179.6	192.8	213.7	247.			287.6	292.7	306.
Mam, FL*	(NA)	(NA) 157.0	(NA)	104.5	114.8	130.			155.8	161.0	166.
Milwaukee, WI	115.8	157.0	177.9	192.3	218.8	251.			296.3	309.5	320
Municapolis-St. Paul, MN-Wi	117.5	160.9	183.0	199.7	222.6	247			306.2	312.6	324
New Tork, NT-Northeast NJ	119.0	166.6	185.5	196.1	213.1	237.	2 260	.5	275.6	288.6	303
Northeast PA	116.3	164.7	179.9	191.9	210.7	237.		1	273.8	283.6	296. 300.
Philadelphia, PA-NJ	117.8	164.2	183.5	194.3	213.6	241.			279.0	287.1	
Pittsburgh, PA Portland, OR-WA	116.4	160.0	179.8	195.5	217.3	247.			288.0	308.4	319
Portland, OH-WA	. 113.2	156.5	180.2	198.4	225.4	255.			287.0	290.1	301
St. Louis, MO-IL	115.2	156.1	176.6	191.5	215.8	244.	9 267	.5	286.9	297.2	306.
San Diego, CA	115.3	160.8	182.0	200.1	233.1	268.			325.3	334.6	354.
San Francisco-Oakland, CA	115.8	159.1	180.8	197.8	214.6	247.			300.0	302.5	319.
Seattle-Everett, WA	114.0	155.8	177.6	194.8	216.3	252.			297.8	302.8	313.
Washington, DC-MD-VA	117.6	161.6	183.0	197.0	218.6	244.	7 267	.3	281.9	294.7	308.
	items	All. items	bever- ages	Hou	ot	nd her ities	el and up- keep		orta-	cal	tain- ment
	1		ages	+	-	-	поор		-		
U.S. city average 1	322.2	328.4	311.	-	-	84.7	207.8	-	07.5	433.5	274.
		287.8	323.	7 27	0.7 2	82.0	216.4	2	94.5	460.7	290.
		287.8 338.3	323. 323.	7 27	0.7 2	82.0 70.8	216.4 213.7	2 2	94.5	460.7 435.9	290
Anchorage, AK <sup>2</sup>	282.3 328.4 323.7	287.8 338.3 331.7	323. 323. 317.	7 270 6 384 8 366	0.7 2 4.6 3 8.1 3	82.0 70.8 53.2	216.4 213.7 233.4	2 2 3	94.5 91.8 105.0	460.7 435.9 408.6	290. 244. 273.
Anchorage, AK 2	282.3 328.4 323.7	287.8 338.3 331.7 326.2	323. 323. 317. 304.	7 270 6 384 8 366 1 343	0.7 2 4.6 3 8.1 3 2.6 3	82.0 70.8 53.2 48.7	216.4 213.7 233.4 232.9	2 2 3 3	94.5 91.8 05.0 31.7	460.7 435.9 408.6 438.0	290. 244. 273. 286.
Anchorage, AK 2	282.3 328.4 323.7	287.8 338.3 331.7 326.2 309.1	323. 323. 317. 304. 302.	7 270 6 38- 8 360 1 340 7 333	0.7 2 4.6 3 8.1 3 2.6 3 3.8 4	82.0 70.8 53.2 48.7 80.7	216.4 213.7 233.4 232.9 246.0	22332	94.5 91.8 05.0 31.7 75.3	460.7 435.9 408.6 438.0 348.3	290. 244. 273. 286. 285.
Anchorage, AK 2	282.3 328.4 323.7	287.8 338.3 331.7 326.2 309.1 328.5	323. 323. 317. 304. 302. 299.	7 270 6 38- 8 360 1 343 7 333 9 373	0.7 2 4.6 3 8.1 3 2.6 3 3.8 4 3.2 3	82.0 70.8 53.2 48.7 80.7 49.3	216.4 213.7 233.4 232.9 246.0 171.5	223323	94.5 91.8 95.0 31.7 75.3 101.7	460.7 435.9 408.6 438.0 348.3 429.5	290. 244. 273. 286. 285. 286.
Anchorage, AK <sup>2</sup>	282.3 328.4 323.7 318.0 306.3 321.8 329.8	287.8 338.3 331.7 326.2 309.1 328.5 332.8	323. 323. 317. 304. 302. 299. 323.	7 270 6 38- 8 360 1 34: 7 33: 9 37: 0 36:	0.7 2 4.6 3 8.1 3 2.6 3 3.8 4 3.2 3 3.6 4	82.0 70.8 53.2 48.7 80.7 49.3 01.3	216.4 213.7 233.4 232.9 246.0 171.5 234.7	2233232	94.5 91.8 05.0 31.7 75.3 01.7 78.2	460.7 435.9 408.6 438.0 348.3 429.5 440.9	290. 244. 273. 286. 285. 286. 239.
Anchorage, AK <sup>a</sup> Allanta, GA Baltimore, MD Boston, MA Buffalo, NY Cincipnati, U-Northwestern IN Cincinnati, OH-KY-IN	282.3 328.4 323.7 318.0 306.3 321.8 329.8 345.4	287.8 338.3 331.7 326.2 309.1 328.5 332.8 350.6	323. 323. 317. 304. 302. 299. 323. 311.	7 276 6 38- 8 366 1 34: 7 33: 9 37: 0 36: 5 39:	0.7 2 4.6 3 8.1 3 2.6 3 3.8 4 3.2 3 3.6 4 5.8 4	82.0 70.8 53.2 48.7 80.7 49.3 01.3 06.7	216.4 213.7 233.4 232.9 246.0 171.5 234.7 199.6	2233223222	94.5 91.8 05.0 31.7 75.3 01.7 78.2 98.4	460.7 435.9 408.6 438.0 348.3 429.5 440.9 485.9	290. 244. 273. 286. 285. 286. 239. 275.
Anchorage, AK <sup>2</sup> Atlanta, GA Baltimore, MD Boston, MA Buffalo, NY Chicago, IL-Northwestern IN Cincinnati, OH-KY-IN Cleveland, OH Dallas-Fort Worth, TX	282.3 328.4 323.7 318.0 306.3 321.8 329.8 329.8 339.5	287.8 338.3 331.7 326.2 309.1 328.5 332.8 350.6 344.7	323. 323. 317. 304. 302. 299. 323. 311. 329.	7 276 6 386 8 366 1 343 7 333 9 373 0 363 5 394 4 383	0.7 2 4.6 3 8.1 3 2.6 3 3.8 4 3.2 3 3.6 4 5.8 4	82.0 70.8 53.2 48.7 80.7 49.3 01.3 06.7 61.5	216.4 213.7 233.4 232.9 246.0 171.5 234.7 199.6 221.1	2233223	94.5 91.8 105.0 131.7 175.3 101.7 178.2 198.4 103.8	460.7 435.9 408.6 438.0 348.3 429.5 440.9 485.9 448.2	290. 244. 273. 286. 285. 286. 239. 275. 288.
Anchorage, AK *	282.3 328.4 323.7 318.0 306.3 321.8 329.8 345.4 339.5 357.2	287.8 338.3 331.7 326.2 309.1 328.5 332.8 350.6 344.7 359.7	323. 323. 317. 304. 302. 299. 323. 311. 329. 288.	7 276 6 386 8 366 1 343 7 333 9 373 0 363 5 393 4 383 3 44	0.7 2 4.6 3 8.1 3 2.6 3 3.8 4 3.2 3 3.6 4 5.8 4 3.3 3 1.5 3	82.0 70.8 53.2 48.7 80.7 49.3 01.3 06.7 61.5 65.6	216.4 213.7 233.4 232.9 246.0 171.5 234.7 199.6 221.1 191.8	2233223322333	94.5 91.8 105.0 131.7 175.3 101.7 178.2 198.4 103.8 104.0	460.7 435.9 408.6 438.0 348.3 429.5 440.9 485.9 448.2 418.0	290. 244. 273. 286. 285. 286. 239. 275. 288. 292.
Anchorage, AK <sup>2</sup> Atlanta, GA	282.3 328.4 323.7 318.0 306.3 321.8 329.8 345.4 339.5 357.2 317.6	267.8 338.3 331.7 326.2 309.1 328.5 332.8 350.6 344.7 359.7 322.0	323. 323. 317. 304. 302. 299. 323. 311. 329. 288. 291.	7 270 6 384 8 366 1 343 7 333 7 337 9 375 9 375 9 375 3 383 3 44 8 35	0.7 2 4.6 3 8.1 3 2.6 3 3.8 4 3.2 3 3.6 4 5.8 4 3.3 3 1.5 3 8.3 4	82.0 70.8 53.2 48.7 80.7 49.3 01.3 06.7 61.5 65.6 32.4	216.4 213.7 233.4 232.9 246.0 171.5 234.7 199.6 221.1 191.8 170.4	22332233223333	94.5 91.8 05.0 31.7 75.3 01.7 78.2 98.4 103.8 04.0	460.7 435.9 408.6 438.0 348.3 429.5 440.9 485.9 418.0 464.5	290. 244. 273. 286. 285. 286. 239. 275. 288. 292. 237.
Anchorage, AK *	282.3 328.4 323.7 318.0 306.3 321.8 329.8 345.4 339.5 357.2 317.6	267.8 338.3 331.7 326.2 309.1 328.5 332.8 350.6 344.7 359.7 322.0 301.1	323. 323. 317. 304. 302. 299. 323. 311. 329. 288. 291. 327.	7 27/66 38/8 36/61 34/37 33/37 37/30 36/5 39/4 38/3 44/8 35/62 28/6	0.7 2 4.6 3 8.1 3 2.6 3 3.8 4 3.2 3 3.6 4 5.8 4 3.3 3 1.5 3 8.3 4 2.2 3	82.0 70.8 53.2 48.7 80.7 49.3 01.3 06.7 61.5 65.6 32.4 03.4	216.4 213.7 233.4 232.9 246.0 171.5 234.7 199.6 221.1 191.8 170.4 204.4	2233223333223332	94.5 91.8 05.0 31.7 75.3 01.7 78.2 98.4 03.8 04.0 07.8 71.7	460.7 435.9 408.6 438.0 348.3 429.5 440.9 485.9 448.2 418.0 464.5 432.8	290: 244: 273: 286: 285: 286: 239: 275: 288: 292: 237: 291:
Anchorage, AK *	282.3 328.4 323.7 318.0 306.3 321.8 329.8 345.4 339.5 357.2 317.6	267.8 338.3 331.7 326.2 309.1 328.5 332.8 350.6 344.7 359.7 322.0	323. 323. 317. 304. 302. 299. 323. 311. 329. 288. 291.	7 27/66 386 366 1 344 7 337 9 37 36 36 38 35 44 8 35 6 34 6 34 6 34 6 34 6 34 6 34 6 34 6	0.7 2 4.6 3 8.1 3 2.6 3 3.8 4 3.2 3 3.6 4 5.8 4 3.3 3 1.5 3 1.5 3 8.3 4 2.2 3	82.0 70.8 53.2 48.7 80.7 49.3 01.3 06.7 61.5 65.6 32.4	216.4 213.7 233.4 232.9 246.0 171.5 234.7 199.6 221.1 191.8 170.4	22332233322	94.5 91.8 05.0 31.7 75.3 01.7 78.2 98.4 103.8 04.0	460.7 435.9 408.6 438.0 348.3 429.5 440.9 485.9 418.0 464.5	290. 244. 273. 286. 285. 286. 239. 275. 288. 292. 291. 296.
Anchorage, AK <sup>a</sup> Allanta, GA Baltimore, MD Boston, MA Buffalo, NY Cinciano, IL-Northwestern IN Cincinnati, OH-KY-IN Cleveland, OH Dallas-Fort Worth, TX Denver-Boulder, CO Detroit, MI Honolulu, HI Houston, TX Kansas City, MO-KS.	282.3 328.4 323.7 318.0 306.3 321.8 329.8 345.4 339.5 357.2 317.6 294.1 336.4 319.7	287.8 338.3 331.7 326.2 309.1 328.5 332.8 350.6 344.7 352.0 301.1 333.3 322.7	323. 323. 317. 304. 302. 299. 323. 311. 329. 286. 291. 327. 339. 309.	7 27/6 6 36/8 8 36/8 1 34/7 7 333/9 9 37/7 9 37/9 1 36/8 5 39/8 4 38/8 4 38/8 8 35/8 2 28/6 6 34/8 8 34/8	0.7 24.6 3 8.1 3 2.6 3 3.8 4 3.2 3 3.6 4 5.8 4 5.8 3 1.5 3 8.3 4 2.2 3 8.1 4 8.7 3	82.0 70.8 53.2 48.7 89.7 49.3 01.3 06.7 61.5 65.6 32.4 03.4 30.6 77.8	216.4 213.7 233.4 232.9 246.0 171.5 234.7 199.6 221.1 191.8 170.4 204.4 251.2 226.0	22332322333222	94.5 91.8 105.0 31.7 775.3 101.7 178.2 198.4 103.8 104.0 107.8 171.7 175.4 188.6	460.7 435.9 408.6 438.0 348.3 429.5 440.9 485.9 448.2 418.0 464.5 432.8 496.3 433.4	290. 244. 273. 286. 285. 286. 239. 275. 288. 292. 237. 291. 296. 256.
Anchorage, AK * Allanta, GA Allanta, GA Baltimore, MD Boston, MA Buffalo, NY Chicago, IL-Northwestern IN Cincinnati, OH-KY-IN Cleveland, OH Dallas-Fort Worth, TX Denver-Boulder, CO Detroit, MI Honolulu, HI Houston, TX Kansas City, MO-KS.	282.3 328.4 323.7 318.0 306.3 321.8 329.8 345.4 339.5 357.2 317.6 294.1 336.4 319.7	287.8 338.3 331.7 326.2 309.1 328.5 332.8 350.6 344.7 359.7 322.0 301.1 333.3 322.7	323. 323. 317. 304. 302. 299. 323. 311. 329. 288. 291. 327. 339. 309.	7 27/6 6 38-8 8 36/8 11 34/7 7 33:37 9 36:39 9 36:5 5 399 4 38:3 4 38:3 5 35/8 2 28:6 6 34/8 8 34/1	0.7 2 44.6 3 8.1 3 8.1 3 2.6 3 3.8 4 3.3.6 4 5.6 4 5.6 4 4 5.6 3 3.3 3 3.1.5 3 8.1 4 2.2 3 8.1 4 3.3 3 3.1.5 3 8.3 4 4.3 3 8 3 8 3 8 3 8 3 8 3 8 3 8 3 8 3 8 3	82.0 70.8 53.2 48.7 80.7 49.3 01.3 06.7 65.6 61.5 65.6 32.4 03.4 30.6 77.8 62.4	216.4 213.7 233.4 232.9 246.0 171.5 234.7 199.6 221.1 191.8 170.4 204.4 251.2 226.0	22332322333222	94.5 91.8 95.0 91.7 75.3 01.7 78.2 98.4 04.0 07.8 771.7 775.4 88.6	460.7 435.9 408.6 438.0 348.3 429.5 440.9 485.9 448.2 418.0 464.5 432.8 496.3 433.4	290. 244. 273. 286. 285. 286. 239. 275. 288. 292. 237. 291. 296. 256.
Anchorage, AK <sup>a</sup> Allanta, GA Ballimore, MD Boston, MA Buffalo, NY Chicago, IL-Northwestern IN Cincinnati, OH-KY-IN Cleveland, OH Dallas-Fort Worth, TX Demver-Boulder, CO Detroit, MI Honolulu, HI Houston, TX Kansas City, MC-KS Los Angeles-Long Beach-Anaheim, CA	282.3 328.4 323.7 318.0 306.3 321.8 329.8 345.4 339.5 357.2 317.6 294.1 336.4 319.7	287.8 338.3 331.7 326.2 339.1 328.5 350.6 344.7 359.7 322.0 301.1 333.3 322.7	323. 323. 317. 304. 302. 299. 323. 311. 329. 286. 291. 327. 339. 309.	7 27/6 6 38/8 8 36/8 11 34/2 77 33/3 9 37/2 9 37/2 9 36/3	0.7 2 44.6 3 8.1 3 2.6 3 3.8 4 3.3.2 3 3.6 4 5.8 4 4.5.8 3 4.2.2 3 8.1 3 8.7 3	82.0 70.8 53.2 48.7 80.7 49.3 01.3 06.7 65.6 632.4 03.4 30.6 77.8 62.4 75.0	216.4 213.7 233.4 232.9 246.0 171.5 234.7 199.6 221.1 191.8 170.4 204.4 251.2 226.0	223322332223332222	94.5 91.8 95.0 95.0 95.0 95.0 97.7 97.5 98.4 98.4 98.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90	460.7 435.9 408.6 438.0 348.3 429.5 440.9 485.9 448.9 448.4 418.0 464.5 432.8 433.4 458.2 202.7	290. 244. 273. 286. 285. 286. 239. 276. 292. 237. 291. 296. 256.
Anchorage, AK * Allanta, GA Allanta, GA Baltimore, MD Boston, MA Buffalo, NY Cincinnati, OH-KY-IN Cleveland, OH Dallas-Fort Worth, TX Denver-Boulder, CO Detroit, MI Honolulu, HI Houston, TX Kansas City, MO-KS Los Angeles-Long Beach-Anaheim, CA Milami, FL 3 Milwaukee, WI	282.3 328.4 323.7 318.0 306.3 321.8 329.8 345.4 339.5 357.2 317.6 294.1 336.4 319.7	287.8 338.3 331.7 326.2 309.1 328.5 350.6 350.6 350.6 350.7 329.7 329.7 329.7 329.7 329.7 330.7 174.0	323. 323. 317. 304. 302. 299. 323. 311. 311. 329. 288. 291. 327. 339. 309.	7 27/6 6 38.8 8 366 1 34.4 7 37.5 0 365 3 39.9 3 37.9 0 365 3 39.9 3 34.4 8 35.6 2 28.6 6 34.4 8 34.7 1 37.5 1 17.	0.7 2 4.6 3 8.1 3 2.6 3 3.8 4 3.3.2 3 3.6 4 5.8 4 5.8 4 9.1 3 9 3 9 3 9 3 9 3 9 3 9 3 9 3 9 3 9 3 9	82.0 70.8 53.2 48.7 80.7 49.3 06.7 61.5 65.6 32.4 30.6 77.8 62.4 75.0	216.4 213.7 233.4 232.9 246.0 171.5 234.7 199.6 221.1 191.8 170.4 204.4 251.2 226.0 184.1 145.8 229.5	22 23 33 22 23 33 32 22 22 22 23 31 31 31 32 22 22 22 33 33 33 33 22 22 22 22 23 23	94.5 91.8 05.0 31.7 775.3 01.7 778.2 98.4 103.8 04.0 07.1 775.4 188.6	460.7 435.9 408.6 438.3 429.5 440.9 485.9 448.2 418.0 464.5 432.8 496.3 433.4 458.2 202.7 398.0	290. 244. 273. 286. 285. 286. 237. 292. 237. 291. 296. 233. 138. 282.
Anchorage, AK <sup>a</sup> Allanta, GA Baltimore, MD Boston, MA Butfalo, NY Chicago, IL-Northwestern IN Chicago Chi	282.3 328.4 323.7 318.0 306.3 321.8 345.4 339.5 357.2 317.6 294.1 319.7 320.2 171.7 330.5 330.5	287.8 338.3 331.7 326.2 309.1 328.5 332.8 350.6 344.7 359.7 359.7 322.0 301.1 333.3 322.7 331.7 340.5	323. 323. 317. 304. 302. 299. 323. 311. 329. 288. 291. 327. 339. 309.	7 27/6 6 38/6 8 36/6 11 34/7 9 37/7 9 36/5 5 39/6 4 38/3 34/4 8 35/2 2 28/6 6 34/4 8 34/7 1 37/5 1 17/5 5 39/8 8 34/8 8 3	0.7 2 4.66 3 8.1 3 2.6 3 3.3.8 4 3.3.2 3 3.6 4 4 3.3.3 4 4 3.3.3 3 4 3.2.3 4 4 3.3.3 4 3.3.3 4 4 3.3.3 4 4 3.3.3 4 4 3.3.3 4 4 3.3.3 4 4 3.3.3 4 4 3.3.3 4 4 3.3.3 4 4 3.3.3 4 4 3.3.3 4 4 3.3 4 3.0 4	82.0 70.8 53.2 48.7 80.7 49.3 006.7 61.5 65.6 32.4 03.4 677.8 62.4 77.8	216.4 213.7 233.4 232.9 246.0 171.5 234.7 199.6 221.1 191.8 170.4 204.4 251.2 226.0 184.1 145.8 229.5 201.7	22 23 33 22 23 33 22 22 22 22 23 33 22 22	94.5 91.8 95.0 31.7 75.3 01.7 78.2 98.4 93.8 04.0 07.8 77.5.4 88.6 125.5 90.2 82.3	460.7 435.9 408.6 438.0 348.3 429.5 440.9 485.9 448.2 418.0 464.5 432.6 433.4 458.2 202.7 398.0 418.0	290. 244. 273. 286. 285. 286. 237. 292. 237. 291. 296. 256. 233. 138. 282. 302.
Anchorage, AK *	282.3 328.4 323.7 318.0 306.3 321.8 345.4 339.5 357.2 317.6 294.1 319.7 320.2 171.7 330.5 330.5	287.8 338.3 331.7 326.2 309.1 328.5 350.6 344.7 359.7 322.0 301.1 333.3 322.7 330.7 174.0 331.7 340.5	323. 323. 317. 304. 302. 299. 323. 311. 329. 288. 291. 327. 339. 309. 305. 164. 298. 317.	7 27/6 38-8 36-8 36-8 36-1 34-1 37-1 37-1 37-1 37-1 37-1 37-1 37-1 37	0.7 2 4.6 3 8.1 3 2.6 3 3.8 4 3.2 3 3.6 4 4.3.2 3 1.5 9 8.3 4 8.7 3 1.7 3 8.7 1 1.7 3 8.7 1 1.7 3 8.7 1 1.7 3 8.8 3 8.8 3 8.8 3 8.8 3 8.8 4 8.8 5 8.8 5 8.8 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6	82.0 70.8 53.2 48.7 80.7 61.3 06.7 61.5 63.2 4 03.4 30.6 77.8 62.4 75.0 02.1 84.3 82.6	216.4 213.7 233.4 232.9 246.0 171.5 234.7 199.6 1221.1 191.8 170.4 204.4 204.4 204.4 251.2 226.0 184.1 145.8 229.5 201.7 191.3	22 23 33 22 23 33 22 22 22 22 23 31 32 22 22 22 23 33 22 22 22 23 23 24 24 25 26 26 26 26 26 26 26 26 26 26 26 26 26	94.5 91.8 05.0 31.7 775.3 101.7 178.2 198.4 103.8 104.8 107.8 171.7 175.4 188.6 125.5 178.9 100.2 188.3 196.3	460.7 435.9 408.6 438.0 348.3 429.5 440.9 485.9 448.2 418.0 464.5 432.8 496.3 433.4 458.2 202.7 396.0 416.4	290. 244. 273. 286. 285. 286. 239. 275. 288. 291. 296. 256. 233. 138. 282. 302. 291.
Anchorage, AK <sup>a</sup> Allanta, GA Baltimore, MD Boston, MA Butfalo, NY Chicago, IL-Northwestern IN Chicago Chi	282.3 328.4 323.7 318.0 306.3 321.8 345.4 339.5 357.2 317.6 294.1 319.7 320.2 171.7 330.5 330.5	287.8 338.3 331.7 326.2 309.1 328.5 332.8 350.6 344.7 322.0 301.1 333.3 322.7 390.7 174.0 331.7 340.5 324.6 310.7	323, 323, 317, 304, 302, 299, 323, 311, 329, 288, 291, 327, 339, 309, 164, 298, 317, 323, 323,	7 27/6 38/8 36/8 36/8 36/8 36/8 37/9 37/7 38/8 38/8 34/4 8 34/4 8 34/4 1 37/5 37/6 39/8 39/8 39/8 1 33/8 33/8 1 33/8 33/8 33/8 34/8 34/8 34/8 34/8 34/8	0.7 24 4.6 3 8.1 3 2.6 3 3.8 4 3.2 3 3.6 4 3.3 4 3.3 5 8 4 3.3 5 8 4 4 2.2 2 3 3 8 1 1.5 3 8 1 1.5 3 8 1 1.7 3 8 1 1.7 3 8 1 1.7 3 1	82.0 70.8 53.2 48.7 49.3 01.3 06.7 65.6 32.4 03.4 03.6 77.8 62.4 75.0 02.1 84.3 78.7	216.4 213.7 233.4 232.9 246.0 171.5 234.7 199.6 221.1 191.8 170.4 204.4 251.2 226.0 184.1 145.8 229.5 201.7 191.3 209.1	22 23 33 22 22 23 33 32 22 22 22 23 33 22 22	94.5 91.8 95.0 31.7 775.3 98.4 101.7 178.2 198.4 107.8 107.8 107.8 107.8 109.2	460.7 435.9 408.6 438.0 348.3 429.5 440.9 465.9 448.2 418.0 464.5 432.8 433.4 458.2 202.7 398.0 416.4 442.4	290. 244. 273. 286. 285. 286. 239. 275. 288. 292. 237. 291. 296. 256. 233. 138. 282. 302. 299.
Anchorage, AK *	282.3 328.4 323.7 318.0 306.3 321.8 345.4 339.5 357.2 317.6 294.1 319.7 320.2 171.7 330.5 330.5	287.8 338.3 331.7 326.2 309.1 328.5 350.6 344.7 359.7 322.0 301.1 333.3 322.7 330.7 174.0 331.7 340.5	323. 323. 317. 304. 302. 299. 323. 311. 329. 288. 291. 327. 339. 309. 305. 164. 298. 311. 323. 299.	7 27/6 38-8 36-8 36-1 34-1 7 33-7 33-7 33-7 33-7 33-7 33-7 33-7	0.7 24.66 3 3.8 4 3.3.8 4 4 5.5.8 4 3.3.6 4 4 5.5.8 3 3 3 6 5.6 4 5.6 7 3 6.7 1 1.7 3 6.7	82.0 70.8 53.2 48.7 80.7 61.3 06.7 61.5 63.2 4 03.4 30.6 77.8 62.4 75.0 02.1 84.3 82.6	216.4 213.7 233.4 232.9 246.0 171.5 234.7 199.6 1221.1 191.8 170.4 204.4 204.4 204.4 251.2 226.0 184.1 145.8 229.5 201.7 191.3	22 33 32 22 23 33 32 22 22 22 23 33 32 22 2	94.5 91.8 95.0 31.7 75.3 75.2 98.4 03.0 07.8 77.7 775.4 98.6 04.0 07.8 775.7 775.6 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3	460.7 435.9 408.6 438.0 348.3 429.5 440.9 485.9 448.2 418.0 464.5 432.8 496.3 432.4 458.2 202.7 398.0 416.4 442.4 471.1	290. 244. 273. 286. 286. 239. 275. 286. 292. 237. 291. 296. 256. 233. 138. 302. 291. 264.
Anchorage, AK *	282.3 328.4 323.7 318.0 306.3 321.8 345.4 339.5 357.2 317.6 294.1 319.7 320.2 171.7 330.5 330.5	287.8 338.3 331.7 326.2 309.1 328.5 350.6 344.7 359.7 322.0 301.1 333.3 322.7 330.7 174.0 331.7 340.5 321.0 330.2 330.2	323, 323, 317, 304, 302, 299, 323, 311, 329, 327, 339, 306, 164, 298, 317, 329, 314, 301, 301, 301, 301, 301, 301, 302, 303, 304, 305, 305, 305, 305, 305, 305, 305, 305	7 27/6 38/8 36/8 36/8 36/8 36/8 36/8 36/8 36	0.7 24.66 34.66 35.88 45.88 32.2 33.86 45.88 45.88 45.88 45.88 11.7 36.7 11.7 36.7 11.7 36.7 11.7 36.7 14.88 32.2 33.8.3 36.88	82.0 70.8 53.2 48.7 49.3 01.3 06.7 65.6 32.4 30.6 77.8 62.4 75.0 02.1 82.6 78.7 89.7	216.4 213.7 233.4 232.9 246.0 171.5 234.7 199.6 221.1 191.8 251.2 226.0 184.1 145.8 229.5 201.7 191.3 209.1 183.2 196.1	22 23 33 22 22 23 33 33 22 22 22 33 33 3	94.5 91.8 91.8 105.0 31.7 775.3 101.7 778.2 198.4 104.0 107.8 104.0 107.8 771.7 775.4 188.6 125.5 78.9 100.2 189.3	460.7 435.9 408.6 438.0 348.3 429.5 440.9 485.9 418.0 464.5 432.8 496.3 433.4 458.2 7398.0 416.4 446.4 471.1 473.6 451.4	290. 244. 273. 286. 286. 239. 275. 268. 292. 237. 291. 296. 256. 233. 138. 282. 302. 291. 269. 259.
Anchorage, AK *	282.3 328.4 323.7 318.0 306.3 321.8 345.4 339.5 357.2 317.6 294.1 319.7 320.2 171.7 330.5 330.5	287.8 338.3 331.7 326.2 309.1 328.5 350.6 344.7 359.7 322.0 301.1 333.3 322.7 340.7 340.5 344.6 310.7 322.0 330.2 316.8	323. 323. 317. 304. 302. 299. 323. 311. 329. 288. 291. 327. 339. 305. 164. 298. 317. 323. 291. 301. 303.	7 27/6 6 38/8 8 36/8 1 34/4 7 33:3 9 37:0 0 36:5 3 39:4 4 38:3 3 44/4 8 35:5 2 34/8 8 34/8 1 1 37:5 5 37:9 6 39:4 4 33:1 1 32:1 1 32:1 1 32:1 1 32:1 1 32:1 1 32:1 1 32:1 1 32:1 1 32:1 1 32:1 1 32:1 1 32:1 1 33:1 1 33:1 1 34:1 1 34:1 1 35:1 1 36:1	0.7 24.66 3 3.8.1 3 3.2.26 3 3.3.8 4 4 3.3.6 4 4 5.8.3 3 3 4 4 5.8.7 3 3 8.3.7 3 3 1.7.7.5 4 3.3.2 3 3.3.2 3 3.3.2 3 3.3.3 3 3.3 3 3 3.3 3 3 3.3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	82.0 70.8 53.2 48.7 49.3 01.3 61.5 65.6 65.6 77.8 62.4 775.0 62.1 84.3 67.7 91.8 87.7	216.4 213.7 233.4 232.9 246.0 171.5 234.7 199.6 221.1 191.8 170.4 204.4 2251.2 226.0 184.1 145.8 229.5 201.7 191.3 209.1 183.2 196.1	22 33 32 22 23 33 33 22 22 22 33 33 32 22 2	94.5 91.8 95.0 91.7 775.3 101.7 775.4 103.8 104.0 107.8 177.7 175.4 188.6 125.5 178.9 109.2 182.3 196.	460.7 435.9 408.6 438.0 348.3 429.5 440.9 448.2 418.0 464.5 432.8 496.3 432.8 432.8 432.8 446.3 432.8 433.4 434.4 473.6 451.4 473.6 451.8	290. 244. 273. 286. 286. 239. 275. 286. 292. 237. 291. 296. 256. 233. 138. 282. 302. 291. 269. 254. 296.
Anchorage, AK *	282.3 328.4 323.7 318.0 306.3 321.8 329.8 345.4 339.5 357.2 317.6 294.1 336.2 171.7 330.2 171.7 330.2 314.2 314.2 314.2 314.2 314.3 314.2 314.3	287.8 338.3 331.7 328.2 309.1 328.5 332.8 350.6 344.7 359.7 322.0 301.1 333.3 322.7 330.7 174.0 331.7 340.5 321.6 321.6 331.6 332.8	323. 323. 317. 304. 302. 299. 323. 311. 329. 339. 309. 305. 164. 298. 317. 329. 317. 329. 317. 329. 317. 329. 317. 329. 317. 329. 329. 329. 329. 329. 329. 329. 329	7 27/6 6 38-8 8 361 7 33:3 7 33:3 9 37:0 0 36:5 5 39:9 5 39:9 5 39:9 6 34:4 8 34:4 15 17:5 5 37:5 5 37:5 6 39:3 1 33:3 1	0.7 23 4.6 3 8.1 3 2.6 3 3.8 4 4.5 8 4.5 8 4.5 8 4.5 8 4.5 8 4.5 8 4.5 8 4.5 8 4.5 8 4.5 8 4.5 8 4.5 8 4.5 8 4.5 8 4.5 8 4.5 8 5.6 8 5.6 8 5.7 3 5.7 4 5.7 4 5.7 6 5.7 4 5.7 6	82.0 70.8 53.2 48.7 49.3 01.3 61.5 65.6 30.6 77.8 62.4 75.0 92.1 84.3 82.6 791.8 87.2 87.2 87.2 87.2 84.3	216.4 213.7 233.4 232.9 246.0 171.5 234.7 199.6 221.1 191.8 170.4 251.2 226.0 184.1 145.8 229.5 201.7 191.3 209.1 183.2 196.1 197.0 197.0	22 33 32 22 33 33 32 22 22 23 33 33 32 22 2	94.5 91.8 91.8 95.0 31.7 775.3 101.7 778.2 98.4 103.8 104.0 107.7 175.4 188.6 125.5 189.3 126.2 114.8 114.8 114.8 114.8	460.7 435.9 408.6 348.0 348.3 429.5 440.9 448.2 418.0 464.5 432.8 496.3 433.4 458.2 202.7 398.0 416.4 447.1 1473.6 451.4 429.8	290. 244. 273. 286. 286. 239. 275. 288. 292. 237. 291. 296. 256. 233. 138. 282. 291. 254. 290. 254. 290.
Anchorage, AK *	282.3 328.4 323.7 318.0 308.3 329.8 345.4 339.5 357.2 317.6 294.1 336.4 319.7 320.2 171.7 330.5 314.3 30.5 314.3 314.4 318.1 318.1 318.1	287.8 338.3 331.7 326.2 309.1 328.5 332.8 350.6 344.7 322.0 301.1 333.3 322.7 330.7 174.0 331.7 340.5 324.6 310.7 322.0 331.6 323.7 324.6 330.2 331.6 322.0 331.6 322.0 331.7 322.0 331.7 323.7 324.6 330.2 331.6 330.2 331.6 330.2 331.6 330.2 331.6 330.2 331.6 330.2 331.6 330.2 331.6 330.2 331.6 330.2 331.6 330.2 331.6 330.2 331.6 330.2 331.6 330.2 331.6 330.2 331.6 330.2 331.6 330.2 331.6 330.2 331.6 330.2 331.6 330.2 330.2 331.6 330.2 331.6 330.2 331.6 330.2 300.2	323. 323. 317. 304. 302. 299. 323. 311. 329. 288. 291. 327. 339. 306. 164. 298. 317. 329. 314. 308. 311. 308.	7 27/6 38-8 36-8 36-1 34-1 37-5 37-7 37-7 33-3 3-1 37-7 38-3 38-3 38-3 38-3 38-3 38-3 38-3	0.7 23 0.7 23 0.6 3 0.8 1 3 0.6 3 0.8 3 0.8 3 0.8 3 0.8 4 0.8 3 0.8 4 0.8 3 0.8 4 0.8 3 0.8 4 0.8 3 0.8 4 0.8 3 0.8 4 0.8 3	82.0 70.8 53.2 48.7 49.3 006.7 61.5 65.6 30.4 30.4 30.6 76.1 84.3 67.0 97.8 62.4 75.0 98.2 87.5 87.5 87.5 87.5 87.5 87.5 87.5	216.4 213.7 233.4 232.9 246.0 171.5 234.7 199.6 221.1 191.8 170.4 2251.2 226.0 184.1 145.8 229.5 201.7 191.3 199.1 183.2 197.0 195.9 217.0	22 33 32 22 23 33 32 22 22 22 23 33 32 22 2	94.5 91.8 95.0 91.7 775.3 101.7 775.4 103.8 104.0 107.8 177.7 175.4 188.6 125.5 178.9 109.2 182.3 196.	460.7 435.9 408.6 438.0 348.3 448.9 448.9 448.2 448.2 448.2 454.5 432.4 454.3 458.2 7398.0 464.4 471.6	290. 244. 273. 286. 286. 239. 275. 288. 291. 296. 237. 291. 296. 233. 138. 282. 302. 269. 256. 256. 256.
Anchorage, AK * Allants, GA Allants, GA Baltimore, MD Boston, MA Butfalo, NY Chicago, IL-Northwestern IN. Cincinnati, OH-KY-IN. Cleveland, OH- Dallas-Fort Worth, TX Demver-Boulder, CO Detroit, MI Houston, TX Kansas City, MO-KS. Los Angeles-Long Beach-Anaheim, CA Miami, FL* Milwaukee, WI Minneapolis-St. Paul, MN-WI New York, NY-Northeast NJ Northeast PA. Philadelphia, PA-NJ Phitsburgh, PA Portland, OR-WA	282.3 328.4 323.7 318.0 306.3 321.8 329.8 345.4 339.5 357.2 317.6 294.1 336.2 171.7 330.2 171.7 330.2 314.2 314.2 314.2 314.2 314.3 314.2 314.3	287.8 338.3 331.7 328.2 309.1 328.5 332.8 350.6 344.7 359.7 322.0 301.1 333.3 322.7 330.7 174.0 331.7 340.5 321.6 321.6 331.6 332.8	323. 323. 317. 304. 302. 299. 323. 311. 329. 339. 309. 305. 164. 298. 317. 329. 317. 329. 317. 329. 317. 329. 317. 329. 317. 329. 329. 329. 329. 329. 329. 329. 329	7 27/6 38-8 368 368 368 368 368 368 368 368 368 36	0.7 22.6 3.8 4.6 3.3 4.5 8.3 4.5 8.3 4.5 8.3 4.5 8.7 3.8 8.7 3.8 8.7 3.8 8.7 3.8 8.7 3.8 8.3 3.8 8.3 3.3 8.3 8.3 8.3 8.3 8.3	82.0 70.8 53.2 48.7 49.3 01.3 61.5 65.6 30.6 77.8 62.4 75.0 92.1 84.3 82.6 791.8 87.2 87.2 87.2 87.2 84.3	216.4 213.7 233.4 232.9 246.0 171.5 234.7 199.6 221.1 191.8 170.4 251.2 226.0 184.1 145.8 229.5 201.7 191.3 209.1 183.2 196.1 197.0 197.0	22 33 32 22 22 33 33 22 22 22 23 33 33 22 23 33 3	94.5 91.8 95.0 95.0 95.0 95.0 95.0 95.0 95.0 95.0	460.7 435.9 408.6 348.0 348.3 429.5 440.9 448.2 418.0 464.5 432.8 496.3 433.4 458.2 202.7 398.0 416.4 447.1 1473.6 451.4 429.8	290. 244. 273. 286. 286. 239. 275. 288. 292. 237. 291. 296. 256. 233. 138. 282. 291. 254. 290. 254. 290.

NA Not available. 11970-1977 based on 56 urban areas; beginning 1976 based on 85 areas, includes madium- and smallstand cities, not shown separately, 1970-1978, excludes Portland. 2 October 1967=100. 3 November 1977=100. Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*, and in *CPI Detailed Report*, January issues.

# No. 742. ANNUAL PERCENT CHANGES IN CONSUMER PRICES, UNITED STATES AND OECD COUNTRIES: 1970 TO 1986

[Covers member countries of Organization for Economic Cooperation and Development (OECD). For consumer price indexes for OECD countries, see section 31]

COUNTRY	1970- 1975, avg.	1975- 1980, avg.	1980- 1985, avg.	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
United States	6.7	8.9	5.5	5.8	6.5	7.7	11.3	13.5	10.4	6.1	3.2	4.3	3.5	2.0
OECD, total OECD, Europe	8.5 9.6	9.6 11.2	6.6 9.0	8.6 10.9	8.8 11.1	7.9 9.3	9.8 10.6	12.9 14.3	10.5 12.2	7.8 10.5	5.2 8.2	5.3 7,4	4.5 6.5	3.8
Australia	7.3	10.6 8.7 6.5	8.3 7.4 2.7	13.5 7.5 9.3	12.3 8.0 8.1	7.9 9.0 3.8	9.1 9.1 3.6	10.2 10.1 8.0	9.7 12.5 4.9	11.2 10.8 2.7	10.1 5.9 1.9	3.9 4.3 2.2	6.8 4.0 2.1	9.1 4.6 (NA
New Zealand	7.3 8.4	14.8 5.3 6.4 10.4	12.0 4.9 7.0 7.9	16.9 7.3 9.2 9.0	14.3 5.5 7.1 11.1	12.0 3.6 4.5 10.0	13.8 3.7 4.5 9.6	17.1 6.4 6.6 12.3	15.4 6.8 7.6 11.7	16.1 5.4 8.7 10.1	7.4 3.3 7.7 6.9	6.2 5.6 6.3 6.3	15.4 3.2 4.9 4.7	13.2 1.3 1.3 3.6
Finland	8.8 12.3 13.3 11.3	10.7 10.5 16.3 14.1 16.3	8.6 9.6 20.7 12.3 13.7	14.4 9.6 13.3 18.0 16.8	12.2 9.4 12.1 13.6 18.4	7.8 9.1 12.6 7.6 12.1	7.5 10.8 19.0 13.3 14.8	11.6 13.6 24.9 18.2 21.2	12.0 13.4 24.5 20.4 19.5	9.6 11.8 21.0 17.1 16.6	8.3 9.6 20.2 10.5 14.6	7.1 7.4 18.5 8.6 10.8	5.9 5.8 19.3 5.4 9.2	3.6 2.7 23.0 3.6 5.6
Netherlands	8.6 8.4 15.4 12.1	6.1 6.0 8.4 21.8 18.6	6.9 4.2 9.0 23.2 12.2	9.8 8.8 9.1 19.3 17.7	6.7 6.4 9.1 27.2 24.5	3.1 4.1 8.1 22.5 19.8	4.5 4.2 4.8 23.9 15.7	6.3 6.5 10.9 16.6 15.5	6.7 13.6 20.0 14.6	9.4 6.0 11.3 22.4 14.4	8.7 2.8 8.4 25.5 12.1	4.6 3.3 6.2 29.3 11.3	4.1 2.3 5.7 19.3 8.8	7.2 11.7 8.8
Sweden	7.7 18.6 13.0	10.5 2.3 50.1 14.4 4.1	9.0 4.3 37.8 7.2 3.9	10.3 1.7 17.4 16.5 4.5	11.4 1.3 26.0 15.8 3.7	10.0 1.1 61.9 8.3 2.7	7.2 3.6 63.5 13.4 4.1	13.7 4.0 94.3 18.0 5.5	12.1 6.5 37.6 11.9 5.9	8.6 5.6 32.7 8.6 5.3	8.9 3.0 28.8 4.6 3.3	8.0 3.0 45.6 5.0 2.4	7.4 3.4 44.9 6.1 2.2	34.6

NA Not available. <sup>1</sup> Excludes rent.

Source: Organization for Economic Cooperation and Development, Paris, France, Main Economic Indicators, monthly.

No. 743. CONSUMER PRICE INDEXES FOR ALL URBAN CONSUMERS—U.S. REGIONS: 1974 TO 1986
[December 1977 = 100. For composition of regions, see fig. I, inside front cover]

REGION AND AREA	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
All items:				100	2.22	100	1.11	100	1.3	100	220	1.44	
Northeast	81.4	87.9	92.9	98.1	104.3	114.7	129.4	143.3	150.8	157.1	164.5	170.7	175.0
Midwest		86.2	91.2	97.4	105.3	118.2	134.0	146.6	157.0	162.6	168.6	173.7	175.8
South		86.5	91.3	97.4		117.4	132.9	147.2	156.6	161.7	168.4	173.8	176.6
West	77.1	85.1	90.2			117.3	134.6	148.5	157.5	160.0	167.4	174.5	178.6
Food:	500		500	22	0.9	15	-	1175	16.2		500	260	1.0
Northeast	83.1	89.8	92.8	98.0	107.2	118.0	128.6	138.9	144.8	147.8	153.6	157.9	163.7
Midwest	82.8	88.6	92.0	97.9		119.8	130.0	139.4	144.1	145.9	150.9	153.4	158.0
South	80.9	89.8	92.0	98.0	107.9		130.4	140.7	146.1	149.5	155.9	159.1	163.6
West	81,1	88.3	90.2	97.1		120.2	130.2	141.0	147.7	152.3	158.3	162.1	166.5
Housing:	100	15,15	100	12	175	K4	4.5	0.11	100	TH.	1		1
Northeast	(NA)	(NA)	(NA)	(NA)	104.3	115.2	1323	148.7	156.9	163.6	171.5	178.8	184.6
Midwest	(NA)	(NA)	(NA)	(NA)	106.1	121.1	140.0	153.5	168.4	175.4	181.1	187.2	191.4
South	(NA)	(NA)	(NA)	(NA)		119.0	136.8	153.2	165.1	168.7	174.5	180.0	184.6
West	(NA)	(NA)	(NA)	(NA)	105.1	117.8	138.5	154.1	163.7	163.4	171.9	181.0	187.5
Population-size class of SMSA:1	1 = 1	-		5.77	1	107		122	100	1	115		
Less than 75,000	(NA)	(NA)	(NA)	(NA)	104.9	116.6	131.3	144.8	156.0	160.7	167.2	172.0	173.9
75,000 to 384,999		(NA)	(NA)	(NA)		117.8	133.1	146.4	155.7	160.1	166.6	172.2	175.0
385,000 to 1,249,999		(NA)	(NA)	(NA)		117.8	134.0	148.6	156.9		168.5	174.5	177.1
1,250,000 to 4,000,000		(NA)	(NA)	(NA)		117.2	133.5	147.8	157.4	162.9	169.8	175.8	178.9
Over 4,000,000	(NA)	(NA)	(NA)	(NA)	104.5		131.1	143.8	152.1	157.4	164.5	171.1	175.
ANNUAL PERCENT CHANGE	149		1	1		115	111	100		100	1111		
All items:	1		1.00	N bd		11/2	100		100	1155		1.5	
Northeast	111.1	8.0	5.7	5.6	6.3	10.0	12.8	10.7	5.2	4.2	4.7	3.8	2.5
Midwest		8.7	5.8	6.8	8.1	12.3	13.4	9.4	7.1	3.6	3.7	3.0	1.2
South		9.8	5.5	6.7	8.2	11.4	13.2	10.8	6.4	3.3	4.1	3.2	1.6
West		10.4	6.0	7.4	8.5	11.6	14.7	10.3	6.1	1.6	4.6	4.2	2.3

NA Not available. <sup>1</sup> See headnote, table 744. <sup>2</sup> Change from 1973.

Source: U.S. Bureau of Labor Statistics, Monthly Labor Review and CPI Detailed Report, January issues.

# No. 744. Average Prices (Unit Values)—Selected Commodifies Exported and Imported: 1970 to 1986

[In dellars per unit, includes trade of Puerto Rico with foreign countries. Unit values obtained by dividing annual values of domestic exports and imports of merchandles for consumption by annual quantities. Values of goods exported represent those at port of export. For 1970, values of goods imported represent market values in country from which imported; transaction values f.a.s. (free alongaide ship) at port of export through 1981; and customs value beginning in 1982. Unit values may show actual price movements only roughly for commodities subject to considerable price variations among different grades, methods of peoting, etc., and to year-to-year variations in proportions of grades, etc. Unit values of agricultural exports also include effects of Commodity Credit Corporation sales for export]

COMMODITY	Unit	1970	1975	1906	1982	1902	1984	1985	1995
EXPORTS									i
Wheat	Bushel	1	4.54	4.85	4.46	4.41	4.17	3.95	3.34
kemels		.079	.189	.197	.199	.198	.167	.172	.111
Grain sorghums	Bushel Bushel	1.45 1.32	3.36 3.05	3.41 3.34	2.91 2.92	3.40 3.36	3.63 3.17	3.00 2.86	2.11 2.23
Wheat flour	100 lb	3.85	10.34	12.17	11.26	6.90	11.09	9.57	6.81
Leaf tobacco, flue-cured, unstammed	<b>Lb</b>	.921	1.46	2.11	2.82	2.70	2.82	2.54	2.41
Cigarettes	1,000	5.45 2.80	7.36 6.24	12.87 7.35	18.78 6.64	18.55 7.09	19.82 7.57	20.02 6.04	20.30 5.01
Soybeans	. Б	.177	.283	.402	.457	.430	.444	.441	.365
		187.40	291.97	511.57	518.93	503.64	511.45	474.25	476.94
Cotton, upland, staple 1" to 1%"		.259	.542	.706	.637	.686	.744	.676	.762
		1	.801	.817	.741	.745	.798	.747	.340
Steel scrap, No. 1, heavy .nelting	Sh. ton Sh. ton	13.40 43.37	49.23 64.53	40.37 102.20	56.39 73.85	49.29 74.45	50.63 86.41	45.23 79.04	45.97 101.76
Tallow, inedible	Lb	-0.067	162	218	.195	.183	.229	.201	.141
Soybeen oil, crude	Lb	.122	.332	.269	.216	.222	.309	.304	211
Carbon steel sheets, cold rolled	Lb	.077	.175 .257	.184 .423	.245 .340	.236 .341	.279 .376	.298 .317	.198 .374
Channe notemer and constance	İ	ŀ							
resins Container board liners	<b></b>	.193	.343	.576	.662	.688	.706	.743	.662
Modes were incl. monofilements		.062 .953	.126 1.15	.158 1.41	.144 1.54	.126	.153 1.24	.133 1.33	.294 1.07
Carbon black, furnace		.000	.167	.331	.524	.564	.607	.636	.749
Copper, refined, crude forms	<b>Lb</b>	.671	.654	.974	.680	.739	.000	.627	.672
Aluminum metal and alloys	<b>Lb</b>	.263	.361	.807	.751	.890	.901	.984	.744
IMPORTS	1	.425	.724	1.44	1,15	1.14	1.04	1.14	1.15
Canned beef		.599	.724	2.02	1.61	1.59	2.12	1.95	2.52
Raw sugar Coffee (Brazil)		.070	.245	.223	.153	.176	.168	.130	.162
Coffee (Brazil)		.474	.679	1.87	1.25	1.24	1.31	1.27	1.72
Coffee (Colombia)	Lb	.535 .352	.663 .670	1.70 1.26	1.40	1.29 .732	1.37	1.27	1.89
Ten (Sri Lenke)			.582	.868	.815 .764	.980	1.37	.947 .960	.998 .785
Tee (Sri Lante) Whisky, containers of 1 gel. or less (U.K.)	Proof cel		8.22	13.58	16.78	16.33	16.49	16.80	11.85
Whisky, containers of 1 gal. or less		/	0.22	13.56	10.70	10.33	10.40	10.00	1
(Canada)	Proof gel	6.70	7.60	9.99	12.94	13.06	13.56	12.71	6.47
Cigarette leaf, unstemmed		.568	1.03	1.27	1.43	1.54	1.52	1.40	1.48
Gost and kid skins, dry Crude rubber, except milk	<u> </u>	1.06	1.26	5.10	2.26 .367	2.33	1.89 .454	1.40 .352	3.97 .360
Sawed lumber, fr	Mil. bd. ft	71.13	137.64	255.12	170.18	212.01	187.43	205.07	200.42
Sewari humber encure	Mil. bd. R	73.96	132.55	192.25	183.15	194.55	184.51	181.30	189.92
Woodpulp, sulphite, bleeched, exc.			l	l					
rayon and special chemical grades, Woodpulp, sulphate, bleached	Sh. ton Sh. ton	142.90 143.68	323.72 353.41	443.79 431.74	449.16 377.23	416.86 336.61	418.24 412.41	399.49 332.84	389.42 332.62
Apperel wool, 60's and finer *	ســـــــــــــــــــــــــــــــــــــ	.879	1.50	1.70	1.78	1.57	1.51	1.57	1.97
Iron ore (Canada)	Ton	12.42	22.15	33.61	36.82	38.44	37.05	36.01	36.04
tron ore (Venezuele)	Ton	8.33	15.84	22.48	33.84	34.97	22.92	24.10	21.11
manganese ore, metaturgical grade 3	LD	.020	.060 20.67	.086 27.81	.066 33,14	29.17	.019	.029 29.41	.044 27.98
Copper ores and concentrates *		.617	.586	.700	.557	.485	.623	.512	300
Crude petroleum (Venezuela) 4	Bbi	2.30	11.68	27.84	33.84	27.78	28.57	27.02	13.50
Apparel wool, 60's and finer surron ore (Canada) iron ore (Venezuela) iron ore (Venezuela) iron ore (Venezuela) iron ore (Venezuela) iron ore (Venezuela) iron ore surron ore su	Sh. ton	140.11	244.10	368.96 .379	420.68 .482	308.52 .470	417.99 .516	428.87 .589	428.80 .411
			.092	.150	.123	.094	.101	.106	.113
Concrete reinforcement bers	1	,	"	1	1			l	i
thick, %" diameter	<u>  [</u> 2	.075	.208	.233	.308	.237	.210	.496	-300
Copper, refined (Chile) * Nickel in pigs, ingots, shot, etc		.630 1.30	.531 1.88	.986 3.17	2.81	.706 2.33	.816 2.31	.617 2.49	.801 2.01
Tin bers, blocks, pigs, etc. (Melaysia)		1.86	3.35	7.75	5.89	6.00	5.52	5.37	3.15
	1	1	1	1	1	1	1	1	I

<sup>&</sup>lt;sup>1</sup> Excludes latex: (figuid). <sup>2</sup> Clean content. <sup>3</sup> Metal content. <sup>4</sup> Testing 25° API or more. Source: U.S. Bureau of the Census, U.S. Exports, Schedule B Commodity, By Country, Report FT 446, annual; and U.S. Imports for Consumption and General Imports, TSUSA Commodity by Country of Origin, Report FT 246, annual.

#### No. 745. IMPORT PRICE INDEXES—SELECTED COMMODITIES: 1980 TO 1987

(Index values are given for the June quarter of each year, indexes are weighted by the 1950 Tartif Schedule of the United States Annotated, a scheme for describing and reporting product composition and value of U.S. imports. Import prices are based on U.S. dollar prices paid by importer, F.o.b. —Free on board; c.i.f.—Cost, insurance, and freight]

COMMODITY		Unit	1980	1982	1983	1984	1985	1986	198
All commodities		1982=100	(NA)		97.2	98.3	93.0	83.2	95.
Food	Soot	1977 = 100	104.4	(NA) 91.5	97.9	103.5	96.8	104.7	102
Meat		1977 = 100	139.4	141.0			118.2		135
Meat and edible meat offals, fresh, chilled or frozen	Soot		158.0	141.6	137.9	133.8	132.7	118.5	147
Meat and edible meat offals, prepared or preserved, n.e.s.1; fish extracts	1		WHO.		65	100	27.7	333	1/6
Dairy products and eggs	lune	1977 = 100 1981 = 100	107.1	112.6	100.9	104.2	93.6 97.9	102.8	117.
Fish	June	1977 = 100	(NA) 124.4	135.8	101.5	134.2	129.4	144.8	167
Shellfish, fresh, chilled, frozen, salted, or dried, c.i.f	tune	1977 = 100	123.2	149.0		156.5	146.2	162.4	178
Fish in airtight containers, c.i.f	Cont	1979 = 100	109.5	109.2	154.6	100.2	96.8	102.5	114
Bakery goods 2	Sept.	1977 = 100	131.1	137.4	131.0	134.8	132.3	149.2	165
Fruits and vegetables	luna	1977 = 100	100.2	111.9	132.0	135.8	129.4	119.4	125
Sugar 3	Mar	1982=100	(NA)	82.7	117.2	120,3	122.6	121.6	128
Coffee, tea, cocoa	June	1977 = 100	67.9	50.0	52.6	62.4	56.0	69.2	49
Severages and tobacco		1977=100	136.3	153.0	153.8	156.3	157.1	165.5	174
Beverages		1977 = 100	136.3	153.0	153.5	153.6	154.3	163.9	174
Alcoholic. Wine of fresh grapes, c.i.f		1977 = 100	136.3	153.0	153.5	153.4	154.2	163.6	174
Wine of fresh grapes, c.i.f	June	1977 = 100	152.8	165.5	164.9	158.5	162.6	179.2	196.
Beer, c.i.f Spirits, c.i.f	Sept.	1981 = 100	(NA)	101.7	101.8	102.8	104.7	107.8	116.
Spirits, c.i.f	June	1977=100	139.2	167.2	168.8	171.8	170.2	178.1	185.
crude materials	Sept.	1983 = 100	(NA)	(NA)	(NA)	102.6	93.6	95.3	105
Crude rubber 4	Mar.	1984=100	(NA)	(NA)	(NA) 124.2	93.7	76.4	75.5	84
Wood		1961 = 100	(NA)	95.7		103.2	106.9	106.3	112
Lumber	Sept	1981 = 100	(NA)	95.4	126.3	104.4	108.1	107.4	113
Pulp and waste paper	Dec.	1981 = 100	(NA)	96.0	80.3	96.1	80.4	79.9	104
Crude minerals	Dec.	1983 = 100	(NA)	(NA)	(NA)	96.2	101.7	100.0	98
Metalliferous ores and metal scrap.  Ores and concentrates of base metals, n.e.s. <sup>1</sup>	Mar.	1984 = 100	(NA)	(NA)	(NA)	102.8	87.6	95.6	100
Crude vegetable and animal materials, n.e.s.	Mar.	1984 = 100 1984 = 100	(NA)	(NA) (NA)	(NA) (NA)	104.1	104.9	103.0	106.
uels and related products	June	1982=100	(NA)	100.0	87.8	88.0	80.9	37.5	54
Crude petroleum and petroleum products	June	1982 = 100	(NA)	100.0	87.6	88.1	81.6	36.1	55.
Crude petroleum	June	1977-100	244.0	253.8	219.7	218.5	206.6	85.9	128
Crude petroleum Natural gas and LNG	Sept.	1981 = 100	(NA)	99.8	89.4	86.8	70.2	55.8	47
ats and oils	Sept.	1983=100 1982=100	(NA) (NA)	(NA)	(NA) 100.0	141.8	76.7	39.3	54. 98.
				(NA)	120	1241	94.9	93.3	1 337
ntermediate manufactured products	Dec.	1977 = 100	141.9	137.8	136.2	139.6	132.4	135.6	147.
Leather and furskins	June	1977 = 100	141.6	135.8	133.2	145.3	133.3	143.0	156
Rubber manufactures		1977 = 100	138.3	148.7	142.6	140.8	138.6	137.7	140
Cork and wood manufactures	June	1977 = 100	130.1	126.9	134,3	131.0	121.2	134.3	151
Paper and paperboard products	June	1977 = 100	132.6	149.9	142.6	150.4	157.2	157.1	165
Paper and paperboard	June	1977 = 100	131.9	149.7	141.8	149.7	157.4	155.8	163
Newsprint, c.i.f	June	1977 = 100	132.8	151.4	141.9	150.5	160.0	158.7	168
Textiles		1977=100	132.9	130.3	128.0	130.1	127.5	132.9	140
Non-metallic mineral manufactures		1977 = 100	158.5	157.3	166.2	166.6	151.8	169.6	190
Iron and steel	Sept.		119.4	127.9	114.8	123.8	120.1	118.1	127
Non-ferrous metals	Dec.	1981 = 100	(NA)	87.4	97.2	96.3	82.3	78.9	90
Silver platinum and other metals of platinum group, c.i.f.	Mar.	1982=100	(NA)	87.6	129.8	116.1	80.5	93.8	124
CopperNickel, c.i.f	June	1977 = 100	125.3	106.2	110.7	101.0	97.6	101,3	105
Nickel, c.i.f	Mar.	1982=100	(NA)	98.2	81.1	82.1	88.8	73.2	69
Zinc		1977 = 100	102.5	97.8	103.1	142.6	122.0	92.4	112
Tin, c.il. Metal manufactures, n.e.s. <sup>1</sup>	Dec.	1977 = 100 1977 = 100	140.2	108.2	110.0	102.6	98.0	46.3 127.8	134
				100	F.E		3.00	1	124
Machinery and transport equipment	June	1981 = 100	(NA)	103.2	104.3	104.1	102.6	115.3	126.
Machinery specialized for particular industries	Dec.	1981 = 100	(NA)	102.8	104.2	100.0	97.0	115.4	129.
Metalworking machinery	Mar.	1980 = 100	100.7	100.8	97.5	93.8	90.5	107.7	126.
Office machinery, parts n.e.s.	June	1981 = 100	(NA)	98.2	95.8	94.4	91.1	109.0	123
Office machines a	Mar.	1980 = 100	100.4	95.9	95.3	96.7	89.4	101.3	106
Telecommunications   Electric machinens and agricoment	Mar.	1980 = 100	101.5	99.8	97.2	94.8	83.9	91.6	94
Electric machinery and equipment	Dec.	1981 = 100	(NA)	98.1	98.4	91.2		87.5	
fice manufactured adictor	June	1981 = 100	(NA)	105.7	107.4	110.4	112.1	127.1	139
lisc. manufactured articles	Mar.	1980 = 100	99.1	100.1	100.4	101.5	98.0	104.8	118
Plumbing, heating and lighting fixtures		1980 = 100	100.0	104.6	107.3	112.0	114.1	123.5	130
Furniture and parts		1980 = 100	100.0	101.1	98.2	96.0	94.4	102.2	108
	June	1977 = 100	139.6	139.0	134.6	140.8	136.7	142.2	153
Footwear, c.i.f					1			1	
Professional, scientific and controlling instruments and				40.00	80.0	07.0	000	440 -	400
Professional, scientific and controlling instruments and apparatus	Dec.	1979 = 100	104.6	104.7	99.4	97.8	92.3	112.5	
Professional, scientific and controlling instruments and	Mar.		101.6	104.7 95.7 100.0	99.4 91.5 107.7	97.8 92.8 104.0	92.3 89.5 95.2	112.5 103.2 103.4	129. 114. 121.

NA Not available. 

N.e.s.—not elsewhere specified.

Includes pasta products, grain and grain preparations.

Includes sugar preparations and honey.

Includes synthetic and reclaimed rubber.

Includes automatic data processing equipment.

Includes photographic supplies, optical goods, watches and clocks.

Source: U.S. Bureau of Labor Statistics, News, quarterly.

#### No. 746, EXPORT PRICE INDEXES—SELECTED COMMODITIES: 1960 TO 1967

(Index values are given for June quarter of each year, indexes are weighted by 1980 export values according to the Schedule 8 classification system of the U.S. Bureau of the Consus. Prices used in these indexes were collected from a sample of U.S. manufacturers of exports and are fu.b. (free on board) factory transaction prices, except as noted]

COMMODITY	Unit	1980	1982	1983	1984	1985	1986	19
All commodities	Sept. 1983 = 100	(NA)	(NA)	(NA)	101.5	97.5	96.7	9
ood	Mar. 1983 = 100	(NA)	(NA)	105.1	109.6	94.0	89.5	8
Meat	Mar. 1983=100	(NA)	(NA)	100.5	108.7	104.7	114.7	12
sh	Mar. 1983 = 100	(NA)	(NA)	96.5	98.7	103.6	106.2	12
Grain and grain preparations	Mar. 1980 = 100	93.9	93.4	103.5	107.4	90.3	79.1	6
Wheat	Mar. 1980 = 100	92.3	87.3	91.1	89.5	80.5	68.2	6
Rice	Dec. 1983 = 100	(NA)		(NA)	94.8	91.1	57.5	5
Barley, 1.o.b	Mar. 1980=100	(NA) 94.2	(NA) 100.0	89.5	108.2	83.3	61.5	7
Corn vellow to h	Mar. 1980 = 100	95.6	100.0	115.4	125.8	99.8	91.3	6
Corn, yellow, f.o.b. Yellow sorghum, f.o.b.	Mar. 1980 = 100	97.0	97.9	117.2	114.4	92.5	84.0	6
	The second secon	2000	1.12	1.00	The second second			1100
ruits and vegetables	Mar. 1983 = 100	(NA)	(NA)	105.8	126,9	120.2	125.8	13
eed stuff for animals.  Miscellaneous food products	Mar. 1983 = 100	(NA)	(NA)	100,6	98.8	68.6	85,5	93
Miscellaneous food products	Mar. 1983 = 100	(NA)	(NA)	101.1	110.6	109.2	104.7	111
Beverages and tobacco	June 1983 = 100	(NA)	(NA)	100.0	101.9	100.1	96.5	10
Reverages and tooloo	Sept. 1983=100	(NA)	1		102.9	105.3	103.0	10
Tobacco and tobacco products	June 1983 = 100	(NA)	(NA)	(NA) 100.0	101.8	99.6	95.9	10
Toogco and toogco products	June 1903=100	(MA)	(MA)	100.0	101.6	99.0	90.9	1,0
rude materials	June 1983 = 100	frest	(NA)	100.0	118.3	96.8	95.6	10
	June 1980 = 100	(NA) 100.0	116.7	118.2	154.7	126.2	148.9	19
Raw hides and skins	Sept. 1977 = 100				104.3			6
Crude rubber, f.a.s.1	Sept. 1977 = 100	74.0	77.0	75.0		71.2	65.8	11
	Sept. 1983 = 100 June 1977 = 100	(NA) 156.8	(NA)	(NA) 127.1	106.0	106.3	106.1	
Wood.	June 1977=100 June 1983=100	150.8	135.4	100.0	129.4	96.1	128.7	14
Pulp and waste paper	June 1983 = 100 June 1977 = 100	(NA)	(NA)	100.0	125.6	105.8	98.6	111
Textile fibers	June 1977 = 100		106,1	111,3				
Cotton	June 1977 = 100	112.6	96,3	105.8	124.3	95.8	86.9	10
Raw cotton	June 1977 = 100	112.3	96.1	105.8	123.7	95.0	86.7	10
Crude minerals and fertilizers	June 1977 = 100	131.7	151.1	145.0	147.7	167.9	166.1	15
Crude fertilizers	June 1977 = 100	130.9	131.9	115.5	114.5	1123	113.7	11
Metal ores and scrap	Sept. 1983 = 100	(NA)	(NA)	(NA)	98.5	82.0	80.5	8
Scrap metal (iron or steel) I.a.s. <sup>1</sup>	June 1977 = 100	137.1	103.6	106.3	124.5	110.8	106.2	10
Ores and concentrates of base metals, n.e.s.1, f.a.s.1,	Sept. 1983 = 100	(NA)	(NA)	(NA)	98.0	88.0	67.5	1 6
Nonferrous base metal waste and scrap, n.e.s.1, f.a.s.1,	Mar. 1983 = 100	(NA)	(NA)	116.5	118.4	96.9	100.5	12
uels and related products	Sept. 1983 = 100	(NA)	(NA)	frest	99.7	99.2	86.7	1 8
Bituminous coal, f.a.s.1	June 1981 = 100	(NA)	105.0	(NA) 90.3			79.3	
Lubricating oils, f.a.s.1	June 1981 = 100	(NA)		90,3	87.3	100.9	84.6	13
Cubricating oils, T.a.s.	Sept. 1983 = 100		(NA)	(NA)	102.1		94.0	8
Petroleum coke, tars, and mineral waxes	Dec. 1983 = 100	(NA)	(NA)	(NA)	103.5	110.6	94.0	9
Natural gas, I.a.s.1	Sept. 1983 = 100	(NA)	(NA)	(NA) 100.0	100.4	96.4	81.3	9
ats and oils	June 1983 = 100	112.6	112.6		164.5	144.5	67.5	l ä
Vegetable oils	June 1983 = 100	(NA)	(NA)	100,0	176.4	164.8	95.3	9
hemicals and related products	Mar. 1983 = 100	(NA)	(NA)	96.4	99.7	96.8	95.4	110
Organic chemicals	Dec. 1983 = 100	(NA)	(NA)	(NA)	101.0	96.5	89.3	111
Hydrocarbons, n.e.s.* and derivatives t.a.s.*	Dec. 1978 = 100	178.5	(NA) 154.0	146.2	149.1	135.1	111.2	119
Alcohols, phenols, phenol-alcohols, and derivatives,		11.00	1.23.0	1,200				117
f.a.s.1	June 1977 = 100	151.4	144.2	136.5	138.0	133.9	130.0	14
Carbovylic acids 1 a s 1	June 1977 = 100	151.2	150.6	144.3	155.8	151.6	143.7	15
Fertilizers manufactured	Mar. 1983=100	(NA)	(NA)	144.3 88.9	96.9	87.9	84.0	1 8
Fertilizers, manufactured  Pesticides, starches, glue, gas and oil additives, chemical materials and products, n.e.s. <sup>1</sup>	mar. 1000 = 100	frent	freeA	00.0		01.0	04.0	1.
materials and products n.e.s.1	Mar. 1984 = 100	(NA)	(NA)	(NA)	100.2	102.5	105.1	10
		N 4	1	4.00	2000			
ntermediate manufactured products	Sept. 1981 = 100	(NA)	97.7	100.4	101.3	99.2	101.2	110
Leather and fur skins	Sept. 1981 = 100 Sept. 1979 = 100	(NA) 80.4	69.7	67.2	81.2	79.2	82.5	110
Rubber manufactures	June 1977 = 100	123.4	146.2	144.8	147.5	149.0	150.0	15
Paper and paperboard products	June 1978 = 100	130.4	139.5	135.8	154.7	151.6	158.7	117
Textiles:		10000	100	1		1	100	1
Woven man-made fabric, f.a.s.1	Dec. 1978 = 100	110.7	133.3	134.7	141.3	140.6	141.3	114
Non-metallic mineral manufactures:	1000				50.00	0.000	10000	10
Glassware	June 1977 = 100	137.2	169.4	183.5	188.0	198.6	204.9	121
Iron and steel	Mar. 1982 = 100		100,5	95.9	96.1	95.3	99.4	10
Non-ferrous metals	Sept. 1981 = 100	(NA)	85.4	102.8	92.9	79.6	79.1	13
Non-ferrous metals. Metal manufactures, n.e.s. <sup>1</sup>	Mar. 1982=100	(NA)	101.5	104.5	105.2	105.2	105.5	10
	100000000000000000000000000000000000000		197,52	100	4.00		United Street	
lachinery and transport equipment *	Dec. 1978=100	112.8	132.6	135.3	139.4	142.9	144.2	11
Power generating machinery 3	Dec. 1978 = 100	118.6	149.0	152.5	156.9	167.4	169.2	11
internal combustion piston engines, parts	June 1978 = 100	122.0	151.5	159.7	165.7	166.6	167.9	11
lachinery and transport equipment *  Power generating machinery *  Internal combustion piston engines, parts	The state when		7.5	1	1000			1
1.o.b., factory	June 1977 = 100	130.4	148.0	147.8	147.7	155.9	157.8	11
Machinery specialized for particular industries	Sept. 1978 = 100 Sept. 1978 = 100	119.8	145.9	148.9	152.8	155.7	154.7	135
Agricultural machinery and parts 4	Sept. 1978 = 100	113.2	135.0	145.9	152.2	155.2	156.3	1:
Tractors, 1.o.b., factory	June 1977 = 100	138.9	158.4	163.9	167.4	170.2	(NA)	E
Civil engineering and contractors, plant and equipment 6	June 1977=100	134.6	173.0	169.6	173.2	174.6	172.8	177
WELDING HIS HISTORY	June 1978 = 100	120.8	146.1	148.4	151.2	155.1	158.9	10
General industrial machines, parts, n.e.s.1	Sept. 1978 = 100	117.3	142.6	145.0	149.0	152.0	153.3	li
Office machines 1	June 1977 = 100	100.7	105.0	103.6	101.5	100.0	99.2	13
Telecommunications	June 1977 = 100	117.8	128.2	131.1	132.3	133.3	137.0	11
Electrical machinery, equipment	June 1977 = 100	100.3	108.6	108.5	112.6	116.1	114.2	i
Road vehicles and parts.	Mar. 1980=100	103.3	121.2	125.6	131.2	133.9	136.4	13
Other transport equipment *	June 1977 = 100	127.8	166.5	175.8	187.7	196.9	206.8	2
		0.121	1100.0	1113.0	I KOKE	100.0	1500.0	150

NA Not available. 

1 F.a.s.—free alongside ship. N.e.s.—not elsewhere specified.

2 Includes equipment.

4 Excludes tractors.

5 Tractors are fitted with or without power take-offs, winches or pulleys.

6 Includes parts.

7 Includes data processing equipment.

8 Includes sound recording and reproducing equipment.

Source: U.S. Bureau of Labor Statistics, News, quarterly.

#### No. 747, SELECTED MINERAL PRODUCTS-AVERAGE PRICES: 1973 TO 1986

[Represents average price except as noted. Excludes Alaska and Hawsii, except as noted. See Historical Statistics, Colonial Times to 1970, series M96, 139, 148, 209, 248, and 262]

MINERAL	Unit	1973	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986 prel
Aluminum 1	Cents/lb	25.3	39.8	51.6	54.0	61.0	71.6	76.0	76.0	77.8	81.0	81.0	81.0
Bituminous coal 2 3	Dol./sh. ton	8.53	19.23	19.82	21.78	23.65	24.52	26.29	27.14	25.85	25.51	25.10	24.50
Cobalt *	Dol./lb	3.00	3.98	5,58	6.40	24.58	25.00	14.58	8.56	5.76	10.40	11.43	7.49
Copper, electrolytic	Cents/lb	59.5	64.2	66.8	66.5	93.3	101.3	84.2	72.8	76.5	66.8	67.0	66.
Gold	Dol./fine oz	98	161	148	194	308	613	460	376	424	361	318	368
Lead (NY)	Cents/lb	16.3	21.5	30.7	33.7	52.6	42.5	36.5	25.5	21.7	25.6	19.1	22.
Natural gas * "	Dol./1,000 cu. ft	.22	45	.79	.91	1.18	1.59	1.98	2.46	2.59	2.66	2.51	1.87
Nickel 1	Dol./lb	1.53	2.20	2.41	2.10	3.20	2.85	2.65	2.24	2.20	2.22	2.26	1.86
Petroleum, crude <sup>3</sup>	Dol./bbl	3.89	7.67	8.57	9.00	12.64	21.59	31.77	28.52	26.19	25.88	24.09	12.66
Platinum *	Dol./troy oz	150	164	162	237	352	439	475	475	475	475	475	519
Silver	Dol./fine oz	2.56	4.42	4.62	5.40	11.09	20.63	10.52	7.95	11.44	8.14	6.14	5.4
Tungsten	COLD INTO DE	4,00	7.76	4.00	0,40	11.00	60.00	10.00	1.00	1.640	851.5	2017	0.4
concentrate *	Dol./lb	2.71	5.30	9.15	8.22	8.40	8.38	7.96	6.35	4.70	5.18	4.22	3.2
Zinc 10	Cents/lb	20.7	39.0	34.4	31.0	37.3	37.4	44.6	38.5	41.4	48.6	40.4	38.0

<sup>199.5</sup> percent primary aluminum ingot. 2 Average value at point of production; includes Alaska. Source: U.S. Energy Information Administration, Armual Energy Review and Monthly Energy Review. 3 includes subbituminous coal and lignitie.

4 Weighted average based on the market price quoted by a major U.S. cobater, otherwise based on range of prices.

8 Represents low price to year. Price ranged from low 8.40 lb. to 20.00 per lb. 4 Average value of marketed production. 7 1973—1979, peak price quoted U.S. buyers by International Nicket Co., Inc., for electrolytic nickel, includes U.S. duty I.o.b. Port Colborne, Ontario; thereafter, from New York dealer. Producer prices. 4 Average value of simpments. 10 Delivered

Source: 1973 compiled from Metals Week (copyright); Producer Prices and Price Indexes (U.S. Bureau of Labor Statistics), Minerals Yearbook and Mineral Commodity Summaries (U.S. Bureau of Mines); thereafter, except as noted. Minerals Yearbook.

#### No. 746. COMMODITY RESEARCH BUREAU FUTURES PRICE INDEX: 1974 TO 1986

[1967 = 160. Index computed daily, Represents unweighted geometric average of commodity futures prices (through 12 months forward) of 27 major commodity futures markets. Represents end of year index]

ITEM	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
All commodities	203.5	191.0	204.7	200.3	227.6	281.5	308.5	254.9	234.0	277.6	244.2	229.2	209.1
Imported												398.2	
Grains	240,2	195.6	192.5	179.0	187.8	251.9		251.3	215.1	249.6	224.9	198.5	
Livestock and meats	175.2	180.8	162.5	166.9	196.4	195.0	217.4	195.3	219.9	229.7	240.8		200.2

NA Not available. 1 Prior to 1979, index for metals only.

Source: Commodity Research Bureau, Inc. (CRB), New York City, NY, CRB Commodity Index Report, weekly. (Copyright.)

#### No. 749. FOOD PRICES—FARM VALUE AND RETAIL PRICE FOR SELECTED ITEMS: 1975 TO 1986

[tin dollars per retail unit Indicated. The farm value is the payment to farmers for the quantity of farm products equivalent to the unit sold at retail minus imputed value of byproducts. Because of losses from processing, waste, and spoilage, the farm value represents larger quantities than the retail unit.

**************************************	164		FA	RM VAL	UE			RE	TAIL PR	ICE	
FOOD ITEM	Unit	1975	1980	1984	1985	1986	1975	1980	1984	1985	1986
Beet, choice	Lb	.99 .80 .37	1.45 .63 .39	1.40 .77 .44	1.27 .71 .40	1.24 .82 .46	1.55 1.35 .63	2.38 1.40 .73	2.40 1.62 .81	2.33 1.62 .76	2.31 1.78
Eggs, grade A	Doz	.51	.51	.66	.52	.54	.77	1.05	1.01	1.13	1.11
Bread, white 1	10 lb	.07 (NA)	.05 .62	.05 .68	.05 .37	.04 .50 .08	(NA) (NA)	1.80 36	1.91 .50	1.60 .53	1.56 48
Lettuce, California <sup>2</sup> Orange juice, frozen  Tornatoes, California <sup>3</sup>	12 oz Lb	(NA) (NA) (NA)	.62 .05 .05 .36 .05	.04 .49 .05	.07 .62 .05	.06 .39 .05	(NA) (NA) (NA)	.46 .88 .42	1.22 .53	1.32 .52	1.07 .51

NA Not available. <sup>1</sup> Beginning 1980, farm value includes value for wheat, lard, soybean oil, high fructose com syrup, and soy-whey blend. <sup>2</sup> Farm value represents value in the field. Harvesting and packing, a contract operation, appears as processing or packing cost.

<sup>3</sup> Whole canned tomatices.

Source: U.S. Dept. of Agriculture, Economic Research Service, Food Cost Review, 1986.

No. 750. RETAIL CONSUMER PRICE INDEXES OF FOOD—SELECTED AREAS: 1970 TO 1986
[1967 = 100. See headrote, table 741 and text, section 15 regarding SMSA's]

CITY/SMSA	1970	1975	1979	1980	1981	1962	1962	1984	1986	1906
Total food 1	114.9	175.4	234.5	254.6	274.9	205.7	291.7	302.9	309.8	319.7
Anchorage, AK	(NA)	167.6	227.2	242.2	253.6	260.4	266.8	275.8	284.3	296.5
Atlenta, GA	114.8	181.8	238.2	257.3	279.8	291.6	299.8	310.3	319.0	334.6
Baltimore, MD	117.4	178.2	235.8	254.9	272.4	279.0	287.4	300.7	309.8	324.2
Boston, MA	114.9	175.2	229.0	245.3	259.7	265.4	271.7	286.1	297.8	311.3
Buffalo, NY	116.2	173.6	226.8	248.1	267.6	276.5	283.0	291.0	300.4	307.9
Chicago, IL-Northwestern IN	115.4	175.1	238.8	258.2	273.1	279.5	261.2	286.6	294.8	307.9
Cincinneti, OH-KY-IN	114.9	177.4	244.4	<b>265</b> .3	286.8	299.5	306.7	321.9	324.4	332.4
Cleveland, OH	117.5	175.8	236.3	254.2	276.3	265.9	296.4	309.1	315.6	319.5
Delles-Ft. Worth, TX	114.8	172.5	235.8	257.7	278.3	289.2	300.0	314.2	322.1	334.1
Denver-Boulder, CO	(NA)	171.4	230.1	238.0	258.0	265.5	274.5	288.2	293.2	295.1
Detroit, MI	115.2	171.6	226.5	245.2	264.2	274.3	273.7	279.8	284.4	295.4
Honolulu, Hl	114.1	176.7	239.8	259.9	285.8	296.8	306.7	319.7	332.2	339.0
Houston, TX		181.2	248.3	270.6	296.6	311.1	320.1	336.7	339.0	346.6
Kansas City, MO-KS	116.1	177.8	239.2	259.8	275.3	262.4	286.7	296.8	306.3	316.1
Los Angeles-Long Beach-Anaheim,		1						l		
CA	112.2	170.1	229.5	248.7	288.7	261.9	291.3	300.0	307.0	315.8
Milami, FL <sup>9</sup>	(NA)	(NA)	121.3	130.6	140.9	149.4	153.6	160.2	161.3	165.3
Milwaukee, Wi	113.1	171.9	234.9	250.7	273.5	283.5	287.0	294.4	305.3	3107
Minneapolis-St. Paul, MN-WI	116.5	178.9	244.4	284.8	260.4	291.6	300.1	313.6	321.0	329.1
New York, NY-Northeast, NJ	117.9	179.6	232.6	253.9	276.9	290.8	295.2	309.4	320.3	334.6
Northeast, PA	115.7	172.9	226.1	248.1	264.5	273.7	277.9	289.6	298.3	306.9
Philadelphia, PA-NJ	115.8	179.6	239.7	259.1	276.7	294.1	300.7	306.2	316.0	324.1
Pittsburgh, PA	115.6	177.4	233.5	254.5	274.1	285.9	294.6	293.8	297.0	305.1
Portland, OR-WA		168.4	233.6	250.3	289.9	284.2	291.6	302.5	309.9	316.8
St. Louis, MO-IL	115.4	174.3	234.7	252.3	270.9	281.2	286.7	298.7	306.1	317.9
San Diego, CA	113.6	173.7	236.0	257.8	276.6	291.1	306.6	322.8	329.4	341.6
San Francisco-Oakland, CA	112.5	171.2	233.1	250.4	268.5	286.2	292.7	306.8	312.8	323.2
Seattle-Everett, WA	113.5	169.6	225.4	243.2	263.7	283.4	267.8	292.2	296.9	307.
Washington, DC-MD-VA		180.7	245.7	264.1	277.7	291.4	299.0	308.7	317.9	329

NA Not evallable. I 1970 and 1975 based on 56 areas; beginning 1979, 85 areas. Excludes Portland, Oregon through 1975. November 1977 = 100.

Source: U.S. Bureau of Labor Statistics, CPI Detailed Report, January issues.

NO. 751. WEEKLY FOOD COST FOR FAMILIES, BY TYPE OF FAMILY: 1975 TO 1987

[In dollars. As of December, except as indicated. Based on moderate-cost food plan; assumes all meals are eaten at home or taken from home]

	4077		4000	4004	4000		4004		4000	19	67
URBAN FAMILY TYPE	1975	1979	1980	1961	1982	1963	1984	1906	1906	Jan.	May
Couple, 20-54 years old 1		47.50 41.80	52.00 45.90	53.40 47.10	54. <b>6</b> 0 48.10	54.70 52.00	56.50 53.90	58.30 55.70	60.40 57.80	61.30 58.70	62.40 59.80
1 child, 1-5 yeers old	53.50 51.80	57.30 68.00 65.90	62.90 74.80 72.60	64.70 76.80 74.70	66.00 78.50 76.20	66.90 77.80 77.80	69.20 80.50 80.50	71.30 83.00 82.90	73.90 85.80 85.80	75.00 87.10 87.10	76.30 66.70 83.70
2 children, 6-11 yeers old 2 children, 12-19 yeers old		79.90 85.20	88.10 93.80	90.70 96.50	92.60 96.60	93.50 98.00	97.10 101.60	99.80 104.60	103.30 106.20	104.70 109.80	106.80 111.80

<sup>&</sup>lt;sup>1</sup> Beginning 1983, costs based on revised food plans with age groups 20-50 years old and 51 years old and over. Source: U.S. Dept. of Agriculture, Human Nutrition Information Service. 1975, Food and Home Notes, weekly; thereafter, News Feature, weekly.

No. 752. SELECTED AGRICULTURAL COMMODITY PRICES RECEIVED BY FARMERS: 1981 TO 1986
[Minus sign (-) indicates decrease]

	100 4 11/			PR	HCE				PER	CENT CH	INGE	
COMMODITY	Unit	1981	1982	1983	1984	1985	1986	1981- 1982	1982- 1983	1983- 1984	1984- 1985	1985- 1986
American cheese	Cents per lb	139.4	138.3	138.3	138.0	127.7	127.3	B	- 1	2	-7.5	3
Beef	Dol. per 100 lb	58.60	56,70	55.50	57.30	53.70	52.60	-3.2	-2.1	3.2	-6.3	-2.0
Broilers	Cents per lb	28.4	26.9	28.6	33.7	30.1	34.5	-5.3	6.3	17.8	-10.7	14.6
Calves	Dol. per 100 lb	64.00	59.80	61.70	59.90	62.10	61.10	-6.6	3.2	-2.9	3.7	-1.6
Eggs	Cents per doz	63.1	59.5	61.1	72.3	57.1	61,6	-5.7	2.7	18.3	-21.0	7.9
Hogs and pigs	Dol. per 100 lb.,		52.30	46.80	47.10	44.00	49.30	19.1	-10.5	.6	-6.6	12.0
Rice, rough	Dol. per 100 lb		8.11	8.76	8,06	6.62	1 3.93	- 10.4	8.0	-8.0	- 17.9	-40.6
Sheep and lambs	Dol. per 100 lb		72.60	69.60	76.50	91.60	94.60	-4.6	-4.1	9.9	19.7	3.3
Turkeys	Cents per lb	38.2	39.5	38.0	48.9	49.1	47.1	3.4	-3.8	28.7	.4	-4.1
Wheat	Dol. per bu		3.55	3.53	3.38	3.15	2.34	-3.0	6	-4.2	-6.8	-25.7
Whole milk #	Cents per qt	48.3	48.1	48.4	49.2	48.7	48.4	4	.6	1.7	-1.0	6

<sup>-</sup> Represents zero. 

<sup>1</sup> Marketing year average price. 

<sup>2</sup> Sold to consumers.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, Field Crops (Statistical Bulletin 708); Agricultural Statistics, annual; and Agricultural Outlook, monthly. Also, Meet Animals—Production, Disposition, and Income, annual; and annual; and Poultry—Production, Disposition, and Income; and Inco

No. 753. SEAFOOD PRICES: 1970 TO 1984

r pound. Live weight. 1979-1964 data are preliminary. Based on prices received by fishermen and vessel owners. See also *Historical Statistics, Colonial Times to 1970*, series L 321-337]

SPECIES	1970	1975	1970	1970	1980	1981	1983	1983	1984
n	13.1	24.2	25.4	29.3	27.3	33.0	36.2	33.9	37.9
	15.3	34.9	50.5	47.2	42.4	57.9	56.7	54.0	98.5
	25.8	32.8	31.9	42.6	38.7	39.4	49.5	58.6	71.5
	1.8	2.7	3.8	4.2	4.5	3.8	3.8	4.0	4.0
	4.9	10.3	17.1	21.0	23.0	26.3	27.4	26.6	28.8
	55.4	65.9	133.8	173.5	186.3	182.5	182.3	127.3	173.1
	39.3	77.6	118.6	142.5	109.7	94.5	99.4	66.5	90.5
	26.7	33.3	60.6	64.7	80.1	91.0	69.1	61.6	62.3
oft	47.5	66.9	124.3	144.6	150.7	156.7	152.3	174.8	222.8
	6.6	15.7	20.5	19.1	20.3	23.4	32.2	29.1	29.0
	94.7	161.5	177.1	160.3	189.7	206.6	221.8	233.1	252.2
	61.1	80.1	110.7	125.9	131.3	128.2	129.5	144.3	211.4
	135.6	188.8	253.5	340.3	404.2	406.8	384.2	570.0	560.3
	47.6	107.0	130.6	185.4	149.0	152.4	206.2	216.2	173.2

U.S. National Oceanic and Atmospheric Administration, *Prices Received by Fishermen*, H.S. No. 12 (C.F.S. No. 4657 Tehery Statistics of the United States, annual.

#### NO. 754. MEDIAN PURCHASE PRICE OF EXISTING ONE-FAMILY HOUSES: 1980 TO 1986 INSERT OF THE PROPERTY OF THE PROP

METROPOLITAN AREA				PRICE				AVERAGE PERCENT	
METROPOLITAN AREA	1980	1981	1982	1983	1984	1985	1986	1980- 1985	1985- 1986
	81.8	88.3	96.0	97.5	98.3	106.7	119.8	5.5	12.5
VID.		82.5	76.6	79.6	84.5	101.4	123.7	7.9	22.0
rence-Lowell, MA-NH SCSA		77.5	77.5	91.0	102.5	127.3	153.4	12.6	20.5
ry, IL-IN SCSA	78.0	80.9	87.6	92.8	90.7	98.7	113.3	4.8	14.6
Vkron-Lorain, OH SCSA	63.8	73.4	75.1	73.3	73.2	73.8	84.4	3.0	14.4
OH.	65.7	82.8	78.8	77.7	72.7	79.4	85.1	3.9	7.1
		107.4	97.2	104.5	109.2	124.1	130.5	6.8	5.2
ilder, CO.,		79.8	85.4	119.3	115.3	131.6	152.7	10.5	16.0
Arbor, MI SCSA		77.3	85.0	73.8	75.3	78.4	82.0	2.9	4.6
-Winston Salem-High Point, NC	63.6	64.5	70.1	74.6	70.6	82.4	88.7	5.3	7.6
I aanuaring to the state of the		117.8	129.1	135.0	138.7	150.6	161.6	4.8	7.3
liveston, TX SCSA	85.7	87.8	90.2	101.8	94.8	101.1	114.2	3.4	13.0
, IN		69.2	70.0	71.2	67.2	71.4	81.7	3.4	14.4
MO-KS		76.7	80.1	78.0	80.3	90.5	97.6	7.1	7.1
s-Long Beach-Anaheim, CA SCSA	1107	116.2	122 3	133.4	132.0	142.9	156.1	5.2	9.2
CY-IN		61.0	59.1	61.9	61.1	70.0	73.1	3.7	4.4
Lauderdale, FL SCSA	75.3	89.5	89.0	80.6	84.7	89.3	99.3	3.5	11.2
Racine, WI SCSA	84.9	79.4	85.7	80.8	82.2	83.7	88.6	3	5.9
-St. Paul, MN-WI		89.5	95.8	95.3	103.4	115.4	132.9	7.4	15.2
Newark-Jersey City, NY-NJ-CT SCSA		97.1	102.7	114.6	126.5	139.4	158.0	8.3	13.3
-Wilmington-Trenton, PA-DE-NJ-MD SCSA	62.6	66.3	65.0	71.7	75.9	81.4	97.7	5.4	20.0
2		103.8	91.3	97.2	101.4	116.6	130.3	4.7	11.7
PA		59.2	66.8	68.0	67.7	72.5	81.9	2.3	13.0
R-WA	75.5	81.0	95.5	81.6	86.9	92.6	110.8	4.2	19.7
NY		59.5	67.B	72.1	73.8	84.2	91.3	7.9	8.4
10-IL		71.8	63.9	71.0	73.2	75.7	81.4	6.0	7.5
lity-Ogden, UT	73.2	84.4	86.5	78.0	92.2	92.9	120.9	4.9	30.1
CA	105.7	107.4	118.0	124.6	122.9	141.7	148.9	6.0	5.1
sco-Oakland-San Jose, CA SCSA	122.9	130.8	137.6	144.2	143.4	154.9	167.5	4.7	8.1
oma, WA SCSA	82.2	86.9	94.8	96.1	97.8	102.7	123.5	4.6	20.3
Petersburg, FL	64.0	75.0	83.8	76.4	78.1	79.1	88.1	4.3	11.4
I, DC-MD-VA	100.1	1123	126.4	130.0	131.7	152.6	156.6	8.8	2.6

Federal Home Loan Bank Board, Savings and Home Financing Source Book, annual.

NO. 755. CONSUMER PRICE INDEXES OF RESIDENTIAL RENTS IN SELECTED SMSA'S: 1980 TO 1986
[1987 - 190. Annual averages of monthly figures, except as indicated. Minus sign (-) indicates decrease. See Appendix III]

SMSA I		CON	SUMER	PRICE II	NDEX			,	PERCENT	CHANGE		
SMSA '	1980	1982	1983	1984	1985	1986	1980	1982	1983	1984	1985	1986
rea pricing schedule 1: 2	100	1.00				1000				7.1	10.5	
Anchorage, AK (Oct. 1967 = 100)	158.3	206.6	239.3	248.6	245 5	237 4	-1.7	22.2	15.8	3.9	-1.2	-33
Baltimore, MD	173 A	204.6	221.5		248.7	264.6	6.3	9.0	8.3	6.0	5.9	6
Boston, MA.	198.8	245.5	262.0	277.3		321.8	8.6	10.3	6.7	5.8	8.0	7
Cincinnati, OH-KY-IN	169.1	191.8	200.2		217.4	228.1	9.0	4.5	4.4	4.3	4.1	4
Denver-Boulder, CO	186 B		244.0		262.4	265.9	10.7	11.5	6.8	4.7	2.7	1
Miami, FL		150.0	155.7	156.8	160.3	163.6	13.7	6.3	3.8	.7	2.2	2
Milwaukee, WI	179.6	208.8	221.0	231.1	243.6	254.9	6.5	8.4	5.8	4.6	5.4	4
Northeast, PA	220.7	238.1	251.7		275.3	285.1	6.5	3.8	5.7	3.4	5.8	3
Portland, OR-WA	202.6	222.5	227.1	231.7	241.9	251.0	7.5	2.5	2.1	2.0	4.4	3
St. Louis, MO-IL	165.6	191.8	202.4	213.3	225.7	237.3	11.1	7.0	5.5	5.4	5.8	5
San Diego, CA	225.3	263.5	286.4	313.6	347.4	374.0	9.6	8.3	8.7	9.5	10.8	7
Seattle-Everett, WA		245.2	247.6	254.8	265.9	278.3	15.9	2.3	1.0	2.9	4.4	4
Washington, DC-MD-VA	197.2	233.8	251.2	266.3	287.6	305.1	8.8	8.5	7.4	6.0	8.0	6
rea pricing schedule 2: 3	1					0.001			10.00	4,0		1 2
Atlanta, GA	168.2	199.9	214.2	226.4	245.0	262.1	10.4	6.1	7.2	5.7	8.2	7
Buffalo, NY	177.2	195.6	206.5		228.8	239.8	4.7	5.6	5.6	4.6	5.9	4
Cleveland, OH		190.5	199.8	207.7	218.6	229.4	7.6	6.0	4.9	4.0	5.2	1
Dallas-Fort Worth, TX	191.2	228.6	247.7	259.8	270.7	280.0	10.8	8.3	8.4	4.9	4.2	3
Honolulu, Hl	206.1	240.7	253.0	269.0	281.9	297.3	10.0	7.1	5.1	6.3	4.8	. 5
Houston, TX	182.8	223.6	230.4	225.5	220.5	219.5	6.2	12.5	3.0	-2.1	-22	-
Kansas City, MO-KS	160.3	187.2	199.2	212.7	226.9	235.4	7.4	7.6	6.4	6.8	6.7	3
Minneapolis-St. Paul, MN-WI	195.2	231.1	244.5	254.4	270.9	284.1	11.0	7.8	5.8	4.0	6.5	4
Pittsburgh, PA	185.3	211.6	223.6	231.0	243.4	257.2	6.6	6.6	5.7	3.3	5.4	5
San Francisco-Oakland, CA	214.3	258.8	284.4	308.3	333.3	361.1	12.6	9.6	9.9	8.4	8.1	8

<sup>&</sup>lt;sup>1</sup> See headnote, table 741 and text, section 15. 
<sup>2</sup> Collected in odd months. 
<sup>3</sup> Collected in even months.

#### No. 756. Consumer Price Indexes of Fuels and Utilities: 1970 to 1986

[1967=100. Represents all urban consumers. Annual averages for cities combined. See text, section 15. See also Historical Statistics, Colonial Times to 1970, series E 203-211]

ITEM	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
Consumer price index, all items	116.3	161.2	195.4	217.4	246.8	272.4	289.1	298.4	311.1	322.2	328.
Fuels and other utilities	107.6	167.8	216.0	239.3	278.6	319.2	350.8	370.3	387.3	393.6	384.7
Gas (piped) and electricity	107.3	169.6	232.6	257.8	301.8	345.9	393.8	428.7	445.2	452.7	446.7
Utility (piped) gas	108.5	172.5	263.1	305.3	363.9	414.9	497.2	580.1	584.4	580.4	552
Sasoline, regular and premium	105.6	170.8	196.3	265.6	369.1	410.9	389.3	376.3	370.2	373.3	291
Electricity (composite)								330.6			369
Fuel oil, coal, and bottled gas			298.3			675.9					501
ruel oil No. 2	109.3							637.7			489
Telephone services, residential		125.3		132.4	135.7	147.7		173.3			204
Water and sewer service, residential		169.9	232.6		259.8					398.3	419

Source of tables 755 and 756: U.S. Bureau of Labor Statistics, CPI Detailed Report, January issues.

#### No. 757. AVERAGE PRICE OF RESIDENTIAL UTILITY (PIPED) GAS, ELECTRICITY, AND FUEL OIL No. 2 IN SELECTED AREAS: 1985 AND 1986

[In dollars per unit shown. One therm contains approximately 100 cubic feet of natural gas. As of January, See Appendix III]

STANDARD METROPOLITAN	(PIPED (100 th	) GAS		RICITY kWh)		LOIL J. 2 Ion)	STANDARD METROPOLITAN	(PIPED (100 th	) GAS		RICITY kWh)	FUEI No (gal	.2
STATISTICAL AREA	1985	1986	1985	1986	1985	1986	STATISTICAL AREA	1985	1986	1985	1986	1985	1986
U.S. city average 1	61.88	58.70	40.12	40.88	1.075	.835	L.A., Long Beach- Anaheim	64.95	65.72	40.08	43.17	(NA)	(NA)
Anchorage		34.90	36.11	38.29	1.115	.954	Miami	67.88			45.43	(NA)	(NA)
Atlanta	63.67	63.88	34.59	36,17	1.094	.759	Milwaukee	67.08	64.06	37.09	37.78	.997	.821
Baltimore	65.40	65.10	41.68	41.60	1.082	.874	MinnSt. Paul	59.28	53.33	34.32	36.32	1.056	.828
Boston	74.65	70.67	42.36	43.28	1.120	.831	New York	81.23		64.85	63.65	1.127	.895
Buffalo		61.65	38.69	41.80	1.017	.860	Northeast PA	71.94		41.69	44.64	1.005	.767
Chicago	54.22	48.45	50.92	52.82	1.132	.885	Philadelphia	73.69	70.84	46.76	52.12	1.082	.859
Cincinnati	58.45	55,16	37.49	37.36	1.052	.807	Pittsburgh	61.58	60.06		42.36	.972	.730
Cleveland	52.67	51.11	46.10	49.76	1.093	.884	Portland, OR	65.79	62.43	24.06	24.54	1.007	.708
Dallas 3	49.77		41.75	38.81	(NA)	(NA)	St. Louis	60.56	53.94		41.30	1.029	.737
Denver-Boulder	54.25		41.06	39.64	(NA)	(NA)	San Diego	69.67	64.96	64.41	59.63	(NA)	(NA
Detroit	63.87		41.79	45.65	1.090	.925	San Francisco-		100				100
Honolulu 3		129.81	42.65	42.65	(NA)	(NA)	Oakland	60.01			39.83	(NA)	(NA)
Houston		42.17	42.33	38.24	(NA)	(NA)	Seattle-Everett	65.58	57.08	21.19	16.92	1.143	
Kansas City	45.73	41.73	36,72	36,32	(NA)	(NA)	Wash., DC	73.90	71.05	36.50	38.92	1,149	.903

NA Not available. <sup>1</sup> Excludes Honolulu. <sup>2</sup> Includes Ft. Worth. <sup>2</sup> Prices are for synthetic natural gas and propone only. Source: U.S. Bureau of Labor Statistics, *CPI Detailed Report*, monthly.

## No. 758. Average Monthly Residential, Commercial, and Industrial Bills for Electricity: 1980 to 1986

(in deliars. As of January 1. Represents composite everages, derived using census data; for 1980 data, the 1970 census was used; thereafter, 1980 Census was used. Residential, for cities of 2,500 or more population; commercial and industrial, for 455 large cities in United States and Puerlo Rico. kW=Kliowetts; kWh=Kliowett-hours. See source for coverage detail]

ITEM	1980	1984	1985	1986, prel.	ПЕМ	1960	1984	1985	1986, prel.
RESIDENTIAL Average bill, dollars: 500 kWh. 750 kWh. 1,000 kWh. Average bill, cents per	27.80 36.94 48.79	40.18 54.76 72.77	41.86 57.86 76.37	42.54 58.79 77.50	COMMERCIAL—Con.  Average bill, cents per kWh: 6 kW, 750 kWh. 12 kW, 1,500 kWh. 30 kW, 6,000 kWh. 40 kW, 10,000 kWh.	7.5 7.6 6.4 5.9	10.0 10.3 8.9 8.3	10.7 10.9 9.6 8.9	10.5 10.8 9.4 8.7
500 kWh	5.6 4.9 4.9	8.0 7.3 7.3	8.4 7.7 7.6	8.5 7.8 7.8	INDUSTRIAL  Average bill, dollars: 150 kW, 30,000 kWh 300 kW, 60,000 kWh 1,000 kW, 200,000 kWh Average bill, cents per	1,757 3,431 10,910	2,500 4,891 15,769	2,732 5,353 17,012	2,656 5,206 16,652
6 kW, 750 kWh	57 114 385 590	75 154 534 825	80 163 576 893	78 163 561 869	kWh: 150 kW, 30,000 kWh 300 kW, 60,000 kWh 1,000 kW, 200,000 kWh	5.9 5.7 5.5	8.3 8.2 7.9	9.1 8.9 8.5	8.9 8.7 8.3

# No. 759. NET MONTHLY RESIDENTIAL ELECTRIC BILLS (RANGE OF LOWEST TO HIGHEST) FOR 750 KILOWATT-HOURS USE, 1970 TO 1986, AND BY STATE, 1986

[In dollars. Based on rates as of January 1 for communities of 2,590 inhabitants or more. Beginning 1980, bill does not include water heating usage. For composition of regions, see fig. I, inside front cover)

YEAR, REGION, DIVISION, AND STATE	Low- est bill	High- est bill	DIVISION AND STATE	Low- est bill	High- est bill	DIVISON AND STATE	Low- est bill	High- est bill
		- 5	E. No. Cent.:	5.50		E. So. Cent.:	B	
1970	5.63	34.00	OH	32.07	71.68	KY	33.24	53.96
1975	6.75	59.09	IN	35.69	80.03	TN	33.91	41.38
1979	7.02	78.26	I I	20 50	75.30	AL		55.53
1980	7.92	92.79	ML		71.85	MS		63.25
1981	8.73	105.86	WI		52.22	W. So. Cent.:	00.01	
1982	8.25	119.53	W. No. Cent.:	30.73	JELE	AR	30.45	61.37
1983	8.25	119.53	MN	22.68	58.38	<b>A</b>		88.02
1984	8.25	117.03	IA		66.19	OK		76.72
	13.75	115.15			64.82			79.54
1985	13.75	115.15	MO	29.10	51.64	TX	24.40	10.04
1966, U.S	13.35	117.22	ND	23.63	70.15	MT	29.25	58.49
Region:	10.35	111.22	SD	29.45	56.15	MT		41.43
Northeast	13.65	117.22	NE	29.40	93.03	ID		50.61
Afirkanet	22.68	93.03	So. Atl:	33.26	93.03	WY	20.00	64.88
Midwest		88.02	00	60.66	70.00			72.48
South	24.48		- de la constitución de la const	44.70	73.82	NM,	28.35	83.82
West	13.35	109.56	MD	41.76	69.95	AZ	28.35	
N. Eng.:			DC	42.85	42.85	UT	24.46	67.81
ME	42.86	68.06	VA	36.04	57.50	_ NV	23.75	66.91
NH	51.99	67.43	W	37.79	54.17	Pac.:		40.00
VT	41.30	69.95	NC	43.61	71.64	WA	13.35	40.83
MA	40.50	83.98	SC	40.45	66.35	OR	17.75	39.93
RI	60.25	73.41	GA	29.00	64.75	CA	31.35	74.98
CT	59.62	77.27	FL	39.45	87.27	AK	23.70	75.70
Mid. Atl.:		1.55		100	100	Н	75.19	109.56
NY	13.65	117.22				10.7	1	
NJ	54.12	87.03						
PA	25.50	76.68		1				

Source of tables 758 and 759: Through 1975, U.S. Federal Power Commission, Typical Electric Bills, annual, thereafter, U.S. Energy Information Administration, Typical Electric Bills and unpublished data.

# NO. 760. AVERAGE PRICES OF SELECTED FUELS AND ELECTRICITY: 1973 TO 1986 [In dollars per unit, except electricity, in cents per kWh. Represents price to end-users, except as noted]

ITEM	Unit 1	1973	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
Crude oil, composite *	Barrel	4.15	10.38	12.46	17.72	28.07	35.24	31.87	28.99	28.63	26.75	14.55
Leaded regular Unleaded regular Unleaded premium	GallonGallon	.39 (NA)	.57 (NA) (NA)	.63 .67 (NA)	.86	1.19	1.31 1.38 1.47	1.22 1.30 1.42	1.16 1.24 1.38	1.13 1.21 1.37	1.12 1.20 1.34	.86 .93 1.09
No. 2 heating oil No. 2 diesel fuel	Gallon	(NA)	(NA) (NA)	.40 .38 .30	(NA) .52 .59	(NA) .79 .82	1.00	.91	.92	.92	.85	.56
Residual fuel oil	1,000 cu. ft	(NA) 1.29 2.54	1.71 3.51	2.56 4.31	2.98 4.64	3.68 5.36	.76 4.29 6.20	.68 5.17 6.86	.65 6.06 7.18	6.12 7.54	.61 6.12 7.79	5.82 7.41

NA Not available. <sup>1</sup> See headnote. <sup>2</sup> Refiner acquisition cost. <sup>3</sup> Average, all service. Source: U.S. Energy Information Administration, *Monthly Energy Review.* 

No. 761. SALES PRICE OF MOTOR GASOLINE, BY GRADE, AND STATE: 1986 AND 1987

[in cents per gallon. As of March. Represents all refinery and gas plant operators' sales through company-operated retail cutlets.

Gescline prices exclude excles taxes]

<b>67A**</b>	Geec- line excise	101	TAL	LEA REGI	DED JLAR		ADED ULAR	PRE	
\$TATE	taxes 1963 <sup>1</sup>	1903	1967	1983	1967	1986	1987	1905	1967
United States	* 13.0	96.6	64.0	81.3	00.4	96.6	62.7	77.9	74.0
Alabama	* 13.0	66.7	66.2	62.9	60.6	70.3	66.3	(M)	75.3
Alaska	8.0	116.6	85.3	116.7	69.0 66.3	116.5	82.3	93.3	91.3
Artzona	16.0	75.8	72.4	69.8	66.3	77.5	72.2		84.0
Arkanees	13.5	62.4	60.2	59.5	56.9	63.6	80.6	71.2	69.1
California	* 9.0	70.6	66.8	63.2	63.5	71.2	67.5	86.6	81.5
Colorado	18.0	58.6	62.2	54.6	57.5	60.6	63.6	66.5	72.4
Connecticut		82.5	66.6	70.5	61.5	62.1	65.9	91.7	77.0
Delewere	11.0	67.3	84.6	62.5	60.2	65.0	62.2	80.2	73.4
District of Columbia	15.5	(D)		(D)			(D)		
Floride	2 9.6	71.9	(D) 62.5	(D) 63.5	(D) 56.8	71.7	61.0	84.0	74.6
Georgia	7.5	67.8	84.2	59.8	56.2	67.5	62.3	79.9	76.5
Hewei	2 11.0	84.5	83.6	56.2	74.4	97.3	66.0	107.2	
deho	14.5	70.0	62.6	68.8	80.9	70.7	62.8	94.9	80.7
	2 13.0	63.9	66.1	58.8	67.4	63.5	62.7	68.6	75.2
ndiene	14.0	57.6	61.7	54.8	58.9	57.2	61.4	62.6	96.4
owa	16.0	61.5	63.9	60.1	61.9	61.9	64.9	66.1	87.1
Kenness		62.2	62.7	61.4	60.6	61.4	62.7	65.9	69.2
Kentucky	15.0	63.0	83.4	56.6	59.0	64.3	62.2	72.4	73.2
Louisiene	16.0	69.4	61.3	62.1	56.3	68.6	59.3	80.5	70.3
Maine		79.1	71.4	75.0	66.5	78.5	8.00	89.7	81.4
Waryland	13.5	72.3	63.8	67.8	59.4	71.0	61.5	82.7	72.5
Messachusetts	11.0	79.1		71.7	(MA)	77.1	(NA)	90.1	(MAA)
Vichigen		62.0	(NA) 50.9	57.8	(NA) 57.6	62.3	(NA) 58.9	71.7	800
Minnescia		67.3	63.6	64.0	61.2	69.8	64.1	72.4	68.6
Mississippi		68.0	67.1	62.9	62.5	68.8	67.5	79.0	75.0
Vissouri	7.0	59.7	62.7	57.1	59.8	60.4	62.3	71.2	72.0
Montana		63.1	61.9	63.2	61.3	62.7	62.1	84.4	64.6
Nebraeke	190	62.5	67.6	60.8	67.9	63.4	67.3	65.4	89.1
Neveda	a 11.25	73.4	61.4	68.6	57.8	75.7	62.1	67.1	71.4
New Hampehire	14.0	60.0	(NA)	73.8	(NA)	79.0	(NA)	69.8	79.5
New Jersey	8.0	77.6	67.3	70.1	59.4	74.4	62.3	68.0	79.5
New Mexico		74.4	64.6	72.9	61.0	74.7	66.3	87.3	74.4
New York	* 8.0	73.3	65.9	86.8	61.9	72.1	63.5	66.7	76.0
North Carolina.	15.5	64.6	84.4	57.1	57.9	84.3	62.9	77.8	74.5
North Dakota		70.9	68.6	73.7	65.8	70.7	67.1	64.6	70.0
Ohio	12.0	62.3	65.7	56.3	80.7	61.5	63.6	77.8	78.0
Oklahoma		54.3	61.2	52.0	58.3	54.6	80.8	80.9	96.0
Oregon		71.6	60.1	68.4	57.6	73.4	80.3	84.2	72.4
Penneylvenie	12.0	68.3	62.6	84.7	58.2	65.7	59.9	79.7	74.7
Rhode Island		74.9	68.1	68.8	61.0	72.5	64.6	62.1	74.0
South Ceroline	13.0	60.6	62.9	54.6	57.5	60.9	62.4	71.8	72.1
South Dekote	13.0	69.8	63.5	68.4	63.8	70.8	62.9	77.2	74.6
Tennesses	17.0	64.3	61.7	57.5	58.2	65.5	60.6	76.3	72.4
Texas	10.0	68.7	62.0	62.6	58.0	67.9	60.5	81.6	72.1
Utah	14.0	58.8	61.7	57.5	58.7	59.3	82.1	65.7	70.4
Vermont	13.0	79.7	73.8	73.3	67.0	79.8	72.1	90.2	84.1
Virginia	* 15.0	75.1	65.3	67.3	56.9	75.4	62.7	66.1	78.0
Washington	18.0	67.3	61.4	61.9	57.7	69.3	61.1	80.9	73.3
West Virginia		70.1	68.5	65.1	63.7	60.9	67.3	83.0	78.1
Meconein		62.0	62.2	60.6	80.3	61.9	61.6	71.3	70.0
Wyoming		75.1	66.1	70.8	65.0	70.8	65.4	(D)	79.0
	1	,	,	1	1		1	, ,-,	

D Withheld to avoid disclosure of data. NA Not available. X Not applicable. <sup>1</sup> Source: U.S. Advisory Committee on Intergovernmental Relations, Significant Features of Flecal Federation, 1986-87 Edition, based on CCH, State Tax Reporter.

<sup>3</sup> Plus local taxes, if any.

Source: Except as noted, U.S. Energy Information Administration, Petroleum Marketing Monthly.



Section 16

# Banking, Finance and Insurance

This section presents data on the Nation's finances, various types of financial institutions, money and credit, securities, and insurance. The primary sources of these data are publications of several departments of the Federal Government, especially the Treasury Department, and independent agencies such as the Federal Deposit Insurance Corporation, the Federal Reserve System, and the Securities and Exchange Commission. National data on insurance are available primarily from private organizations, such as the American Council of Life Insurance.

Flow of funds.—The flow of funds accounts of the Federal Reserve System (see tables 765 to 769) bring together statistics on all of the major forms of financial transactions and financial claims to present an economy-wide view of asset and liability relationships. In flow form, the accounts relate borrowing and lending to one another and to the nonfinancial activities that generate income and production. Each claim outstanding is included simultaneously as an asset of the lender and as a liability of the debtor. The accounts also indicate the balance between asset totals and liability totals over the economy as a whole. Several publications of the Board of Governors of the Federal Reserve Bulletin, Flow of Funds Accounts (quarterly), and Annual Statistical Digest; and concepts and organization of the accounts, in Introduction to Flow of Funds (June 1980).

Banking system.—Banks in this country are organized under the laws of both the States and the Federal Government and are regulated by several bank supervisory agencies. State- chartered banks are supervised by officials of the respective States. National banks are supervised by the Comptroller of the Currency. Reports of Condition have been collected from national banks since 1863. Summaries of these reports are published in the Comptroller's Annual Report, which also presents data on the structure of the national banking system.

The Federal Reserve System was established in 1913 to exercise central banking functions, some of which are shared with the U.S. Treasury. It includes national banks and such State banks as voluntarily join the System. Statements of State bank members are consolidated by the Board of Governors of the Federal Reserve System with data for national banks collected by the Comptroller of the Currency into totals for all member banks of the System. Balance sheet data for member banks and other commercial banks are published quarterly in the Federal Reserve Bulletin.

The Federal Deposit Insurance Corporation (FDIC), established in 1933, insures each depositor up to \$100,000 currently in banks that are members of the Federal Reserve System and in such nonmember banks as join the insurance fund. Major item balance sheets for all commercial banks are published monthly in the Federal Reserve Bulletin.

Savings institutions and other credit agencies.—Savings institutions, insurance companies, finance companies dealing primarily in installment sales financing, credit unions, and personal loan companies represent important sources of funds for the credit market. Savings institutions are primarily involved in credit extension in the form of mortgage loans. Statistics on savings institutions are collected by the Federal Home Loan Bank Board. Statistics on loans, investments, cash, etc., of life insurance companies are published principally by the American Council of Life Insurance in the Life Insurance Fact Book. Consumer credit data are published currently in the Federal Reserve Bulletin.

Federally chartered credit unions are under the supervision of the National Credit Union Administration, established in 1970. State-chartered credit unions are supervised by the respective State supervisory authorities. The Administration publishes comprehensive program and statistical information on all Federal and federally insured State credit unions in the Annual Report of the National Credit Union Administration. Deposit insurance (up to \$100,000 per account) is provided to members of all Federal and those State credit unions that are federally-insured by the National Credit Union Share Insurance Fund which was established in 1970. Deposit insurance for State chartered

credit unions is also available in some States under private or State- administered insurance programs.

Government corporations and credit agencies make available credit of specified types or to specified groups of private borrowers, either by lending directly or by insuring or guaranteeing loans made by private lending institutions. Data on operations of Government credit agencies, along with other Government corporations, are available in reports of individual agencies; data on their debt outstanding are published in the Federal Reserve Bulletin.

Currency.—Currency, including coin and paper money, represents more than one-fourth of all media of exchange in the United States, with most payments made by check. All currency is now issued by the Federal Reserve Banks.

Securities.—The Securities and Exchange Commission (SEC) was established in 1934 to protect the interests of the public and investors against malpractices in the securities and financial markets and to provide the fullest possible disclosure of information regarding securities to the investing public.

Insurance.—Insuring companies, which are regulated by the various States or the District of Columbia, are classified as either life or property. Companies that underwrite accident and health insurance only and these that underwrite accident and health insurance in addition to one or more property lines are included with property insurance. Insuring companies, other than those classified as life, are permitted to underwrite one or more property lines provided they are so licensed and have the necessary capital or surplus.

There are a number of published sources for statistics on the various classes of insurance—life, health, fire, marine, and casualty. Individual States collect data on all insurers operating within their respective jurisdictions, and many of the States publish an annual insurance report giving individual company data and aggregates of certain items for the companies operating within the State. Organizations representing certain classes of insurers publish reports for these classes. Among them are the annual commercial publishers, such as The National Underwriter Company whose Argus Health Chart (annual) contains financial and operating data for individual health and accident insurance companies, including Blue Cross and Blue Shield Plans. The American Council of Life Insurance publishes statistics on life insurance purchases, ownership, benefit payments, and assets in its annual Life Insurance Fact Book.

Historical statistics.—Tabular headnotes provide cross- references, where applicable, to Historical Statistics of the United States, Colonial Times to 1970. See Appendix IV.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986*. For cross-references, see Appendix V.

No. 762. GROSS NATIONAL PRODUCT IN FINANCE, INSURANCE, AND REAL ESTATE IN CURRENT AND CONSTANT (1962) DOLLARS: 1970 TO 1986

(in billions of dollars, except percent. For definition of gross national product, see text, section 14. Based on 1972 Standard Industrial Classification)

MOUSTRY	1970	1975	1970	1983	1981	1982	1995	1984	1995	1985
CURRENT DOLLARS										
Finance, incurance, real estate, total	145.8	221.7	363.3	400.6	440.3	475.1	536.4	572.8	622.8	006.0
Percent of gross national product	14.4	13.9	14.5	14.7	14.7	15.0	15.8	15.2	15.5	16.4
Benking	18.4	25.8	45.8	51.1	54.4	59.8	68.1	70.8	68.9	60.0
Credit agencies other than banks	1.7	3.3	7.2	5.5	6.5	5.4	10.6	9.8	12.5	14.1
Security and commodity brokers, and serv-		!			l					
ices	3.3	5.0	7.7	9.7	11.4	13.1	20.7	19.7	25.1	32.0
Insurance carriers	11.6	17.2	34.0	37.0	34.7	29.8	36.5	34.9	38.8	53.6
insurance agents and brokers, end services	4.8	7.8	12.9	14.4	15.5	17.0	17.6	20.1	22.5	25.7
Real estate	105.4	161.8	254.7	281.5	318.7	342.7	374.2	409.1	441.3	483.1
Holding and other investment companies	.6	.7	.9	1.3	8.1	7.2	8.7	8.5	13.6	15.4
CONSTANT (1982) DOLLARS										
Finance, insurance, real estate, total	320.7	967.6	489.2	464.3	474.2	475.1	400.6	906.6	622.8	8813
Percent of gross national product		14.4	14.4	14.6	14.6	15.0	14.9	14.5	14.5	14.0
Benking	38.2	46.4	54.2	56.7	58.8	50.8	80.5	81.0	61.9	63.0
Credit agencies other than banks	3.4	4.1	5.1	5.2	5.4	5.4	6.0	6.6	7.0	7.7
Security and commodity brokers, and serv-									'''	l '''
loes	9.1	7.9	9.4	10.7	12.1	13.1	14.9	16.1	16.6	184
Insurance carriers	21.3	25.3	28.6	28.6	28.9	29.8	30.1	31.5	33.6	37.7
Insurance agents and brokers, and services	13.7	16.0	17.9	17.3	17.1	17.0	17.4	17.8	18.6	213
Real estate	232.2	283.4	337.8	339.6	345.3	342.7	362.7	365.3	375.6	300
Holding and other investment companies	2.8	4.5	6.2	8.3	6.5	7.2	7.4	8.2		

Source: U.S. Bureau of Economic Analysis, The National Income and Product Accounts of the United States, 1999-82, and Survey of Current Business, July Issues.

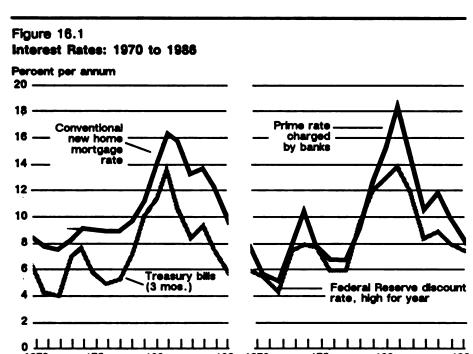
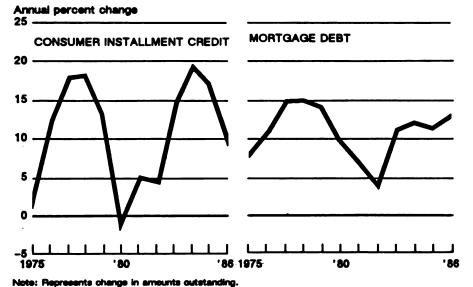


Figure 16.2

Consumer Installment Credit Outstanding and Mortgage Debt

Outstanding-Annual Percent Changes: 1975 to 1986

Source: Chart prepared by U.S. Bureau of the Census. For data see tables 803 and 805.



Source: Chart prepared by U.S. Bureau of the Census. For data see tables 793 and 793.

#### No. 763. Persons Working in Finance, Insurance, and Real Estate Industries: 1970 to 1986

[In thousands. Data represent worker-years of full-time equivalent employment by persons working for wages or salaries and number of active partners and proprietors of unincorporated businesses who devote a majority of their working hours to their unincorporated businesses. Based on 1972 Standard Industrial Classification]

INDUSTRY	1970	1976	1970	1983	1981	1983	1983	1984	1985	1905
Pinance, insurance, real estate, total	3,740	4,406	5,306	5,461	5,622	6,725	5,306	6,137	6,363	6,844
Benking	1,010 350	1,225 426	1,430 533	1,497 546	1,554 563	1,580 564	1,586 620	1,600 686	1,625 734	1,853 807
Insurance carriers		192 1,053 440	228 1,198 539	259 1,225 563	292 1,238 598	317 1,238 623	360 1,236 628	390 1,249 665	409 1,276 686	1,336 719
Real estate Holding and other investment companies		987 82	1,263 114	1,286 115	1,259 120	1,273 132	1,344 135	1,407 150	1,470 163	1,503 177

Source: U.S. Bureau of Economic Analysis, The National Income and Product Accounts of the United States, 1929-82, and Survey of Current Business, July Issues.

### No. 754. FINANCE, INSURANCE, AND REAL ESTATE—ESTABLISHMENTS, EMPLOYEES, AND PAYROLL: 1980 TO 1985

[Excludes government employees, railroad employees, self-employed persons, etc. For statement on methodology, see Appendix III]

10.1		ES	TABLISHME	NTS	EMPL	OYEES (	1,000)	Pay
SIC 1 code	INDUSTRY	1980	1984	1985	1980	1984	1985	roll 198 (bil dol.
(H)	Finance, insurance, real estate	420,976	477,750	487,750	5,278	5,783	6,004	131.
60	Banking *	46,184	51,358	52,215	1,497	1,569	1,588	30.
601	Federal reserve banks	50	82	86	21	24	24	
602	Commercial and stock savings banks	41,906	46,372	47,174	1,380	1,432	1,451	27.
603	Mutual savings banks	2,223	2,433	2,476	59	69	(D)	(r
605	Functions closely related to banking	1,630	2,165	2,177	28	39	(D)	(0
61	Credit agencies other than banks 2	60,339	60,372	61,145	588	700	743	15.
612	Savings and loan associations	15,065	17,495	17,766	235	302	322	5.
613	Agricultural credit institutions	1,360	1,321	1,305	16	19	18	
614	Personal credit institutions		30,481	29,923	218	212	217	4.
615	Business credit institutions	2,416	2,979	2,933	50	65	73	1.
616	Mortgage bankers and brokers	4,652	7,352	8,419	63	96	105	2.
62	Security, commodity brokers and services <sup>8</sup>		17,547	18,843	215	332	338	16.
621	Security brokers and dealers		10,936	11,703	174	265	269	13.
622	Commodity contracts brokers, dealers		1,111	1,020	9	15	14	- O-
623	Security and commodity exchanges	110	138	124	6	7	7	
628	Security and commodity services	2,493	4,765	5,148	24	43	45	1.
63	Insurance carriers *		37,391	34,630	1,234	1,241	1,253	28.
631	Life insurance		15,522	14,871	563	561	565	13.
632	Medical service and health insurance *		1,735	1,917	125	129	145	3.
6321	Accident and health insurance	845	947	1,093	27	28	35	1.
6324	Hospital and medical service plans	725	780	815	97	100	109	2
633	Fire, marine, and casualty insurance	9,236	10,278	10,625	449	451	453	10.
635	Surety insurance		527	495	8	9	9	
636	Title insurance	2,714	2,657	2,721	51	48	(D)	(0
637	Pension, health, and welfare funds	. 3,157	6,013	3,160	33	37	22	1
64	Insurance agents, brokers and services	78,833	94,530	96,282	463	523	553	12.
65	Real estate 2	169,952	189,446	198,460	989	1,051	1,145	19.
651	Real estate operators and lessors	94,750	96,901	98,813	462	453	470	6.
653	Real estate agents and managers		65,116	69,049	362	446	492	9.
654	Title abstract offices		2,986	3,019	21	21	21	1 0
655	Subdividers and developers 2	13,029	15,343	17,511	111	106	130	2.
6552	Subdividers and developers, n.e.c. <sup>a</sup>	7,581	9,007	10,108	72	66	87	1,
6553	Cemetery subdividers and developers	4,292	4,621	4,526	33	33	33	1
66	Combined real estate, insurance, etc	6,426	5,326	4,973	30	25	24	13
67	Holding and other investment offices 2	13,135	19,943	19,258	140	181	193	5.
671	Holding offices	3,605	5,262	5,664	63	86	97	3.
672	Investment offices		843	803	7	8	8	
673	Trusts	4,240	7,521	6,280	40	46	46	1.
679	Miscellaneous investing	3,701	5,812	5,950	25	37	41	1
	Administrative and auxiliary	1,661	1,837	1,944	123	160	167	1 3

D Withheld to avoid disclosure of operations of individual establishments. 

<sup>1</sup> Standard Industrial Classification; see text, section 13.

<sup>2</sup> Includes industries not shown separately.

<sup>3</sup> N.e.c.=Not elsewhere classified.

Source: U.S. Bureau of the Ceneus, County Business Patterns, annual.

INSTRUMENT: 1986

In billions of dollers. As of Dec. 31. Preliminary. A - Assets; L - Liabilities, SDR - Special drawing rights, IMF - International Monetary Fund. RPs - Repurchase Agreements. "N.e.c." - Not essentied

	TOTAL	NT.	4	SIVATE D	PRIVATE DOMESTIC NONFINANCIAL INSTITUTIONS	NONFINA	ANCIAL IS	NSTITUT	SNO		U.S.	1				FINAN	FINANCIAL INSTITUTIONS	TITUTIO	NS		
			Total		Households	holds	Bus	Business	State and	_	GOVERNMENT	MENT	Total		Monetary	stary	Commercia	ercial	Nonbank	ank	Federal
TYPE OF INSTRUMENT	<	-	⋖	4	4	4	<	-	A A	* ~	<	_	•	-	<	-	4	_	4	_	agencies and mortgage pools
											1	1	1								<
Financial assets.	23,730.8 (x)	(x) 18,263.9	13,343.9 (x)	6,739.0	11,203.9 (x)	2,741.0	2,741.0 (x) (x)	3,423.1	10	(x) 575.0 (x)	83.2 (x) 2,	(x) 2,041.9 (x)	048.3 (x) 8,	(x) 8,835.4	275.4 (X (X) 275.	88	(x) 2,580.0	2,535.7	5,31	(x) 5,157.5 (x)	874.8 (X)
Gold stock and SDR's	19.5	11	1.	,		'			1	1	8.3	,	11.1	1	1.1	1					
Official foreign exchange	17.3	17.3	61	1.1			'		1.1	1 1	1.0	1 1	9.0	1 )	100	1 1	1 1	()	1.1	• •	
Treasury currency. SDR certificates	22.6	18.8	8628	4.1	5997		141.2		178	1	10 8	18.8	22.6	3008	22.6	157	1 4	10099		740	
ine and savings accounts	2,459.8	N	2,296.8	1	2,129.1		112.0		55.6	1	1.4	,	120.6 2.	459.B		1	3 1	303.2	120.6	1.156.7	1
Fed. funds and security HP's Money market fund shares	228.3		228.3	+ -+	228.3		40.5		92.9				132.9	228.3	1 1	1.1	1.1	186.5	7.00	228.3	32.1
Foreign deposits	267.2	46.6	24.5	4.1	287.2	1 1	24.5		1 1	1 1	1.1	105	22.2	256.7	1.1	1 1			22.2	7 836	' '
Pension fund reserves	1,967.4	-	1,967.4		1,967.4		1					169.6	-	797.8	1	1	1	-		797.8	1
Interbank claims	2 466.7	19.5	93503	•	9 350 3	•			( )		4.1	•	76.6	19.5	2.8	73.8	73.8	-54.2	1 690	487.6	•
Credit market instruments *	9,355.8	9,355.8	1,751.7 5	1,864.2	1,158.5	2,635,6	218.7	2,677.8	3374.5	50.82	54.91	9	892.6		221.5	1	173.3	176.8	3,665.7	459.5	832.2805.
U.S. Treasury securities *	1,811.7	1,811.7	629.1	1.	376.3	'	45.5		-207.2	•	-	811.7	914.5	1.	211.3	1	203.5	•	488.5		11.3
rederal agency securities	723.9	723.9	278.5	723 9	260.7	820	80.0	118.6	7.9	233		2 1	447.4	800.1	2		2028		244.6		N I
Corporate and foreign bonds	933.0	933.0	7.17	657.3	71.7	1		657.3		'	1	•	726.4	204.2	,	T	47.3	74.9	679.1	129.3	,
Morigages	2,562.8	2,562.8	236.3 2	580.1	150.3	1,690.6		869.4	98.0	1	54.4	(z) 2.	272.2	2.8	1	T	502.5	1	1.090.4	28	679.2
Bank loans, n.e.c.	764.2	764.2	97.0	701.2	' '	51.5	95.0	649	1 1				718.8	36.1		1 1	718.8	,	200	36.1	
Open-market paper	384.9	384.9	149.4	62.9	78.5	1	70.9	62.9	-	1	4.		227.4	225.9			11.1	43.1	216.3	182.7	7
Security credit	2 404 3	131.2	39.3	59.9	39.3	58.8					1	1	92.0	4.17			39.6		52.3	7.	'
Trade credit	735.3	621.7	646.8	581.2	-	30.5	646.8	526.5		24.5	1.9	28.3	29.7	1	,	1	1	1	29.7		
Taxes payable	1 530.3	12.0		10.2	100			10.2	22.9	•	14.2	17	1000	1.8	10	10	10	4		1.5	

Represents zero. X Not applicable. Z Less than \$50 million. Includes "rest of world", not shown separately. \* Assets shown at market value; norbank finance leadily setrouched to issued to issue of open-end investment companies for smooth processes. The processes of processes of processes of processes of processes of processes. \* Includes and other normarketable delicity and other services of processes of any agencies in the budget and by processes and other normarketable delicity by public.
 Issues backed by mortgage pools, and loss peticipation certification.
 Asset is controving on the processes of processes

Source: Board of Governors of the Federal Reserve System, Annual Statistical Digest.

# No. 766. FLOW OF FUNDS ACCOUNTS—FINANCIAL ASSETS OF FINANCIAL AND NONFINANCIAL INSTITUTIONS, BY HOLDER SECTOR: 1970 TO 1986

[in billions of dollars. As of Dec. 31. See also Historical Statistics, Coloniel Times to 1970, series X 192, X 229, X 821, and X 835]

SECTOR	1970	1975	1980	1981	1982	1983	1984	1985	1986
All sectors	4,654.7	7,077.5	13,098.6	14,200.1	15,338.6	17,028.1	18,690.2	21,232.9	23,730.8
Households	2,502.7	3.552.2	6,662.2	7,176,2	7,746.3	8,527.1	9,117.3	10,234.6	11,203.9
Nonfinancial business	415.8	616.9	1,082.9	1,156.9	1,178.5	1,296.9	1,401.6	1,511.0	1,616.5
Farm	10.8	14.8	24.2	26.1	27.9	29.1	31.2	33.6	36 3
Nonfarm noncorporate		44.4	64.3	69.9	73.5	73.6	85.8	100.9	110.3
Nonfinancial corporations		557.6	994.4	1,061.0	1,077.1	1.194.2	1,284.6	1,376.5	1,469 9
U.S. Government	88.2	120.2	223.6	255.2	292.0	302.7	334.1	369.6	383.2
U.S. Government-sponsored credit agencies and mortgage	10	1		1			4500		
pools	51.5	122.1	309.3	361.8	433.8	502.2	587.8	694.8	874.8
State and local government	71.7	128.5	216.1	223.8	246.5	284.1	330.6	448.7	523.5
Monetary authorities	86.1	124.8	173.8	182.0	194.4	203.9	218.5	243.4	275.4
Commercial banking 1	516.7	885.7	1,481.9	1,605.9	1,700.3	1,853.7	2,083.3	2,328.4	2,580.0
Domestic commercial banks	488.9	792.4	1,266.1	1,365.2	1,471.9	1,603.2	1,801.0	1,994.1	2,171.6
Foreign banking offices in U.S	9.3	29.2	101.2	117.3	87.3	91.9	103.4	131.1	169.8
Nonbank finance	823.0	1,343.8	2,549.1	2,818.4	3,131.9	3,555.1	3,996.3	4,629.4	5,318.1
Savings and loan associations 2	173.0	333.1	621.9	657.8	707.6	830.3	989.6	1,072.1	1,158.3
Life insurance	200.9	279.7	464.2	507.5	567.5	632.7	692.9	788,3	880.2
Other insurance		77.3	174,3	185.6	202.8	225.3	241.0	289.9	329.8
Private pension funds	110.4	212.6	467.4	477.6	549.1	648.7	659.1	757,4	826.3
Govt. retirement funds 3		104.8	198.1	224.2	262.5	311.2	356.6	432.1	502.7
Finance companies		99.1	205.0	230.2	242.3	269.9	308.3	357.9	412.1
Money market funds	-	3.7	74.4	181.9	206.6	162.5	209.7	207.5	228.3
Mutual savings banks *	79.3	121.1	171.5	175.3	174.3	194.4	204.7	218.8	239.2
Investment companies	46.8	43.0	63.7	64.0	90.0	130.1	162.5	283.0	487.6
Credit unions	18.0	36.9	69.0	72.3	82.7	98.3	113.0	137.2	165.8
Security brokers, dealers		18.5	36.1	38.8	42.9	48.0	53.5	77.1	79.2
Real estate investment trusts	3.9	14.0	3.3	3.2	3.5	3.5	5.6	8.1	8.6
Rest of the world	99.0	183.4	399.6	419.7	414.8	502.4	620.8	773.0	955.5

Represents zero. ¹ Includes other sectors not shown separately. ² See footnote 2, table 788. ² State and local. ¹ Includes Federal savings banks insured by Federal Deposit Insurance Corporation and a few insured by Federal Savings and Loan Insurance Corporation.

Source: Board of Governors of the Federal Reserve System, Annual Statistical Digest.

No. 767. FLOW OF FUNDS ACCOUNTS—ASSETS AND LIABILITIES OF HOUSEHOLDS: 1970 TO 1986
[As of December 31. See also Historical Statistics, Colonial Times to 1970, series X 114-147]

TYPE OF INSTRUMENT				(bil. dol.)					PERCEN STRIBUT	
	1970	1975	1980	1983	1984	1985	1986	1970	1980	1986
Total financial assets	2.502.7	3,552.2	6,662.2	8,527.1	9.117.3	10,234.6	11,203.9	100.0	100.0	100.0
Deposit and market instrument 1	796.3	1,267.3	2.181.7	2,989.1	3,421.2	3,784.2	4.039.6	31.8	32.7	36.1
Checkable deposits and currency	118.2	167.6	273.4	362.1	380.9	425.9	523.7	4.7	4.1	4.7
Small time and savings deposits	408.9	719.6	1.142.1	1,533.6	1,686.8	1,829.7	1.949.4	16.3	17.1	17.4
Money market fund shares	400.0	3.7	74.4	162.5	209.7	207.5	228.3	10.0	1.1	2.0
Large time deposits	17.4	44.5	133.1	126.1	197.5	194.6	179.7	7	2.0	1.6
Credit market instruments	251.8	332.0	558.6	804.8	946.3	1,126.5	1,158.5	10.1	8.4	10:
U.S. Government securities	105.8	130.7	258.4	421.0	531.8	589.9	597.4	4.2	3.9	5.3
Treasury issues		118.5	205.6	357.9	432.8	427.7	376.3	3.4	3.1	3.4
Savings bonds	52.1	67.4	72.5	71.5	74.5	79.8	93.3	2.1	1.1	1 %
Other Treasury		51.1	133.1	286.5	358.2	347.9	283.0	1.3	2.0	25
Agency issues	20.9	12.2	52.8	63.0	99.0	162.2	221.0		-8	2.0
Tax-exempt obligations	46.0	68.1	88.3					1.8	1.3	2:
Corporate and foreign bonds	36.2	65.9		161.7	190.2	249.6	260.7			
Corporate and foreign bonds	52.1		56.2	41.9	38.5	52.4	71.7	1.4	.8	13
Mortgages Open-market paper	11.8	58.4 8.9	116.4 39.3	145.1 35.1	151.1 34.6	152.2 82.4	150.3 78.5	2.1	1.7	13
Corporate equities	1000	641.0	1,166.7	1,454.2	1,490.7	1.948.0	2.350.3	29.1	17.5	21.0
Mutual fund shares		43.0	63.7	130.1		283.0	487.6	1.9	1.0	4
Other corporate equities	681.8	598.0			162.5					16.
Other corporate equities	081.8		1,103.0	1,324.0	1,328.2	1,665.0	1,862.8	27.2	16.6	
Life insurance reserves	130.7	166.5	216.4	240.8	246.0	256.7	267.2	5.2	3.2	2.
Pension fund reserves *		431.7	913.9	1,358.3	1,477.2	1,738.3	1,967.4	9.6	13.7	17.6
Equity in noncorp. business		1,000.7	2,096.3	2,365.4	2,356.5	2,356.1	2,404.3	23.1	31.5	21.5
Security credit	26.3	4.5	14.8 72.4	18.8	18.1	30.6 120.7	39.3 135.9	1.1	1.1	13
			200	35.5	107.12	12.0	5.7000			100
Total liabilities	500.9	791.4	1,508.9	1,925.3	2,157.5	2,462.9	2,741.0	100.0	100.0	106.
Credit market instruments		762.2	1,451.6	1,847.5	2,082.0	2,369.7	2,635.6	95.8	96.2	96.
Mortgages	309.0	494.5	974.8	1,213.6	1,344.8	1,493.8	1,690.6	61.7	64.6	61.
Installment consumer credit		168.7	301.4	383.6	460.8	543.2	586.3	21.1	20.0	21.
Other consumer credit		50.9	74.5	91.0	109.0	123.3	136.7	7.5	4.9	5.0
Tax-exempt debt		2.7	16.7	41.0	51.2	81.3	82.0	100	1.1	3.0
Bank loans, not elsewhere classified	6.9	13.9	29.5	41.5	36.7	44.8	51.5	1.4	2.0	1.
Other loans	20.9	31.5	54.7	76.5	79.4	83.3	88.4	4.2	3.6	3.
Security credit	10.4	12.1	27.2	37.7	34.6	51.3	59.9	2.1	1.8	2
Trade credit		9.4	17.2	24.0	25.8	28.0	30.5	1.1	1.1	1.1
Unpaid life insurance premiums *	5.1	7.7	12.9	16.1	15.1	13,9	15.0	1.0	.9	1 2

Represents zero. <sup>1</sup> Excludes corporate equities. <sup>2</sup> See also table 560. <sup>3</sup> Includes deferred premiums.
 Source: Board of Governors of the Federal Reserve System, Annual Statistical Digest.

## NO. 758. FLOW OF FUNDS ACCOUNTS—ASSETS AND LIABILITIES OF PRIVATE NONBANK FINANCIAL INSTITUTIONS, BY TYPE OF INSTRUMENT: 1986

[in billions of deliars. As of Dec. 31. Preliminary. A=Assets; L=Liabilities; "N.e.c."=Not elsewhere classified; RP's=Repurchase agreements]

TYPE OF INSTRUMENT	tot	AL1	LOAN	SS AND ASSO- ONS 2	INSUF		PRIV PENS FUN	SION	STATE LOC GOVER RETIRE	NMENT	FINA		COMP	
	A	L	A	L	A	L	A	L	A	L	A	L	A	L
Financial assets Liabilities	5,318.1 (x)	5,157.5	1,158.3 (X)	1,130.7	1,210.0 (x)	(x) 1,082.1	826.3 (x)	(x) 826.3	502.7 (x)	(x) 502.7	412.1 (x)	(x) 436.5	487.6 (x)	487.6
deposits	61.1	74.9	17.2	40.3	9.0	-	4.5	-	2.8	-	7.0	-	6.5	-
accounts	120.6	1,156.7	15.9	846.4	-		36.0	-	22.5	-		-	-	103
security RP's Money market	100.7	58.4	29.4	58.4	22.9	7	- (+	-	~	-	-	1.5	1 12	
fund shares	1.00	228.3		-	-	-	12	-	-	- 4	-	-		
Foreign deposits Reserves:	22.2	-	-	-	-	1 5	1 8		- 3	-	1 2	-	-	100
Life insurance Pension fund		256.7 1,797.8	-	1 3	1 2	256.7 468.8	113	826.3	1	502.7	1 3	-	1 13	100
Corporate equities Credit market	953.1	487,6	2	1 2	155.8	- 400.0	436.6	020.3	180.3	502,7	2	- 5	161.2	487.6
instruments	3,665.7	459.5	963.9	144.5	925.1	-	271.5	13	297.2	-	405.1	308.8	319.9	100
U.S. Treasury Federal	488.5	-	31.6	-	105.7	-	65,1	-	102.5	- 2	-	-	124.2	1
agency Tax-exempt	383.5 244.6	1	166.1	1	84.7 99.1	-	47.1	- :	47.2 .5	- 2	1	:	139.4	
foreign bonds Mortgages	679.1 1.090.4	129.3	664.7	12.0	352.8 195.4	-	122.2	-	131.4	-	67.5	115.6	46.9	13.
Consumer credit	310.5	2.0	50.6	1.3	190.4	1 5	9.0	1.5	15.6	- 2	162.8		1 3	1 3
Bankloans, n.e.c	0,0.5	36.1	50.0	23.9	-	.9	2		3	- 3	102.0	11.4	11.2	
paper Other loans		182.7 108.6	26.0 24.0	108.6	33.2 54.0	- 2	32.3	-	3	- 5	174.8	181.8	9.4	
Security credit		71.4				-		-	-	-	114.0	-	2	
Trade credit		-	1 4	1 4	29.7	1 0	-	-	-	-	-	-	-	1 3
Taxes payable Viscellaneous	312.6	1.5 564.7	131.9	41.0	67.5	.5 356.1	77.6	1	-	-6	-	127,6	-	

Represents zero or rounds to zero. X Not applicable. 

 <sup>1</sup> Includes mutual savings banks, credit unions, real estate rivestment trusts, and security brokers and dealers not shown separately.
 <sup>2</sup> Includes most Federal savings banks insured by FBLIC. A few of them are included with mutual savings banks, not shown separately.

Source: Board of Governors of the Federal Reserve System, Annual Statistical Digest.

No. 766. FLOW OF FUNDS ACCOUNTS—CREDIT MARKET DEBT OUTSTANDING: 1970 TO 1986
[In billions of dollars. As of Dec. 31. "N.e.c." = Not elsewhere classified]

ITEM	1970	1975	1979	1906	1981	1982	1982	1984	1986	1996
Credit market debt		2,623.9	4,251.2	4,684.6	6,185.4	5,645.9	6,308.9	7,207.9	8,263.2	9,366.0
Government	450.0	666.5	941.7	1,038.1	1,132.2	1,315.0	1,535.6	1,761.9	2,093.3	2,365.5
Federal	300.8	446.3	663.6	742.8	830.1	991.4	1,177.9	1,376.8	1,800.4	1,814.7
State and local		220.2	278.1	295.3	302.1	323.7	357.7	385.1	492.9	550.8
Non-government		1,957.4	3,309.5	3,648.6	4,053.2	4,330.9	4,773.3	5,446.0	6,169.9	6,980.2
Financial 1	120.4	260.6	497.6	563.0	664.9	757.8	852.0	990.7	1,179.2	1,442.2
Sponeored credit agencies *	38.9	60.3	137.0	162.6	195.0	210.4	211.8	242.2	263.9	276.1
Mortgage pools	4.6	28.5	94.8	114.0	129.0	176.5	244.9	289.0	368.9	529.8
Commercial banks *	11.2	38.3	69.6	62.7	100.3	117.4	132.2	147.8	156.0	149.5
Savings and loan			ľ	i .	1	ļ		l		
associations	11.0	19.1	50.3	57.8	73.4	75.9	73.9	93.2	115.5	144.5
Finance companies	50.8	74.9	134.6	133.3	151.7	158.5	170.1	191.2	245.0	308.8
Foreign	51.6	94.3	172.1	195.8	219.2	209.0	226.3	231.8	233.0	234.7
Private domestic nonfinancial	961.9	1,602.5	2.639.8	2.867.7	3.169.0	3,384.1	3.695.0	4,223.6	4,757.7	5,313.4
Corporations 1	354.5	545.3	835.4	914.2	1.019.4	1.069.2	1.151.5	1,344.9	1.514.0	1,705.3
Bonds	167.3	261.0	373.5	412.0	448.2	482.0	507.5	574.1	670.6	775.9
Mortgages		66.0	78.4	90.6	78.7	77.4	80.9	81.2	81.7	83.7
Bank loans, n.e.c	103.6	169.0	269.7	295.9	339.4	378.7	399.6	476.7	515.1	583.8
Nonbank finance loans	14.0	31.9	75.4	60.8	90.2	92.3	102.4	127.6	146.1	170.3
Individuals	627.5	1,057.2	1.804.4	1.973.5	2.149.6	2,274.9	2,543.5	2,878.7	3,243.7	3,606.1
By sector:			,				_,-			
Households	460.1	762.2	1.329.0	1.451.6	1.577.7	1.659.8	1.847.5	2.082.0	2.369.7	2.635.6
Ferm		82.0	144.6	159.8	176.4	183.2	187.5	187.5	173.2	158.2
Nonfarm noncorporate	100.0	213.1	330.8	362.2	395.5	431.9	508.5	609.1	700.8	814.3
By type of instrument:	1		1	1						
Mortgages	409.5	717.4	1.236.7	1.365.7	1,476.6	1,551.5	1,730.6	1.950.7	2.181.9	2,476.3
Consumer credit	143.1	219.6	371.4	375.9	398.5	418.1	474.8	569.9	666.5	723.0
Policy loans	17.0	25.5	35.9	42.6	50.0	54.2	55.2	56.6	56.5	56.3
Bank loans, n.e.c	29.8	46.5	63.0	74.6	88.1	101.0	108.9	107.6	111.5	117.4
Other loans		45.4	83.8	98.0	115.4	120.6	132.0	143.6	147.0	154.0
Tax-exempt debt		2.7	13.6	16.7	21.1	29.6	41.0	51.2	81.3	62.0

Represents zero.
 <sup>1</sup> Includes other types, not shown separately.
 <sup>2</sup> U.S. Government.
 <sup>3</sup> Includes bank affiliates.
 Bource: Board of Governors of the Federal Reserve System, Annual Statistical Digest.

No. 770. OWNERSHIP OF PUBLIC DEBT SECURITIES BY PRIVATE INVESTORS: 1970 TO 1986
[As of December, Per values, Estimated]

				AMOUNT (	bil. dol.)				PERCEN	T DISTR	RIBUTION	
INVESTOR	1970	1975	1980	1983	1984	1985	1986	1970	1975	1980	1985	1986
Total privately held	229.1	349.4	616.4	1,022.6	1,212.5	1,417.2	1,602.0	100.0	100.0	100.0	100.0	100.0
Commercial banks 1	62.7	85.1	112.1	188.8	183.4	192.2	230.1	27.4	24.4	18.2	13.6	14.4
Nonbank investors		264.2 90.8	504.3	833.8 133.4	1,029.1	1,225.0 154.8	1,371.9	72.6	75.6 26.0	81.8	10.9	85.6
Insurance companies	7.4	9.5	24.0	56.7	76.4	95.8	106.9	3.2	2.7	3.9	6.8	6.7
Money market funds	(NA) 7.3	(NA) 21.3	3.5	22.8	25.9	25.1	28.6	(NA)	(NA)	.6	1.8	1.8
Corporations a	7.3		19.3	39.7	50.1	59.0	68.8	3.2	6.1	3.1	4.2	4.3
State and local governments 4 Foreign and international 5	27.8 19.8	34.2 66.5	87.9 129.7	150.5	173.4	235.8 212.5	273.1 251.5	12.1	19.0	14.3	16.6	17.0
Other investors a	23.0	41.9	122.8	264.4	366.6	442.0	486.0	10.0	12.0	19.9	31.2	30.

NA Not available. <sup>1</sup> Consists of domestically chartered banks, U.S. branches and agencies of foreign banks, NY investment companies majority owned by foreign banks, and Edge Act corporations owned by domestically chartered and foreign banks. <sup>9</sup> Includes pastnerships and personal frust accounts. <sup>9</sup> Exclusive of banks and insurance companies. <sup>9</sup> Includes States and includes States and international accounts in the United States. <sup>9</sup> Consists of savings and loan associations, credit unions, mutual savings banks, nonprofit institutions, money market funds (for 1970 and 1975), corporate pension trust funds, and dealers and brokers. Also included are certain government deposit accounts and government-eponeored agencies.

Source: U.S. Dept. of the Treasury, Treasury Bulletin, quarterly.

NO. 771. SELECTED FINANCIAL INSTITUTIONS—NUMBER AND ASSETS, BY ASSET SIZE: 1986
[As of December]

		NUMBER OF	INSTITUTIONS	1		ASSETS	(bil. dol.)	
ASSET SIZE	F.D.I.C insured com- mercial banks <sup>1</sup>	F.S.L.I.C insured savings institu- tions <sup>3</sup>	F.D.I.C insured savings banks <sup>1</sup>	Credit unions <sup>2</sup>	F.D.I.C ineured com- mercial banks <sup>1</sup>	F.S.L.I.C insured savings institu- tions <sup>3</sup>	F.D.I.C insured savings benks <sup>1</sup>	Credit unions <sup>a</sup>
Total	914 3,668 3,664 2,899 2,236	3,227 392 556 710 1,156 413	472 1 6 21 45 85 217 97	14,883 10,477 1,530 1,483 600 353 238 12	2,940.9 .7 7.1 63.3 132.6 201.0 432.1 2,104.1	1,186.6 6.1 20.6 50.5 246.0 842.2	237.8 (Z) (Z) .4 1.6 6.5 50.1 176.4	147.7 14.0 10.8 23.4 20.9 24.4 43.1 11.1
		<u> </u>	<del></del>	PERCENT D	STRIBUTION	l	·	
Total	6.4 26.0 26.0 20.4	100.0 12.1 17.2 22.0 35.8 12.8	160.0 2 1.3 4.4 9.5 18.0 46.0 20.6	100.0 71.3 10.4 10.1 4.1 2.4 1.6	100.0 (Z) .2 2.2 4.5 6.8 14.7 71.5	100.0 .5 1.8 4.3 21.1 72.3	100.0 (2) (2) 2 .7 2.7 2.7 21.1 75.3	100.4 9.5 7.3 15.8 14.2 16.5 29.2 7.5

Z Less then \$50 million or .05 percent. 

<sup>1</sup> Source: U.S. Federal Deposit Insurance Corporation (F.D.I.C.), unpublished data

<sup>2</sup> Source: U.S. League of Savings Institutions, Washington, DC, Savings Institutions Sourcebook, annual, F.S.L.I.C.=Federa
Savings and Loan Insurance Corporation.

<sup>2</sup> Source: National Credit Union Administration, National Credit Union Administration, National Credit Union Administration
Yearsed Statetics 1985, Excludes nonfederally insured State chartered credit unions and federally insured corporate credit unions
Source: Compiled from sources listed in footnotes.

No. 772. FEDERAL RESERVE MEMBER BANKS—REVENUE AND EXPENSES: 1970 TO 1986
[Includes one member bank in the Virgin Islands]

ITEM	Unit	1970	1975	1979	1979	1986	1961	1982	1983	1994	1963	1995
Member banks	Number	5,769	5,790	5,564	5,425	5,422	5,474	5,619	5,807	5,961	6,034	6,900
Current revenue	Bil. dol	27.9	51.4	89.1	118.9	150.6	196.6	202.3	185.8	215.6	216.9	211,1
Expenses	Bill. dol	22.2	44.4	77.8	105.8	136.5	181.9	186.4	171.8	200.9	200.2	197.4
Not current earnings		5.7	7.0	11.3	13.1	14.2	14.7	13.9	14.0	14.7	17.8	17.1
Not income		3.8	5.5	7.8	9.2	9.9	10.6	10.7	10.8	11.2	13.5	13.4
declared	Bil. dol	1.8	2.5	2.9	3.5	3.9	4.4	4.9	5.5	5.7	6.3	6.5
Capital accounts 1	Bil. dol	33.0	50.0	61.5	67.1	73.7	90.9	96.7	96.7	106.6	117.8	126.2
Not current earnings	Percent	17.4	13.9	18.4	19.5	19.2	18.2	15.7	14.5	13.6	15.1	13.7
Not income	Percent	11.6	11.1	12.8	13.7	13.4	13.1	12.1	11.2	10.5	11.5	10.4
declared	Percent	5.3	5.0	4.8	5.2	5.3	5.5	5.5	5.7	5.3	5.4	5.1

<sup>&</sup>lt;sup>1</sup> Averages of amounts reported for varying call dates; for details, see source. Source: Board of Governors of the Federal Reserve System, Federal Reserve Bulletin, monthly.

### NO. 773. BANKS, BANKING OFFICES, AND DEPOSITS, BY INSURANCE STATUS AND CLASS OF BANK: 1986

[As of June 30]

				DEPO	errs (mil. d	ol.)	
	Benks	Benk- ing offices		Individue	ls, pertners corporations	hips and	
INSURANCE STATUS AND CLASS OF BANK	(num- ber)	(num- ber)	Total <sup>1</sup>	Total	Trans- action ac- counts <sup>2</sup>	Non- transac- tion accounts	Govern- ment
Total  F.D.I.CInsured banks *  Commercial banks National banks State (Federal Reserve, member bank) State (non-Federal Reserve member) Sevings banks Noninsured banks * Commercial banks Sevings banks	14,801 14,333 4,922 1,090 8,321 466	61,538 61,462 58,145 28,095 6,127 23,923 3,317 76 66 8	2,003,400 2,002,757 1,823,359 1,055,002 246,150 522,206 179,397 643 643 (NA)	1,808,205 1,807,776 1,828,379 943,485 212,242 472,649 179,397 429 (NA)	803,297 503,027 490,186 290,522 72,424 127,236 12,841 270 270 (MA)	1,304,908 1,304,749 1,138,193 652,963 139,818 345,411 186,556 159 (NA)	109,478 109,474 109,474 59,918 12,307 37,248 4 4 (NA)

<sup>-</sup> Represents zero. NA Not available. Includes other types of deposits, not shown separately. If A transaction account is a deposit or account on which the depositor or account holder is permitted to make withdrawels by negotiable or transferable instrument, payment orders of withdrawel, telephone transfera, or other similar devices for the purpose of making payments or transfers to others.

\*F.D.I.C.—Federal Deposit Insurance Corporation. Includes only those noninsured banks for which data are available.

Source: U.S. Federal Deposit Insurance Corporation, Data Book, Operating Banks and Branches, June 30, 1986, vol. 1.

#### No. 774, Banking Offices, by Deposit Insurance Status: 1970 to 1986

[As of December 31, Includes Puerto Rico and outlying areas. Beginning 1982 excludes automatic teller machines that were previously being reported by many banks as branches. See also Historical Statistics, Colonial Times to 1970, series X 716–724]

ITEM	1970	1975	1975	1983	1961	1983	1983	1984	1963	1983
All banking offices	37,186	47,230	54,926	57,232	50,346	57,913	50,050	60,067	50,050	61,867
Commercial banks, total	36,585	44,917	51,588	53,649	55,749	54,829	55,980	57,010	57,764	58,565
System	21,989 17,191	28,526 21,073	29,163 23,307	29,985 24,217	31,414 25,221	30,921 24,867	31,946 26,090	32,809 27,037	33,854 27,844	34,542 28,218
State banks	4,798	5,453 18,391	5,856 22,425	5,798 23,864	6,193 24,335	6,064 23,908	5,886 24,014	5,772 24,201	6,010 23,910	6,324 24,023
Insured Noninsured		16,043 348	21,993 432	23,186 478	23,788 547	23,314 594	23,380 634	23,535 666	23,910 (NA)	24,023 (NA)
Savings banks, total	1,581 1,223	2,322 1,897	3,338 2,840	3,583 3,066	3,599 3,217	3,084 2,733	3,090 2,760	3,057 2,728	3,126 3,126	3,332 3,332
Nonineured	358	425	498	517	382	351	330	329	(NA)	(NA)

#### NA Not available.

Source: U.S. Federal Deposit insurance Corporation, Annual Report, and unpublished data.

#### NO. 775. CHANGES IN NUMBER OF OPERATING BANKING OFFICES: 1970 TO 1986

[As of December 31, Includes Puerto Rico and outlying areas, Beginning 1985, excludes noninsured institutions. Minus sign (-) indicates decrease)

TYPE OF CHANGE	1970	1975	1979	1963	1961	1983	1983	1984	1986	1986
Benking offices <sup>1</sup>	14,199	47,230 15,130 32,109	54,926 15,201 39,725	<b>57,230</b> 15,330 41,902	59,348 15,355 43,993	<b>57,913</b> 15,412 42,501	<b>50,050</b> 15,440 43,610	<b>60,067</b> 15,489 44,578	60,890 14,809 46,061	61,86 14,68 47,21
Net change during year	1,864	1,931 2,224 277 1,947 293 106 185	2,318 2,891 239 2,652 573 244 329	2,306 2,800 271 2,529 494 142 352	2,116 2,901 265 2,636 765 240 545	-1,436 2,367 379 2,008 3,822 322 *3,500	1,137 2,119 432 1,667 962 404 578	1,017 2,338 486 1,852 1,321 427 894	1,818 2,874 482 2,392 1,056 496 560	1,80 2,75 39 2,36 1,74 52 1,22

<sup>&</sup>lt;sup>1</sup> See headnote, table 774. <sup>2</sup> Includes 3,000 automatic teller machines that were previously reported as branches. Source: U.S. Federal Deposit Insurance Corporation, *Annual Report*, and unpublished data.

#### No. 776. Bank Holding Companies-Offices, Assets, and Deposits: 1970 to 1986

[As of Dec. 31. A "bank holding company" means any company which has control over any bank or over any company that is, or becomes, a bank holding company by virtue of the Bank Holding Company Act and its amendments. Represents domestic data only]

ITEM	1970	1975	1970	1983	1981	1983	1983	1984	1905	1986
Number of companies Benking offices Branches	4,155 895	1,821 22,056 3,674 18,382	2,478 27,099 4,280 22,819	2,905 29,924 4,954 24,970	3,500 33,733 5,989 28,044	4,285 37,086 6,731 30,337	5,399 41,349 7,835 33,514	5,702 44,670 8,840 35,830	5,946 47,108 9,156 37,980	6,489 49,217 9,426 39,789
Assets (bil. dol.) Percent of all	92.9	681.3	1,004.7	1,134.4	1,296.7	1,537.9	2,019.8	2,151.9	2,363.4	2,573.0
commercial banks Deposits (bil. dol.)	16.1 78.1	<b>68</b> .5 <b>527</b> .5	70.6 744.7	74.1 840.6	77.3 936.7	82.6 1,113.7	<b>86</b> .0 1,527.2	89.4 1,637.3	90.2 1,786.2	91.1 1,955.8

Source: Board of Governors of the Federal Reserve System, Banking and Monetary Statistics, 1841-1970; Annual Statistical Digest; and unpublished data.

### No. 777. COMMERCIAL BANKS—DOMESTIC ASSETS AND DEPOSITS, STATES AND OTHER AREAS: 1986

[As of December 31. Excludes foreign branches of U.S. banks]

	ALL (	COMMER	CIAL BAN	KB 1		MED		ALL (	COMMER	CIAL BAN	KB 1	MOL	
	Ase	ets	Depo	eits		ERCIAL KB <sup>3</sup>		Ass	ets	Depo	eits	COMM	
STATE	Total (bil. dol.)	Per- cent heid by multi- benk hold- ing com- penies	Total (bil. dol.)	Per cap- ita * (dol.).	Assets (bil. dol.)	Deposits (bil. dol.)	STATE OR OTHER AREA	Total (bil. dol.)	Per- cent held by multi- benk hold- ing com- penies	Total (bil. dol.)	Per cap- ita <sup>s</sup> (dol.)	Assets (bil. dol.)	Deposits (bil. dol.)
Total	2,573.1 28.9 5.0 27.6 17.2 251.5	(NA) 71.0 72.6 24.4 46.6 39.2 57.4	(NA) 1,965.8 23.2 4.1 23.8 15.8 206.5	(NA) 8,113 5,726 7,610 7,168 6,861 7,052	2,519.9 26.9 5.0 27.6 18.0 245.3	1,968.5 1,958.6 23.2 4.1 23.8 15.8 207.9	#E 23 23 25 29	423.3	40.9 95.4 83.9 67.1 56.3 86.9 80.5 47.3	14.5 5.9 6.9 56.0 6.5 256.5 36.9 6.1	9,053 6,142 6,993 7,618 5,763 14,376 6,144 8,957	16.6 9.1 7.9 69.3 9.9 391.0 54.8	14.5 6.0 6.9 59.1 8.5 256.5 36.9 6.1
CTDEDCFLGAHI	32.8 34.2 14.5 102.4 50.2	75.5 79.6 62.2 28.3 73.3 78.4 5.7 84.3 71.1	21.3 26.3 15.3 11.7 68.4 37.9 9.3 5.9 108.8	6,531 8,240 24,117 18,626 7,401 6,206 8,788 5,922 9,421	25.6 32.5 34.1 13.9 101.8 49.4 9.2 7.1 148.3	21.4 28.3 15.3 11.7 86.4 38.2 9.3 5.9 106.8	5 × 6 × 6 × 6 × 6 × 6 × 6 × 6 × 6 × 6 ×	87.5 29.2 18.9 136.2 11.3 17.0 18.2 38.8	82.8 38.6 83.1 81.4 87.0 51.0 82.6 49.5	25.3 14.5 102.4 7.9 13.2 8.1 32.1	6,427 7,652 5,361 8,617 8,131 3,901 11,391 6,687	96.2 29.2 18.6 134.2 11.3 17.0 18.2 38.2	25.4 14.5 102.4 7.9 13.2 6.1 32.1
IN	48.7 30.1 24.6 33.1 37.0	61.3 39.9 24.9 66.7 50.9 86.2 37.5	40.4 26.0 21.5 26.2 31.5 5.2 29.1	7,346 9,119 8,748 7,025 7,003 4,461 6,513	48.0 30.1 24.6 33.0 38.8 6.1 37.4	40.4 26.0 21.5 26.2 31.5 5.2 29.1	× 555	201.3 11.1 4.7 51.0 31.4 14.9 40.5 4.4	75.4 73.7 37.9 83.8 79.0 54.2 67.9 63.5	9.0 4.1 40.9 25.6 12.8 33.8 3.9	9,482 5,403 7,865 7,070 5,746 6,670 7,085 7,716	198.9 10.9 4.7 50.6 31.0 14.9 40.4 4.4	157.4 9.0 4.1 40.9 25.6 12.8 33.8 3.9
MA MI MN MS MO	77.4 78.0 54.3 17.9 52.7 7.3	76.7 68.6 72.1 22.7 69.9 68.6	58.6 82.0 36.9 15.1 43.5 6.1	10,056 6,782 9,225 5,756 8,592 7,479	76.4 74.2 53.8 17.9 52.4 7.3	58.6 62.0 38.9 15.1 43.5 6.1	AM 4 PR GU 4 Pacific Islands 4	333 3 333 3	13.33 13.33	333	<b>3 333</b>	11.5 12.3 (2)	87 87 88

NA Not available. Z Less than \$50 million. ¹ Data reflect revisions submitted by banks after original filing date.
¹ Based on U.S. Bureau of the Census resident population estimates as of July 1. ² Source: U.S. Federal Deposit Insurance Corporation, unpublished data. ⁴ Consists of data for one insured commercial bank chartered in the outlying areas.

Source: Except as noted, Board of Governors of the Federal Reserve System, Annual Statistical Digest.

#### No. 773, Insured Commercial Banks-Assets and Liabilities: 1975 to 1986

(In billions of dollars, except number of banks. As of Dec. 31. Includes outlying areas. Excludes nonineured banks and nondeposit trust companies. 1975 includes American branches of foreign banks. Except as noted, includes foreign branches of U.S. banks. See Historical Statistics, Colonial Times to 1970, series X 588-809, for related data)

ПЕМ	1975	1979	1980	1981	1982	1983	1984	1985	1986
Number of banks	14,384	14,364	14,434	14,414	14,452	14,465	14,481	14,404	14,236
Assets	1,095.4	1,692.1	1,855.7	2,029.1	2,194.3	2,342.1	2,508.6	2,731.0	2,940.0
Securities, total 1	231.5	293.9	334.4	352.1	386.0	441.3	385.8	439.6	484.8
U.S. Treasury, direct obligations Obligations of States and subdivi-	81.0	88.4	104.5	103.7	118.7	168.1	108.2	118.3	127.0
sions 1	100.9	132.8	146.3	151.5	155.2	158.4	120.9	160.6	140.4
Federal funds sold and securities purchased 3	37.0	61.3	70.3	91.2	103.9	93.5	110.8	133.2	139.2
		-	1	15.5	10.00	V.	400	122	100
Net loans and leases *	590.1	935.6	1,006.4	1,120.2	1,211.6	1,301.3	1,489.7	1,607.8	1,727.2
Commercial and industrial loans		351.1	391.0	454.6	504.4	524.8	565.0	577.7	600.8
Real estate loans	(NA)	249.3	269.1	291.4	308.0	336.8	385.6	438.5	514.8
Loans to depository institutions 6	(NA)	69.5	81.2	94.7	106.9	109.2	72.3	68.0	70.2
Loans to farmers (excl. real estate)	(NA)	31.4	32.3	33.7	37.0	39.9	40.7	36.1	31.7
Other loans to individuals	(NA)	192.7	187.4	193.0	199.2	224.6	266.9	309.0	335.6
All other loans 2	(NA)	60.8	62.6	69.4	73.1	83.6	176.6	195.1	191.4
Lease financing receivables	(NA)	11.8	14.0	15.9	16.7	17.1	20.2	24.3	27.5
Cash, balances with banks, etc	189.4	306.6	331.9	327.4	334.3	341.9	323.5	340.6	379.0
Other	47.4	94.7	112.6	138.2	158.5	164.2	198.9	209.8	209.7
Liabilities and equity capital	¢ 1,095.4	1,692.1	1,855.7	2,029.1	2,194.3	2,342.1	2,508.6	2,731.0	2,940.0
Deposits	915.9	1,363.1	1,481.2	1,588.8	1,706.5	1.842.5	1,962.6	2.117.9	2.282.3
Demand 7 *	(NA)	414.8	415.1	369.2	354.2	370.6	421.6	450.9	510.6
Time and savings 1 9	(NA)	659.8	755.6	885,1	1,028.1	1,140.9	1,223.4	1,345.2	1,457.9
Deposits in foreign offices	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	317.6	321.8	313.8
Individuals, partnerships and corpora-	100	1.533	1.44		5.50	Vision 1	100	3.6	100
tions 7	(NA)	914.5	1,007.8	1,103.9	1,214.9	1,353.6	1,466.8	1,617.1	1,781.5
Government 1	(NA)	86.5	84.2	85.3	90,0	86.7	96.5	107.5	108.7
Domestic interbank, foreign govern- ment, and other banks in foreign			1 33	U		1	100	100	627
countries 1 10	(NA)	72.8	77.7	64.2	77.5	70.8	55.6	64.0	76.9
Miscellaneous liabilities		225.5	260.4	315.4	351.5	352.0	381.4	414.9	458.1
Subordinated notes and debentures	4.4	6.3	6.5	6.5	7.3	7.1	10.2	14.7	16.9
Limited-life preferred stock	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	14.0	.1
Equity capital	64.3	97.2	107.6	118.3	128.9	140.5	154.3	169.5	182.6

NA Not evallable. <sup>1</sup> Book value, includes other categories not shown separately. <sup>2</sup> Beginning 1984, nonrated industrial development and other obligations of States and political subdivisions are included under all other loans. <sup>3</sup> Under agreements to reset. <sup>4</sup> Excludes allowance for ione and lease losses and unserned income. <sup>5</sup> Includes loans to tonaign banks.
<sup>9</sup> Includes reserves on loans and securities, not shown separately. <sup>7</sup> Represents deposits in domestic offices only. <sup>8</sup> Beginning 1984, noninterest bearing deposits. <sup>10</sup> Includes official institutions in foreign countries.

Source: U.S. Federal Deposit Insurance Corporation, Assets and Liabilities: Commercial and Mutual Savings Banks, semiannus; beginning 1979, Annual Report; and unpublished data.

No. 779. Insured Commercial Banks—Selected Measures of Financial Condition: 1975 to 1986

[As of December 31. Capital figures exclude reserves for possible loan losses]

Unit	1975	1979	1986	1961	1983	1983	1984	1986	1986
Number	14,384	14,364	14,434	14,414	14,452	14,465	14,481	14,404	14,236
Percent	6.1 8.5	103.3 5.7 7.1 6.1	114.1 5.8 7.3 5.7	124.8 5.8 7.4 5.2	136.2 5.9 7.6 5.4	147.6 6.0 7.6 4.8	164.5 6.2 7.9 6.2	1 198.2 6.2 8.0 1 14.5	1 199.6 6.2 8.0 1 8.5
Percent		6.1 6.5 8.3	6.2 8.6 8.4	6.2 6.6 8.2	6.2 6.6 8.2	8.3 6.7 8.4	6.6 7.0 8.5	6.7 7.2 9.1	6.7 7.2 9.3
Percent	63.4	931.2 68.4 .34	1,002.5 67.7	1,131.3 71.2	1,224.4 71.7	1,316.9 71.5	1,508.3 76.9	1,630.8 77.0	1,758.5 76.9
	'''	13,126 13.9	14 <b>,484</b> 13.7	15, <b>60</b> 0 13.1	15,587 12.1	14,907 11.1	15,540 10.7	16,267 11.3	13,478 10.1
	Number Bil. dol Percent Percent Percent Percent Percent Percent Bil. dol Percent Percent	Number 14,384 Bit. dol 70,3 Bit. dol 8.5 Percent 8.5 Percent 6.9 Percent 6.9 Percent 6.9 Percent 6.9 Percent 6.9 Alt. dol 579,4 Percent 61 Mit. dol 7,146	Number 14,384 14,364 Bil. dol 70.3 103.3 5.7 Percent 8.5 7.1 Percent 8.5 6.1 Percent 6.5 6.1 Percent 6.9 6.5 Percent 6.9 6.5 Percent 6.9 6.3  Bil. dol 579.4 931.2 Percent 63.4 68.4	Number 14,384 14,384 14,434 Bit. doi 70.3 103.3 114.1 Percent 6.1 5.7 5.8 Percent 6.5 6.1 5.7 Percent 6.5 6.1 6.2 Percent 6.9 6.5 8.6 Percent 6.9 8.3 8.4 Bit. doi 579.4 931.2 1,002.5 Percent 63.4 88.4 67.7 Percent 61 .34 .38 Mil. doi 7,146 13,126 14,484	Number 14,384 14,384 14,434 14,414 Bl. dol 70.3 103.3 114.1 124.8 Percent 8.5 7.1 7.3 7.4 Percent 8.5 7.1 7.3 7.4 Percent 6.5 6.1 6.2 6.2 Percent 6.9 6.5 6.6 6.6 Percent 9.0 8.3 8.4 8.2 Bl. dol 579.4 931.2 1,002.5 1,131.3 Percent 63.4 68.4 67.7 71.2 Percent 63.4 38 .36 Mil. dol 7,146 13,126 14,484 15,600	Number 14,384 14,384 14,434 14,414 14,452 Bit. doi 70.3 103.3 114.1 124.8 138.2 Percent 8.1 5.7 5.8 5.8 5.9 5.9 Percent 8.5 7.1 7.3 7.4 7.6 Percent 6.5 6.1 5.7 5.2 5.4 Percent 6.9 6.5 8.6 6.6 6.6 Percent 6.9 8.3 8.4 8.2 8.2 Bit. doi 579.4 931.2 1,002.5 1,131.3 1,224.4 Percent 63.4 68.4 67.7 71.2 71.7 Percent 61 .34 .38 .36 .58 Mit. doi 7,146 13,126 14,484 15,600 15,587	Number 14,384 14,384 14,434 14,414 14,452 14,485 Bi. doi 70.3 103.3 114.1 124.8 136.2 147.8 Percent 8.5 7.1 7.3 7.4 7.6 7.6 Percent 8.5 7.1 7.3 7.4 7.6 7.6 Percent 8.5 8.1 5.7 5.2 5.4 4.8 Percent 6.5 8.1 6.2 6.2 6.2 8.3 Percent 6.9 6.5 8.6 6.6 6.6 6.7 Percent 9.0 8.3 8.4 8.2 8.2 8.4 8.4 8.2 8.2 8.2 8.4 8.4 8.2 8.2 8.2 8.4 8.4 8.2 8.2 8.2 8.4 8.4 8.2 8.2 8.2 8.4 8.4 8.2 8.2 8.2 8.4 8.4 8.2 8.2 8.2 8.4 8.4 8.2 8.2 8.2 8.4 8.4 8.2 8.2 8.2 8.4 8.4 8.2 8.2 8.2 8.4 8.4 8.2 8.2 8.2 8.4 8.4 8.2 8.2 8.2 8.4 8.4 8.2 8.2 8.2 8.4 8.4 8.2 8.2 8.2 8.4 8.4 8.2 8.2 8.2 8.4 8.4 8.2 8.2 8.2 8.4 8.4 8.2 8.2 8.2 8.4 8.4 8.2 8.2 8.2 8.4 8.4 8.2 8.2 8.2 8.4 8.4 8.2 8.2 8.2 8.4 8.2 8.2 8.2 8.4 8.4 8.2 8.2 8.2 8.2 8.4 8.2 8.2 8.2 8.2 8.4 8.2 8.2 8.2 8.2 8.4 8.2 8.2 8.2 8.2 8.2 8.4 8.2 8.2 8.2 8.2 8.2 8.2 8.2 8.2 8.2 8.2	Number 14,384 14,364 14,434 14,414 14,452 14,485 14,481 Bit. doi 70.3 103.3 114.1 124.8 136.2 147.6 164.5 Percent 6.1 5.7 5.8 5.8 5.8 6.9 7.6 7.6 7.9 Percent 6.3 6.1 5.7 5.2 5.4 4.8 6.2 Percent 6.5 6.1 6.2 6.2 6.2 6.2 6.3 6.6 9.7 9.9 Percent 6.9 6.5 8.6 6.6 6.7 7.0 Percent 6.9 6.5 8.6 6.6 6.6 6.7 7.0 Percent 6.9 6.5 8.6 6.6 6.7 7.0 Percent 6.9 6.5 8.6 6.6 6.7 7.0 Percent 6.9 6.5 8.7 8.2 8.2 8.4 8.5 Bit. doi 579.4 931.2 1,002.5 1,131.3 1,224.4 1,316.9 1,508.3 Percent 63.4 6.4 67.7 71.2 71.5 76.9 Percent 63.4 1.34 3.8 36 58 88 78 Mit. doi 7,146 13,126 14,484 15,600 15,587 14,907 15,540	Number 14,384 14,364 14,434 14,414 14,452 14,465 14,481 14,404 Bit. doi 70.3 103.3 114.1 124.8 138.2 147.6 164.5 196.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2

Includes limited life preferred stock as debt capital.
<sup>3</sup> Risk assets are total assets less cash, U.S. Government securities, and Federal funds sold.
<sup>3</sup> Beginning in 1984, some assets previously classified as securities are included among loans.
Source: U.S. Federal Deposit Insurance Corporation, *The Condition of the Financial System*, May 1980, and unpublished date.

### No. 780. FDIC-INSURED BANKS.CLOSED OR ASSISTED DUE TO FINANCIAL DIFFICULTIES, AND PROBLEM BANKS: 1971 TO 1986

[Banks are closed either permanently or temporarily by order of supervisory authorities or by directors of banks. F.D.I.C.=Federal Deposit Insurance Corporation. See Historical Statistics, Colonial Times to 1970, series X 741, 748, 756, and 761]

ITEM	Unit	1971- 1960	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Total banks closed or assisted	Number Number Mil. dol Mil. dol Number	79 (NA) 5,372 (NA) (X)	6 (NA) 205 (NA) 368	7 (NA) 854 (NA) 342	10 (NA) 111 (NA) 287	10 (NA) 216 (NA) 217	10 1 3,826 7 223	7	48 7 5,442 114 642	1 79 31 1 2,883 421 848	866	145 59 6,597 1,408 1,484

NA Not available. X Not applicable. <sup>1</sup> Excludes assistance by FDIC to Continental Illinois. <sup>2</sup> Banks with at least 25 percent of their portiolios devoted to farm loans. <sup>2</sup> FDIC-insured commercial and savings banks considered to be problem banks by the supervisory authorities, end-of-period.

Source: U.S. Federal Deposit Insurance Corporation, Annual Report, and unpublished data.

#### No. 781. U.S. Banking Offices of Foreign Banks—Summary: 1975 to 1986

[In billions of dollars, except as Indicated. As of December, except as indicated. Covers agencies, branches, subsidiary commercial banks, New York State investment companies, and, for data by country only, finance companies]

		ro	NIS			NUMBE	R OF-		Loens,	
YEAR	Assets	Total	Buei- nees	Depos- its	COUNTRY	Banks with U.S. offices	U.S. offices	Assets	com- mercial and industri- al	Depos- Rs
1975	52.4	29.9	19.9	22.6	1986, total *	263	636	400.1	120.9	265.3
1960		121.4	59.6	80.4	Japan		91	201.8	46.0	110.3
1981	250.6	157.7	73.6	101.8	United Kingdom	14	52	44.3	16.0	28.6
1982	299.8	185.2	82.4	154.3	Cenede	9	53	42.0	12.3	23.2
					Italy		26	28.1	8.4	12.3
1983	328.8	192.4	84.5	181.3	Hong Kong	11	30	24.1	7.1	17.8
1984	394.4	220.1	97.8	233.7	1	-			1	
1985	440.8	247.4	108.8	236.7	Switzerland	7	17	21.9	4.2	8.0
1986	524.3	276.9	126.8	278.2	France	15	42	20.2	4.4	11.8
					lerael	4	25	9.8	2.8	8.4
SHARE 1					West Germany Netherlands	12	21 17	7.5 6.5	2.1 1.9	8.4 3.7 3.1
1975	5.3	5.7	10.4	2.9		7	•••	0.5		<b>~</b> .
1980	11.9	13.4	18.2	6.6	1	l		l .	ı	ı
1905	18.1	15.4	22.5	121		l		l	l	l
1986	17.3	15.6	23.3	12.8		l	Ì	l	1	1
	l " <b>.</b>	10.0		1 .5		l		I	1	l

Percent of "domestically owned" commercial banks plus U.S. offices of foreign banks.
 \*As of June 30. Includes other countries not shown separately. Source: American Banksr, New York, NY, selected issues.

Source: Except as noted, Board of Governors of the Federal Reserve System, unpublished data.

### No. 782, 500 LARGEST BANKS IN THE WORLD—NUMBER AND DEPOSITS, BY LOCATION OF BANK: 1970 TO 1986

[Deposite in billions of dollars, except percent. Data cover U.S. commercial banks and foreign banks that conduct a commercial banking business; beginning 1983, includes U.S. and foreign savings banks. Beginning 1981, covers top 500 banks in assets available. Number of banks includes banks more than 50 percent owned by other banks. To avoid doubte-counting of deposits, banks more than 50 percent owned by other banks are excluded from deposit totals if their parent bank consolidates their deposits]

					3225						P	PERCEN	T
LOCATION OF BANK	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986	1970	1980	1986
NUMBER													
U.S. banks Foreign banks	185 315	137 363	95 405	93 407	97 403	97 403	102 398	115 385	110 390	102 398	37.0 63.0		20.4 79.6
Total	890 296 594	2,176 494 1,682	4,508 697 3,811	4,994 754 4,240	5,213 806 4,407	5,230 794 4,436	5,683 882 4,801	5,854 961 4,893	7,022 1,014 6,008	9,204 1,051 8,153	100.0 33.3 66.7	100.0 15.1 84.9	11.4

Source: American Banker, New York, NY, selected July issues.

### No. 783. FOREIGN BRANCHES OF U.S. FEDERAL RESERVE MEMBER BANKS—Number and Assets: 1970 to 1986

[As of year end. The foreign branch activities of nonmember banks are not significant]

Unit	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986 prel.
Number Number Bil. doi	79 532 50.0	126 762 145.3	139 789 279.5	159 787 310.5	159 841 343.3	162 900 341.3	166 892 333.1	163 905 291.3	162 916 289.7	158 885 290.0
Percent	7.3	13.1	15.4	16.3	16.1	14.2	11.9	10.3	8.9	8.3
Bil. dol	24.0	66.7	95.0	107.4	111.9	110.8	132.4	86,7	93.9	94.0
. Bil. dol	4.0	36,6	87.5	93.3	104.8	100,5	116.7	85.5	76.5	76.0
	Number	Number	Number	Number 79 126 139 Number 532 762 789 Bil. doi. 50.0 145.3 279.5 Percent 7.3 13.1 15.4 Bil. doi. 24.0 66.7 95.0	Number	Number 79 126 139 159 159 Number 532 762 789 787 841 Bil. doi. 50.0 145.3 279.5 310.5 343.3 Percent 7.3 13.1 15.4 16.3 16.1 Bil. doi. 24.0 66.7 95.0 107.4 111.9	Number	Number	Number 79 126 139 159 159 162 166 163 Number 532 762 789 787 841 900 892 905 810 dol. 50.0 145.3 279.5 310.5 343.3 341.3 333.1 291.3 Percent 7.3 13.1 15.4 16.3 16.1 14.2 11.9 10.3 Bil. dol. 24.0 66.7 95.0 107.4 111.9 110.8 132.4 86.7	Number 79 126 139 159 162 166 163 162 Number 532 762 789 787 841 900 892 905 916 Bil. doi. 50.0 145.3 279.5 310.5 343.3 341.3 333.1 291.3 289.7 Percent 7.3 13.1 15.4 16.3 16.1 14.2 11.9 10.3 8.9 Bil. doi. 24.0 66.7 95.0 107.4 111.9 110.8 132.4 86.7 93.9

Data exclude claims on other foreign branches of the same bank.
 \*\* Includes assets of foreign branches in countries other than those shown asparately.
 \*\* Percentages reflect adjustments to exclude foreign branch claims on the U.S. offices of their perent benis.

Source: Board of Governors of the Federal Reserve System, unpublished data.

### No. 784. Foreign Lending by Large U.S. Banks, by Maturity, Type of Borrower, and Country: 1986

[Im millions of dollars, except percent. As of December, Covers 195 U.S. banking organizations which do nearly all of the foreign lending in the country. Data represent claims on foreign residents and institutions held at all domestic and foreign offices of covered banks. Data cover only cross-border and non-local currency lending. These test from a U.S. bank's office in one country lending to residents of another country or lending in a currency other than that of the borrower's country. Excludes local currency loans and other claims and local currency leabilists held by banks' foreign offices or needents of the country in which the office was located (e.g. Deutsche mark loans to German residents booked at the German branch of the reporting U.S. bank)]

	CLAH	MS				CLAI	MS		
COUNTRY	Total 1	Per- cent short- term <sup>2</sup>	Bank borrow- ers	Private nonbank borrow- ers	COUNTRY	Total 1	Per- cent short- term **	Bank borrow- ers	Private nonbank borrow- ers
Total 3	275,639	65	130,164	66,864	Japan	17,133	85	11,097	5.572
Algeria	848	20	417	58	Jordan	154	59	37	10
Argentina	8,524	37	1.080	1,806	Kuwait	966	95	703	179
Australia		55	901	2,813	Liberia	648	49	5	613
Austria	1,650	85	1,228	93	Macao	134	79	93	41
Bahamas, The	4,157	95	3.921	202	Malaysia	741	38	119	301
Bahrain		99	1,053	59	Mexico	23,654	24	2.985	6,140
Belgium-Luxembourg	7,915	92	6,437	869	Morocco	892	71	412	10
Bermuda		69	20	347	Netherlands	2.650	77	1.348	1,108
Dermoda		43					60		879
Brazil British West Indies	22,404		5,406	3,006	Netherlands Antilles	1,042		156	
British West Indies	8,465	97	8,225	153	New Zealand	1,317	52	229	785
Cameroon	155	42	16	99	Nigeria	903	67	305	50
Canada	8,526	66	3,163	4,719	Norway	2,832	54	863	1,786
Chile	6,459	40	1,818	697	Pakistan	195	60	48	59
China:	100	1.597	10000		Panama	2,191	68	649	1,169
Mainland	491	89	120	59	Peru	1.344	74	221	231
Taiwan	2,960	87	1.614	1.095	Philippines	5,107	42	506	1.048
Colombia	2,148	41	511	433	Poland	469	21	90	130
Costa Rica	418	40	12	31	Portugal	658	49	239	30
Denmark	2,697	52	901	1.014	Romania	140	34	33	
Dominican Republic	427	44	19	44	Saudi Arabia	1,208	74	420	788
East Germany	282	56	117	46	Singapore	6,731	94	5,829	798
Ecuador	2,170	43	186	111	South Africa	2,957	84	1,899	740
Egypt	651	68	475	86	South Korea	5,997	62	2,689	2.017
El Salvador	121	64	67	25	Soviet Union	95	74	33	2,01
Finland	1,300	81	826	259	Spain ,	2,393	53	1,059	597
			0.504						
France	8,417	84	6,581	820	Sri Lanka	159	54	53	8
Greece	2,389	38	147	1,455	Sweden	2,432	85	1,676	319
Honduras	174	69	22	35	Switzerland	3,918	86	2,359	1,459
Hong Kong	7,364	87	4,958	2,351	Thailand	1.114	72	593	415
Hungary	346	62	44		Trinidad and Tobago	182	51		
Iceland	204	51	36	35	Tunisia	158	47	40	19
India	999	67	395	407	Turkey	2,074	61	472	166
Indonesia	2,155	55	150	1,253	United Arab Emirates	399	89	257	106
Iraq	309	72	183	3	United Kingdom	40,890	87	30,323	9,439
Ireland	1,256	46	325	177	Uruguay	929	23	24	90
Israel	1,496	68	1,065	156	Venezuela	9,112	55	1,696	1,856
Italy	7,306	73	5,034	764	West Germany	4,830	62	1,755	1,767
Ivory Coast	365	33	15	59	Yugoslavia	2,065	29	636	52
Jamaica	205	49	7	15		2.17.0			

<sup>-</sup> Represents zero. Includes public borrowers, not shown separately. Maturity, one year or less. Includes countries not shown separately.

Source: Board of Governors of the Federal Reserve System, Federal Financial Institutions Examination Council, statistical release.

#### No. 785. Savings Institutions—Financial Summary by Type: 1970 to 1986

[in billions of dollars, except number of inetitutions. As of December 31. Includes Puerto Rico and Guern. FSLIC=Federal Sevings and Loan insurance Corporation. FDIC=Federal Deposit insurance Corporation. See also Historical Statistics, Colonial Times to 1970, series X834-844]

TYPE OF INSTITUTION	1970	1975	1980	1981	1982	1983	1984	1985	1986
NUMBER OF INSTITUTIONS				1					
Savings institutions, total	6,162	5.406	5.076	4,746	4.248	4.036	3,978	3,940	(NA
Savings and loan associations	5,669	4,931	4,613	4,292	3,825	3,502	3,393	3,197	3,07
FSLIC-insured	4,365	4,078	4,002	3,779	3,343	3,040	2,938	2,907	2.81
State insured and non-insured	1,304	853	611	513	483	462	455	290	26
Savings banks		475	463	454	423	534	585	743	(N
FSLIC-insured			3	6	6	143	198	339	40
FDIC-insured	(x)	328	323	331	315	294	291	392	(N
Federally chartered	JEO			(x)	(x)	18	24	28	(N
State chartered	(x)	(x) 328	323	331	315	276	267	364	(N
State insured and non-insured	165	147	137	117	102	97	96	12	(NI
FSLIC-insured institutions	4,365	4,078	4.005	3,785	3,349	3,183	3,136	3,246	3,22
FDIC-insured institutions	328	328	323	331	315	294	291	392	(N/
State insured and non-insured	1,469	1,000	748	630	585	559	551	302	(N
	1,100	,,,,,,	1000	1	-	1000	-		
ASSETS									
Savings institutions, total	255.3	459.4	796.6	849.1	892.2	1,034.0	1,208.1	1,315.4	963.
Savings and loan associations	176.1	338.3 330.3	629.8 618.5	664.2 651.1	707.6 692.7	773.4 754.2	903.5 880.0	948.8 938.1	963
FSLIC-insured	1/0.6				15.1	19.2	23.5		
State insured and non-insured	79.2	121.1	11.2	13.1		260.6	304.6	10.7 366.6	9
Savings banks	19.2		166.8	184.9 7.5	184.4	65.0	98.4	131.6	210
FDIC-insured	(x)	107.3	152.6	156.1	155.3	170.7	179.1	205.4	(N
Federally chartered	00,7					36.7	43.5	48.0	(N
State chartered	(x)	107.3	152.6	156.1	155.3	134.0	135.6	157.4	(N
State insured and non-insured	10.5	13.8	12.0	21.3	22.2	24.9	27.1	29.6	(N
FSLIC-insured institutions	170.6	330.3	620.6	658.5	699.5	819.2	978.5	1,069,4	1,164
FDIC-insured institutions	68.7	107.3	152.6	156.1	155.3	170.7	179.1	205.4	(N
State insured and non-insured		21.8	23.2	34.4	37.3	44.1	50.6	40,3	(NA
MORTGAGE LOANS OUTSTANDING			10%					- 31	
Savings institutions, total	208.2	355.9	603.7	628.4	584.6	633.7	717.9	777.6	(N/
Savings and loan associations		278.6	502.8	518.5	483.6	494.8	555.3	583.2	676
FSLIC-insured	146.0	272.5	494.2	509.1	473.7	482.6	541.6	576.8	(N
State insured and non-insured	4.3	6.1	9.0	9.4	10.0	12.2	13.7	6.9	(N
Savings banks		77.2	100.9	109.9	100.9	138.9	162.6	194.4	(N
FSLIC-insured		(x)	.7	3.7	3.4	38.7	56.9	73.0	(N/
FDIC-insured	50.7	68.4	91.6	93.6	85.1	87.5	92.1	106.1	(N/
Federally chartered	(x)	(x)	(x)		(x)	19.6	22.2	24.3	(NI
State chartered	(x) 50.7	68.4	91.6	93.6	85.1	67.9	69.9	81.8	(N
State insured and non-insured	7.2	8.9	8.3	12.6	12.4	12.7	13.6	15,3	(N/
FSLIC-insured institutions	146.0	272.5	494.9	512.9	477.0	521.3	599.0	649.8	661
FDIC-insured institutions	50.7	68.4	91.6	93.6	85.1	87.5	92.1	106.1	(N
State insured and non-insured	11.5	15.0	25.0	22.0	22.4	24.9	27.3	22.2	(NA
DEPOSITS					10.01	Process of		0.3	
Savings institutions, total	218.8	396.4	673.5	688.9	733.2	863.7	988.3	1.058.3	(NI
Savings and loan associations		285.7	511.0	525.1	568.0	634.5	725.0	750.1	741
FSLIC-insured	141.7	278.8	501.2	513.8	554.6	617.8	705.2	740.5	732
State insured and non-insured	5.0	7.0	9.8	11.3	13.4	16.6	19.9	9.6	8
Savings banks	72.1	110.6	162.5	163.8	165.2	229.3	263.5	308.2	
FSLIC-insured	(x)		1.9	6.2	5.9	53.2	79.6	103.5	157
FDIC-insured	62.7	98.1	149.9	138.7	139.5	153.8	159.8	178.6	(N
Federally chartered	(x)	(x)	(x)	(x)		33.0	38.3	39.8	(N
State chartered	62.7	98.1	149.9	138.7	139.5	120.8	121.5	138.8	EN
State insured and non-insured	9.4	12.5	10.7	18.9	19.8	22.3	24.1	26.1	(N
FSLIC-insured institutions		278.8	503.2	519.9	560.5	671.0	784.7	843.9	890
FDIC-insured institutions	62.7	98,1	149.9	138.7	139.5	153.8	159.8	178.6	(N
	14.4	19.5	21.1	30.2	33.2	38.9	44.0	34.8	(N

NA Not available. X Not applicable.

Source: U.S. Federal Home Loan Bank Board, Washington, DC, Savings and Home Financing Source Book, annual, and unpublished data.

### No. 783. Savings Institutions (FSLIC-Insured)—Selected Financial Items and Ratios of Condition: 1970 to 1988

[As of Dec. 31 for assets, liabilities and net worth; calendar year for other items. Includes Puerto Rico and Guern. FSLIC=Federal Sevings and Loan insurance Corporation. Beginning 1983, includes FSLIC-insured sevings and loan associations which changed to FSLIC-insured sevings banks. Minus sign (—) indicates either loss or outflow]

ITEM	Unit	1970	1970	1963	1961	1963	1962	1984	1963	1905
Assets 1	Bill. dol	170.6 146.0 (NA) 15.8	330.3 272.5 (NA) 29.9	620.6 484.9 27.3 57.0	658.5 512.9 33.8 63.3	699.5 477.0 62.6 84.4	819.2 521.3 90.9 109.9	978.5 599.0 108.2 135.6	1,099.4 649.8 110.7 143.1	1,164.1 681.6 151.9 169.1
Liabilities <sup>1</sup> Deposit accounts FHLB advances Other borrowed money	Bil. dol Bil. dol	141.7	311.1 278.8 17.5 3.0	588.0 503.2 47.0 17.2	630.6 519.9 25.7 27.9	673.8 560.5 33.8 25.7	786.2 671.0 41.3 33.0	940.6 784.7 85.4 37.9	1,022.6 643.9 84.4 72.2	1,111.2 890.3 100.1 96.4
Net worth			19.2 5.8	32.6 5.2	27.9 4.2	25.7 3.7	33.0 4.0	37.9 3.9	46.8 4.4	52.9 4.5
Operating income <sup>a</sup> Operating expenses <sup>a</sup> Interest on savings deposits <sup>a</sup> Interest on borrowed money <sup>a</sup> Net income before taxes <sup>a</sup>	Bil. dol Bil. dol Bil. dol Bil. dol	1.9 6.9 .8 1.2	23.7 3.9 18.0 1.6 2.1 1.4	58.1 7.9 41.6 5.8 1.2 .8	65.2 9.0 54.1 9.2 6.1 4.6	71.5 10.1 58.6 11.7 -5.9 -4.3	80.0 12.3 58.3 9.4 2.6 2.0	100.6 15.3 71.8 12.6 1.9	110.5 19.5 73.5 14.1 6.0 3.8	111.0 23.0 68.0 15.4 4.3 1.1
Grose deposits receipts	Bil. dol	10.8	151.1 109.1 42.1 29.3	454.5 413.5 41.0 10.7	520.8 507.4 13.4 -25.4	634.5 597.3 37.3 -6.4	879.0 786.8 110.2 63.2	1,108.6 995.4 111.2 58.9	(NA) 54.9 - 1.5	(NA) (NA) 49.7 -3.7
Mortgage loans closed <sup>a</sup> Purchase of 1-to-4 family homes	Bil. dol Bil. dol	(NA) (NA)	(14)	85.2 60.0	<b>62.</b> 0 41.3	60.5 34.2	151.1 83.8	181.3 95.7	198.7 107.8	265.5 175.9
Average cost of funds	Percent Percent Percent	5.30 5.14 6.58	6.32 6.21 7.71	8.94 6.78 9.34	10.92 10.71 9.91	11.38 11.19 10.68	9.83 9.71 11.17	10.03 9.93 11.86	9.20 9.03 11.53	8.06 7.84 10.65
assets.	Percent	.57	.47	.13	73	85	.27	.13	.39	.09

NA Not evallable. Includes other items, not shown separately. \*Source: United States League of Savings Institutions, Washington, DC, Savings Institutions Sourcebook, annual. \*Reported on a gross basis including refinancing and combination construction-purchase loan.

Source: Except as noted, U.S. Federal Home Loan Bank Board, Savings and Home Financing Source Book, annual.

#### No. 787. FEDERAL AND STATE-CHARTERED CREDIT UNIONS—SUMMARY: 1970 TO 1986

[As of December 31. Federal data include District of Columbia, Puerto Rico, Canel Zone, Guern, and Virgin Islands. Beginning 1983. State data cover only federally insured State-chartered credit unions. Beginning 1981, data exclude corporate central credit unions which have mainly other credit unions as members. See also Historical Statistics, Colonial Times to 1970, series X 884-878]

YEAR	CREDIT I		MEMBERS (1,000)		ASSI (mil.)	dol.)	LOANS OUT		SAVINGS (mil. dol.)		
	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	
1970	12,977	10,679	11,966 17,066	10,853	8,861 20,209	9,089	6,969 14,869	7,137 13,300	7,629 17,530	7,857 15,522	
1980	12,440 11,951	9,025 8,746	24,519 25,449	19,235 19,620	40,092 39,181	33,143 32,596	26,350 27,238	22,633 23,156	36,263 35,248	29,480 28,97	
1982 1983	11,426 10,962 10,548	8,464 4,915 4,645	26,105 26,798 28,170	20,393 14,278 15,205	45,494 54,482 63,657	36,886 27,479 29,188	28,192 33,201 42,132	23,454 17,215 19,951	41,352 49,889 57,927	33,236 24,856 26,32	
1985 1986	10,125 9,758	4,920 4,935	29,576 31,045	15,689 17,383	78,205 95,484	41,525 52,244	48,241 55,305	26,168 30,834	71,616 87,954	37,91 48,09	

<sup>&</sup>lt;sup>1</sup> Represents operating credit unions.

Source: National Credit Union Administration, Annual Report of the National Credit Union Administration, and unpublished data.

# No. 785, Savings Institutions (FSLIC-Insured)—Selected Financial Items, States and Other Areas: 1986

[in millione of dollars, except number of inetitutions. As of December 31. Covers savings and loan associations and savings banks. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION, AND STATE	Num- ber of institu- tions	Total assets	Mortgage loans outstand- ing <sup>1</sup>	Depos- its	DIVISION AND STATE OR OTHER AREAS	Num- ber of institu- tions	Total assets	Mortgage loans outstand- ing <sup>1</sup>	Depos- its
Total	3,220	1,163,983	813,782	890,553	So. Atl.—Con.				
11 C	3,220	1,158,316	811,216	887,264	MD	95	18,970	13.620	15,703
U.S	3,200	1,130,310	011,210	007,204	DC	6	4,268	3,472	2,812
Northeast	492	161,936	110,908	128.372	VA	66	22,929	16,165	18,259
Midwest	1.017	258.801	181,931	201,900	WV	18	2,112	1,430	1,863
Midwest					NC	139	19,332	14,241	16,367
South	1,281	339,852	227,716	276,277	SC	49	10,399	7,236	8,367
West	418	397,727	290,661	280,715	GA	67	16,168	11,796	13,220
					FL annuagement	149	82,952	54,465	64,127
N. Eng	98	25,324	17,849	18,369	And the second	1		11 (24/22)	100
ME	15	1,218	773	864	E. So. Cent	213	31,205	21,150	26,172
NH		1,803	1,253	1,454	KY	67	7,201	5,126	6,287
VT	4	428	307	319	TN	64	10,625	7,120	8,942
MA	33	7,030	4,991	5,387	AL	37	8,566	6,096	6,767
RI	3	3,592	1,993	2,571	MS	45	4,813	2,808	4,176
CT	31	11,253	8,532	7,774	J. T. S. S. S. S. S. S. S. S. S. S. S. S. S.			Contract.	1
	- 60	1	-,	11111	W. So. Cent	475	131,164	83,905	109,095
Mid Atl	394	136,612	93,059	110,003	AR	39	8,248	4,844	7,234
NY	86	48,311	30,935	38,728	LA	102	15,544	10,456	12,904
NJ	139	50,191	36,080	39,878	OK	53	10,094	6,912	8,610
	169	38,110	26,044	31,397	TX	281	97,278	61,693	80,347
PA	109	36,110	20,044	31,397	- S. S	1 250		110000	10.5
E. No. Cent	744	180,443	126,012	143,942	Mt	129	57,426	38,002	41,076
					MT	11	1,207	846	1,023
OH		51,743	36,075	43,015	ID	9	1,532	872	1,184
IN	115	12,745	9,094	11,161	WY	11	1,295	817	1,148
L	267	65,335	44,953	54,991	CO	38	15,907	11,896	11,406
MI.	51	34,814	24,665	21,064	NM	25	5,874	3,493	4,506
WI	79	15,806	11,225	13,711	AZ	14	21,511	13,760	14,617
	100	The street	1000000	1000 CV	UT	14	5,938	4,045	4,399
W. No. Cent	273	78,358	55,919	57,958	NV	7	4,162	2,273	2,793
MN	37	16,069	9,822	10,596	37.9	0.00	Turbed.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
IA		9,133	6,649	7,803	Pac		340,301	252,659	239,639
MO		21,883	16,137	17,740	WA	43	17,118	12,904	11,513
ND		3,930	2,626	2,486	OR	20	9,659	6,482	6,875
SD	12	1,388	811	1,273	CA		309,304	230,257	218,133
NE	23	9,092	6,623	6,029	AK	4	551	397	399
V-6	58	16,863		12,031	HI	6	3,669	2,619	2,719
KS	56	10,863	13,251	12,031	100		2022		
	***	477 400	****		PR		5,580	2,507	3,231
So. All	593	177,483	122,661	141,010	GU	2	87	59	58
DE	4	353	236	292					1

<sup>1</sup> Includes mortgage-backed securities and reflects deductions from asset accounts.

Source: U.S. Federal Home Loan Bank Board, Savings and Home Financing Source Book, annual.

#### No. 788. FINANCE COMPANIES-ASSETS AND LIABILITIES: 1975 TO 1985

[In millions of dollars, except number of companies. As of June 30. Finance companies include Morris Plan companies and companies whose largest portion of assets is in one or more of the following kinds of receivables—seles finance receivables, personal cash loans to individuals and families, short and intermediate-term business receivables, and junior liens on real estate. For 1985 based on a stratified random sample of 317 companies]

ITEM	1975	1980	1985	ITEM	1975	1980	1985
Number of companies	3,376	2,775	1,738	Assets—Con. Less: Reserves for unearned		10	
Total assets, net	88,716	175,025	290,707	income,	7,684	21,251	35,757
Total receivables, gross	85,994	183,341	304,286	Less: Reserves for losses		2,981	4,741
Consumer receivables	40,814	77,260	117,647	Total receivables, net	76,687	159,108	263,788
Retail passenger car paper	9,938	27,118	59,130	Other assets	12,029	15,917	26,919
Mobile homes	3,461	4.832	9,281	Total Bakilling coulded and	1		
Retail consumer goods	12,647	22,702	30,733	Total liabilities, capital, and	88,716	175,025	290,707
Personal cash loans	14,769	22,609	18,502	Loans and notes payable to banks		15,458	17,296
Business receivables	39,286	86,067	147,330	Commercial paper	25,905	52,328	90,432
Wholesale paper	10,945	21,741	32,517	Other short-term paper		10,627	
Retail paper		26,318	40,314		29,013	52,898	(NA
Lease paper	8,065	23,261	51,484	Debt due to parent		(NA)	14,440
Other business credit		14,747	23,015	Debt not elsewhere classified	(NA)	(NA) 18,363	92,483
Real estate loans	1,946	11,831	25,876	Other liabilities		18,363	38,339
Other receivables	3,948	8,183	13,433	Capital, surplus, undivided profits	13,951	25,350	37,717

#### NA Not available.

Source: Board of Governors of the Federal Reserve System, Federal Reserve Bulletin, March 1976 and May 1961 Issues, and unpublished data.

#### NO. 780. HOLDINGS OF CONSTRUCTION, LONG-TERM MORTGAGE, AND LAND LOANS, BY TYPE OF LOAN, 1970 TO 1986, AND BY LENDER, 1986

[In billions of dollars. As of and of year]

										1995			
										Ler	nder		
TYPE OF LOAN	1970	1970	1963	1963	1964	1963	Total <sup>1</sup>	Sev- ings and loan asen.	Com- mercial banks	Mutual sev- ings banks	Life ineur- ance compa- nies	Federial Resident	Mort- gage pools
Mortgage credite,													
total	422	731	1,318	1,612	1,807	2,000	2,373	967	400	-	196	175	563
construction loans	18	41	83	110	146	152	173	41	107	5	1	1	-
homes Multifamily	5	13	26	33	39	34	36	13	19	1	(Z)	-	-
residential Nonresidential	•	12 17	14 22	23 54	26 81	28 90	37 100	10 17	13 74	1 2	(z)	1	_
Farm properties .ong-term mortgage	(Z)	-	-	-	-	-	-	-	-	-	-	-	-
loans 1-4 unit family	400	679	1,242	1,484	1,711	1,872	2,180	606	374	90	189	174	553
homes	267	435	857	1,020	1,183	1,294	1,507	458	212	86	13	108	533
FHA incured	62	68	105	145	156	178	221	8	7	5	2	11	168
VA guaranteed Conventional	37 1 <b>68</b>	57 310	91 861	114 760	120 908	127 991	135 1,151	11 439	201	54	1	91	96 267
Multiferrity	46	82	114	124	146	161	190	-38	15	10	20	25	20/ 11
Nonresidential	i 📸	128	205	258	299	338	393	78	134	15	145	- 6	l (z)
Farm properties	20	34	68	83	84	79	70	1	13	-	111	36	(z)
and loans	4	11	13	18	29	36	40	20	17	(Z)	1	-	i -

Z Less then \$500 million. 1 includes other lenders not shown separately. Represents zero.

Source: U.S. Dept. of Housing and Urban Development, *The Supply of Mortgage Credit, 1970-1979*; and monthly and querterly rese releases based on Survey of Mortgage Lending Activity.

#### No. 791. MORTGAGE ACTIVITY OF BANKS, INSURANCE COMPANIES, AND SAVINGS AND LOAN **ASSOCIATIONS: 1970 TO 1986**

[in billions of dollars. Loans outstanding are as of and of year, Bank and savings and loan data include Puerto Rico. See also Historical Statistics, Colonial Times to 1970, series N 266-257, X 636-639, and X 911]

ITEM	1970	1975	1970	1979	1983	1961	1983	1063	1984	1963	1636
commercial benks:										'	Ì
Loans outstanding 1	73.3	136.2	212.7	243.8	262.3	282.7	299.0	328.0	374.8	425.3	497.9
Nonfarm residential	45.6	82.9	136.3	158.1	170.2	181.7	185.5	196.2	212.9	229.1	250.7
FHA-insured	. 7.9	6.3	5.2	4.8	4.4	4.5	4.6	5.6	5.8	5.7	7.0
VA-gueranteed	2.6	3.1	2.8	2.7	2.4	2.4	2.7	3.1	3.0	3.3	4.
Conventional	. 35.1	73.5	128.3	150.6	163.3	174.7	178.2	167.5	204.1	220.1	248.
Other nonfarm	23.3	46.9	68.0	77.1	83.5	92.7	105.1	122.4	151.3	184.8	225.
Farm		6.4	8.5	8.6	8.5	8.3	8.4	9.3	10.5	11.4	12.0
Autual savings banks:										ĺ	
Loans acquired *	6.1	8.9	15.5	14.0	8.2	5.6	7.0	17.3	21.3	11.0	31.
Loens outstanding 2	57.9	77.2	94.4	99.7	100.1	99.3	97.1	99.5	106.4	81.8	95.
Loans outstanding *	49.9	63.8	78.5	83.7	83.9	83.4	81.6	83.8	88.7	67.6	78.
FHA-insured	16.1	14.4	13.8	13.8	13.2	12.5	11.7	10.7	9.5	7.0	6.
VA-guaranteed	12.0	12.4	11.9	11.4	10.8	10.3	9.7	8.8	7.9	6.9	5.0
Conventional	21.8	37.0	52.9	58.5	59.9	60.6	60.2	64.3	71.4	53.7	66
Other nonfarm	7.9	13.3	15.9	16.0	16.1	15.8	15.5	15.7	17.7	14.2	17.0
.life innurance companies:	ı	Ì		l	l				ļ	1	
Loans acquired *	6.6	8.8	16.9	19.6	18.3	13.0	10.0	18.8	19.2	31.7	40.0
Nonfarm		7.7	14.2	16.8	16.5	11.8	9.3	17.6	18.2	30.6	39.
Fam		1.1	2.7	2.8	1.8	1.2	.7	1.2	1.0	1.1	1.3
Loans outstanding		69.2	102.9	115.1	127.9	135.6	138.5	148.4	154.5	167.9	190
Nontarm	68.7	82.4	92.4	103.0	115.0	122.5	125.7	135.7	142.1	156.1	179.
FHA-insured	11.4	7.9	6.1	5.8	5.5	5.1	4.8	4.4	4.1	3.2	2
VA-guaranteed	5.4	3.9	3.2	3.0	2.8	2.6	2.5	2.3	2.0	1.5	1 73
Conventional		70.6	83.1	94.2	106.7	114.8	116.4	129.0	136.0	151.4	175
Fam		6.8	10.5	12.2	12.8	13.1	12.8	12.7	12.4	11.8	11.
levines and loan associations:				1					ļ		
Loans acquired 2 4	22.0	58.3	112.8	104.6	81.7	58.5	67.2	148.9	194.2	210.6	200
Loans outstanding *		278.6	432.9	475.8	502.8	517.9	492.2	512.9	841.4	858.2	867
FHA-ineured	10.2	16.5	13.2	13.0	12.6	12.0	12.1	12.8	12.3	11.1	
VA-gueranteed	8.5	14.0	15.8	15.6	15.0	14.2	14.0	15.5	15.0	13.7	111
Conventional		248.0	403.9	447.2	475.0	491.7	406.1	484.6	614.1	633.4	647

Includes loans held by nondeposit trust companies, excludes holdings of trust departments of commercial banks. Mortgage loans on all types of property acquired either by origination or purchase. Long term loans only, excluding struction and land loans. \*\* Includes a small amount of term loans not shown separately. \*\* Includes Guern. \*\* Includes respirately and purchase loans, purior lears and real estate sold on contract.

Source: U.S. Dept. of Housing and Urban Development, The Supply of Mortgage Credit, 1970–1979; and monthly and quarterly as releases based on the Survey of Mortgage Lending Activity.

# NO. 792. PURCHASES AND SALES OF MORTGAGE LOANS, BY LENDER: 1970 TO 1986 [In millions of dollars. Covers all types of property]

YEAR	Total	Savings associa- tions <sup>1</sup>	Sev- ings benks	Com- mercial banks	Mort- gage compe- nies	Feder- al credit agen- cles	Mort- gage pools	Other
Purchases: 1970 1975 1980 1982 1983 1984 1985	16,405 38,004 78,144 118,621 109,856 190,178 257,674 471,284	3,894 8,471 13,189 23,724 44,986 64,623 84,992 71,255	1,806 1,751 1,212 1,531 2,746 3,175 2,934 3,593	818 431 4,902 3,270 5,107 8,133 11,953 32,138	820 3,445 4,963 13,174 11,205 20,844 55,230	5,687 12,526 16,333 20,021 26,923 26,765 32,953 39,530	2,726 12,829 29,355 59,329 98,122 68,216 114,294 269,435	1,612 1,776 9,708 5,793 8,816 8,037 9,804 9,105
Salec: 1970 1975 1980 1982 1982 1984 1985	18,933 35,290 77,129 113,288 163,410 158,708 224,262 364,093	980 5,234 16,140 54,446 54,194 64,097 103,217 184,566	283 269 782 2,218 3,211 3,374 6,001 15,482	1,965 3,388 8,403 8,208 15,419 13,610 19,173 31,581	12,508 16,324 36,987 30,883 70,362 58,571 78,099 162,800	2,587 8,664 10,463 12,697 13,674 12,244 7,960 15,943	331 671 4,069 4,321 5,410 6,044 5,535 1,422	262 512 295 415 1,140 2,788 4,367 2,280

<sup>&</sup>lt;sup>1</sup> Includes Federal sevings banks insured by the Federal Savings and Loan Insurance Corporation.

Source: United States League of Savings Institutions, Washington, DC, Savings Institutions Sourcebook, annuel. Data from U.S. Department of Housing and Urban Development.

#### No. 783, MORTGAGE DEBT OUTSTANDING: 1970 TO 1986

[In billions of delians. As of Dec. 31. includes Puerto Rico and Guern. See also Historical Statistics, Colonial Times to 1970, series N 273 and N 276]

TYPE OF PROPERTY AND HOLDER	1970	1975	1978	1979	1980	1981	1982	1983	1984	1965	1986
Mortgage debt, total	474	792	1,162	1,327	1,458	1,563	1,630	1,813	2,034	2,267	2,564
Residential nonfarm	358	583	879	1.005	1,106	1,180	1,219	1,350	1,503	1.681	1,912
1- to 4-family homes	297	482	754	871	964	1,038	1.074	1,189	1,318	1,467	1,666
Savings and loan associations	125	224	356	394	420	433	393	388	422	432	404
Commercial banks	42	77	129	150	160	170	174	183	196	213	236
Mutual savings banks	42	50	63	66	68	68	65	94	107	122	155
Life insurance companies	27	18	14	16	18	17	17	15	14	12	13
Federal agencies	22	38	44	53	61	68	78	87	98	110	127
Individuals and others	40	76	147	191	237	281	347	422	481	577	732
5 or more units	60	101	125	135	142	142	146	161	185	214	247
Commercial	86	159	212	236	256	278	301	350	418	481	554
Farm	30	50	72	86	96	106	110	113	112	106	96

Source: Board of Gevernors of the Federal Reserve System, Federal Reserve Bulletin, monthly.

# No. 794. MORTGAGE DELINQUENCY AND FORECLOSURE RATES AND PRIVATE AND GOVERNMENT MORTGAGE INSURANCE: 1970 TO 1986

[in percent, except as indicated. Covers one- to four-family residential nonfarm homes]

	DI	ELINQUENCY	RATES		FC	RECLOSURE	RATES	2			RIVATE A	ND ORTGAGE
									Claims paid by		INSURAN	CE
YEAR	Total	Conventional loans	VA loans	FHA loans	Total	Conven- tional loans	VA loans	FHA loans	private mort- gage insur- ers <sup>9</sup> (mil. dol.)	Pri- vate (bil. dol.)	FHA/ VA (bil. dol.)	Insur- ance as a percent of home mort- gage debt
1970	3.13 4.37 4.97 5.53 5.59 5.66 5.84 5.57	1.74 2.71 3.09 3.71 3.89 3.85 4.05 3.80	3.03 4.17 5.33 5.95 6.09 6.38 6.63 6.58	3.65 5.45 6.56 7.06 7.07 7.28 7.46 7.16	.33 .38 .38 .67 .67 .73 .81	.08 .16 .17 .39 .46 .47 .61	.50 .36 .46 .76 .76 .82 .88 1.14	.40 .46 .53 .88 .84 .98 1.01 1.22	(NA) (NA) 58.7 209.9 356.8 472.1 971.2 1,219.4	7.3 40.0 105.3 124.2 148.0 192.0 223.7 230.3	97.3 127.7 195.2 217.9 248.8 265.9 288.8 (NA)	35.2 34.8 31.2 31.8 33.4 34.4 35.0 (NA)

NA Not available. 

Number of loans delinquent 30 days or more as percentage of mortgage loans serviced in survey Annual average quarterly figures, seasonally adjusted.

Percentage of loans in the foreofosure process at yearend, as seasonally adjusted.

Source: Mortgage Insurance Compenies of America, Washington, DC, unpublished date.

Prelimited States League of Savings Institutions, Washington, DC, Savings Institutions Sourcebook, annual.

Prelimiterly Source: Except as noted, Mortgage Bankers Association of America, Washington, DC, National Delinquency Survey, quarterly

#### NO. 795. CONSUMER CREDIT OUTSTANDING: 1970 TO 1986

[in billions of dollars, except percent. Estimated amounts of credit outstanding as of and of year. Seasonally adjusted. See also Historical Statistics, Colonial Times to 1970, series X 551-560]

TYPE OF CREDIT	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Credit outstanding	139.4	217.4	242.0	278.9	325.0	366,4	369.1	390.1	409.5	468.5	561.5	657.0	723.6
Ratio to disposable personal income <sup>1</sup> (percent)	19.0	18.3	18.7	19,4	20.0	20.4	18.4	17.8	17.7	18.5	20,6	22.6	23.6
Installment	103.9	167.0	187.8	221.5	262.0	296.5	295.8	311.0	325.1	373.1	446.2	522.B	577.8
Automobile paper	36.4	57.0	66.8	80.9	98.7	112.5	112.0	120.0	125.4	145.9	172.4	208.1	245.1
Revolving		14.5	16.6	36.7	45.2	53.4	54.9	60.8	66.0	78.4	99.6	122.0	135.0
Mobile home paper		15.4	15.7	16.4	16.9	18.2	18.3	19.3	21.7	23.0	24.7	25.5	25.7
All other loans	60.2	80.2	88.6	87.5	101.1	112.4	110.7	111.3	112.0	125.9	149.5	167.2	172.1
Commercial banks	48.6	83.0	93.6	112.1	135.6	152.7	145.6	146.0	149.1	169.3	209.2	242.1	261.6
Finance companies		32.7	34.4	38.3	45.8	57.0	61.9	69.7	75.0	83.0	90.0	113.1	136.5
Credit unions	12.9	25.5	30.9	37.3	44.0	46.1	43.7	45.6	46.9	53.1	65.6	72.1	77.9
Retailers 1	12.9	16.7	18.3	21.5	23.7	25.6	26.1	28.5	29.4	34.2	37.2	38.9	40.€
Other 3	2.3	9.2	10.5	12.2	13.0	15.0	18.5	21.1	24.8	33.5	44.7	56.7	61.2
Noninstallment	35.5	50.4	54.2	57.4	63.0	70.0	73.3	79.1	84.3	95.5	115.3	134.2	145.5
Single-payment loans		27.1	28.5	32.4	35.4	39.4	41.8	43.5	46.7	52.2	61.7	70.1	76.6
Charge accounts	8.7	11.1	12.1	10.3	11.2	11.9	12.2	13.3	13.3	14.8	18.3	21.5	21.8
Service credit	7.5	12.2	13.5	14.8	16.7	18.7	19.3	22.3	24.3	28.5	35.3	42.6	47.1
Delinquency rate, bank installment	Ex	100	133		200		130	13				102	
loans 4	2.14	2.77	2.57	2.62	2.71	2.93	2.82	2.61	2,39	1.94	2.09	2.32	2.26

Based on fourth quarter seasonally adjusted disposable personal income at annual rates as published by the U.S. Bureau of Economic Analysis in sources listed in table 678.
 Ecoludes 30-day charge credit held by travel and entertainment companies.
 Comprises savings institutions and gasoline companies.
 Ratio of seven types of closer-ond installment loans (excluding revolving credit and bank cards) delinquent 30 days or more as a percentage of total installment loans outstanding; ratio based on number of loans. Source: American Bankers Association, Washington, DC, Delinquency Rates on Bank Installment Loans, quarterly.

### No. 796. Installment Credit—Finance Rates on Selected Types of Credit for Commercial Banks and Finance Companies: 1975 to 1986

[Percent per year. Annual averages. Commercial bank rates are "most common" rates for direct loans with specified maturities; finance company rates are weighted averages for purchased contracts]

TYPE	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Commercial banks:	6	-		201		15.	2.50	100		(6)		
New automobiles (48 months) 1	11.36	11.07	10.92	11.02	12.02	14.30	16.54	16.83	13.92	13.71	12.91	11.33
Mobile homes (120 months) 1	11.82	11.75	11.84									13.99
Other consumer goods (24 months)		13.02		13.19	13.85	15.47	18.09	18,65	16.68	16,47	15.94	14.82
Credit-card plans	17.16	17.05	16,89	17.03	17.03	17.31	17.78	18.51	18.78	18.77	18.69	18.26
Finance companies:	1	100		NC 11	- 11			1	200	300	100	
New automobiles	13.12	13.17	13.14	13.15	13.51	14.82	16.17	16.15	12.58	14.62	11.98	9.44
Used automobiles	17.63	17.63	17.62	17.67	17.98	19.10	20.00	20.75	18.74	17.85	17.59	15.95

<sup>&</sup>lt;sup>1</sup> For 1975-1982, maturities were 36 months for new car loans and 84 months for mobile home loans. Source of tables 795 and 798: Except as noted, Board of Governors of the Federal Reserve System, Federal Reserve Bulletin, monthly; Annual Statistical Digest, and unpublished data.

### No. 797. Main Checking Account Features, Electronic Fund Transfers, and Automated Teller Machines (ATM): 1986

[Percent of all checking accounts, except as indicated. See headnote, table 798]

ITEM	Per- cent	ITEM	Per- cent
Checking accounts: Location of checking account— Commercial bank Savings and loan Credit union or brokerage house	67 23 11 27 35 26 12 49 74	Service charge: * Dependent only on account balance Dependent only on number of checks Dependent on both checks and account balance Flat or dependent on other factors Overdraft protection Electronic fund transfers: Percent of families using— Direct deposit Automatic payment Automatic payment Automatic of owners using ATM to withdraw cash Median number of ATM cash withdrawals in month 4	30 31 24 16 43 32 46 66

<sup>1</sup> For all accounts paying interest. 2 For all accounts paying service charges. 2 For families owning at least one transaction account. 4 For families who used an ATM to withdraw cash during the month.

Source: Board of Governors of the Federal Reserve System, Federal Reserve Bulletin, March 1987.

#### No. 798. MONTHLY USE OF BANKING ACCOUNTS, CREDIT CARDS, AND CASH-SUMMARY: 1984 AND 1986

[In percent, except as indicated. Families include one-person units; for definition of family, see text, section 1. Based on sample surveys of 1,885 families in 1954 and 658 families in 1965 residing in the United States. Data are subject to sampling variability, see source. For definition of median, see Guide to Tabular Presentation]

ITEM	1984	1986	ITEM	1984	1986
Percent of families paying with— Cash, checks and credit cards 1	7 6 52 10	66 19 8 7	MONEY ORDER  Percent of families using money orders	\$3,107	\$153 59 \$2,500 2 \$138
Money orders	30	8 2 34	Percent of families— Owning credit cards Using credit cards 7 Revolving credit card accts.*	76	71 82 49
MAIN CHECKING ACCOUNTS  Percent of families owning these accounts	\$580	85 \$650 14 \$65	Hedan number of— Cards per family * Transactions per family * Median amount— Per transaction * *	4	5 5 \$35
OTHER CHECKING ACCOUNTS  Percent of families owning these accounts  Median account balance 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	\$695	22 \$814 7 \$86	Charged per family **		\$150

Source: Board of Governors of the Federal Reserve System, Federal Reserve Bulletin, March 1987.

No. 780, Households Owning Interest-Earning Assets, by Selected Characteristic: 1964 [Excludes persons in group quarters. Based on the Survey of Income and Program Participation; see text, section 14]

				PER	CENT OW	ING INTE	REST-EAF	WING FIN	ANCIAL A	SETS		
				Held at fi	nencial ir	etitution			Other Inte	reel-earnir	g assets	1
CHARACTERISTIC OF HOUSEHOLDER	Num- ber of house- holds (1,000)	Total 1	Total <sup>1</sup>	Pase- book sav- ings ac- counts	Money mer- lost de- poelt ac- counts	Certificates of de-	Inter- est earn- ing check- ing ac- count	Total 1	Money mer- icet funds	U.S. Govern- ment securi- ties	Muni- cipel and corpo- rate bonds	Other 80- sets
Total *	30,790	72.4	71.8	62.9	15.7	19.1	24.9	8.8	3.8	1.4	2.6	24
Age:		_						1		Į.	1	
Under 36 years old	25,730	65.1	64.5	58.3	7.8	7.1	20.9	4.8	2.1	.3		2.1
36-44 years old		73.3	72.4	86.4	14.0	12.7	23.0	7.9	3.9	.8	1.9	24
46-54 years old		73.4	72.9	86.1	15.9	18.5	25.0	9.1	4.2	1.3	2.5	3.0
56-64 years old	12,920	78.7	76.0	65.0	22.3	28.2	26.1	11.5	5.4	2.0	4.4	3.4
85 years old and		1	l	l	l	1	ļ	l		ļ	1	l .
OVer	18,151	79.2	77.5	82.5	23.9	36.0	30.0	11.6	4.7	3.1	4.7	3.0
White		76.0	75.4	86.7	17.4	21.2	27.0	9.4	4.2	1.8	2.9	3.0
Plack	9,500	44.4	43.8	41.6	2.8	4.2	7.2	2.1		.1	.3	1.0
Hispanic * Education:	4,162	51.1	50.8	46.9	5.0	8.3	11.9	2.0	1.1	.1	.1	
Lees then 12 years	24,736	56.0	57.6	50.1	9.7	16.9	14.9	3.6	1.2	.8	.7	1.4
High school, 4	27,484	71.5	70.9	63.0	14.0	18.6	22.0	6.2	2.2	1.0	1.8	21
yearsCollege:												
1-3 years	17,171	76.0	77.3	68.5	14.7	18.1	27.4	8.7	3.8	1.8	2.7	2.7
4 years or more Househeld not worth:	17,430	86.9	67.7	75.5	28.2	23.8	41.1	16.7	9.9	2.8	6.7	5.1
Negative or zero	9.529	30.6	30.4	26.9	1.8	1.1	9.2		.4	-	-	1 1
\$1-\$4.900		51.8	51.2	47.6	1.6	2.7	11.0	1.4	2		_	1.1
25,000-20,000	5,864	67.7	86.9	62.1	5.6	7.7	18.2	3.2	1.2	2	.4	1 16
\$10,000-\$24,968	10,736	73.2	72.6	63.9	8.8	10.7	20.5	4.7	1.5		7	21 21 21 41
\$25,000-\$40,000		77.4	78.5	68.3	10.6	15.9	21.3	6.1	2.6		.8	1 2
950,000-900,958	16,715	86.6	88.9	75.1	20.7	28.0	30.7	9.0	4.2	1.1	1.0	1 21
\$100,000-\$240,000	13,206	98.1	92.3	78.3	35.6	421	40.9	17.6	8.1	3.7	5.9	i â
\$250,000-8400,538	3,481	94.9	98.8	74.9	46.3	43.4	50.9	31.2	15.9	8.8	14.6	7.4
\$600,000 and over	1,854	98.1	94.2	77.6	51.1	43.6	50.9	42.1	21.0	10.3	29.1	

<sup>-</sup> Represents zero.

1 Dotall does not add to total because some households have more than one of the types of interest sensing assets specified.

1 Includes other races, not shown separately.

1 Heparic persons may be of any race.

Source: U.S. Bureau of the Census, Current Population Reports, series P-70, No. 7.

NA Not available. 
<sup>1</sup> Checks include personal checks, bank checks, automatic payments, and electronic payments.

<sup>2</sup> Money market accounts cover money market deposit accounts and money market mutual funds.

<sup>3</sup> For account owners.

<sup>4</sup> In constant (1969) dollars.

<sup>5</sup> For families using money orders.

<sup>7</sup> For credit card owners.

<sup>8</sup> For families who own bank or store credit cards.

<sup>9</sup> For families using money orders.

#### No. 800, Money Stock and Liquid Assets: 1970 to 1987

[In billions of dollars, except percent. As of December, except as indicated. Seasonally adjusted averages of delly figures. See Historical Statistics, Colonial Times to 1970, series X 410-417 for similar data]

ITEM	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987, Mar.
M1 1	217	291	363	391	417	443	481	527	558	627	731	740
M2 1	628	1,023	1,389	1,500	1,633	1,796	1,954	2,185	2,369	2,570	2,800	2.826
M3 1	678	1,172	1,647	1,807	1.991	2.236	2.443	2,693	2,985	3,206	3,489	3,525
	816	1.367	1,911	2,120	2,328	2,599	2,853	3,155	3,529	3,839	4,141	4,177
Currency	49	74	98	106	117	124	134	148	159	171	184	188
Demand deposits		214	253	261	265	235	238	242	248	272	308	299
Travelers checks	100	2	4	4	4	4	4	5	5	6	6	7
Other checkable deposits *	(z)	1	9	20	31	80	105	131	146	178	232	246
Savings deposits	261	389	482	424	401	344	357	306	289	304	366	396
Money market deposit accounts 2	(7)	(z)	(z)	(Z)	(Z)	(z)	43	379	417	513	571	571
Small denomination time deposits 3	(Z) 151	338	521	634	729	823	852	785	886	885	854	845
Large denomination time deposits *	45	130	196	223	260	302	329	328	419	438	448	453
Money market mutual funds, total 2	(z)	3	10	43	77	189	236	181	230	242	292	297
General purpose and broker/dealer 2	(z)	3	6	33	62	151	185	138	168	177	208	212
Institution only 2	(z)	(z)	3	10	15	38	51	43	63	65	84	85
Overnight repurchase agreements	(2)	(2)		10	10	30	0,	40	00	- 00	04	
and Eurodollars 2		6	20	21	28	36	39	54	56	70	77	77
	1.45		20	21	20	30	35	34	30	10		1
Annual percent change: 5	5.0	6.1	8.3	7.7	6.5	6.4	8.6	9.5	5.8	12.5	16.5	4 15.5
M1	6.5	7.9	8.0	8.0	8.9	9.9	8.9	11.8	8.4	8.5	9.0	6 8.7
MZ				9.7	10.2		9.2		10.9		8.9	
M3	7.1	11.6	11.8			12.3		10.2		7.4		6 7.9
L	6.9	10.9	12.1	10.9	9.8	11.7	9.8	10.6	11.9	8.8	7.9	6 7.1

Z Less than \$500 million. ¹ M1 is currency plus demand deposits plus travelers checks of nonbank issuers plus other checkable deposits at banks and thrift institutions; M2 is M1 plus overnight RP's and Eurodollars, balances of general purpose and brotser/desier money market mutual fund shares, money market deposits accounts, and savings and small time deposits at commercial banks and thrift institutions; M3 is M2 plus large time deposits and term RP's at commercial banks and thrift institutions, term Eurodollars, and balance of institutions—only money market mutual tunds; and L is M3 plus other liquid assets such as savings bonds, short-term Tressury securities, bankers' acceptances, and commercial paper. ² Not seasonable adjusted. ² issued in amounts of less than \$100,000 includes retail repurchase agreements. Excludes individual retirement accounts and Keogh accounts at commercial banks and thrifts. ¹ issued in amounts of \$100,000 or more and are net of holdings of domestic banks, thrift institutions, the U.S. Government, money market mutual funds, and foreign banks and official institutions. ¹ From previous year shown; for 1970, from 1985. For definition of annual percent change, see Guide to Tabular Presentation. ¹ Change from March 1986—March 1987.

#### No. 801. BANK DEBITS AND DEPOSIT TURNOVER: 1971 TO 1986

[Debits in trillions of dollars; turnover as ratio of debits to deposits. Annual averages of monthly data]

ITEM	1971	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Debits to:			200	-				1 - 1 - 1		0.51	ltgs.	
Demand deposits, all banks 1	11.3	25.1	34.3	40.2	49.8	63.1	81.2	91.0	109.5	128.1	154.1	189.4
Major New York City banks	4.1	9.7	13.8	15.0	18.5	25.2	34.0	38.0	47.7	57.3	70.4	91.3
Other banks	7.3	15.4	20.4	25.2	31.3	37.8	47.2	53.0	61.8	70.8	83.7	98.1
ATS/NOW accounts #	(NA)	(NA)	(NA)	(Z)	(Z)	.2	.7	1.0	1.4	1.6	1.9	2.3
Money market deposit	5-6	Marie Sale	100	100		1		Out to		1	11.2.1	1
accounts (MMDA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	.6	.8	1.2	1.6
Savings deposits 3	(NA)	(NA)	(NA)	-4	.6	.7	.7	.7	.7	.6	.5	A
Deposit turnover:						100		10.5	1000		1,000	100
All banks 1	64	105	129	139	163	203	286	325	380	433	497	512
Major New York City banks	171	358	502	542	644	815	1.114	1,296	1,510	1,839	2,191	2,474
Other banks	47	73	86	96	113	135	186	212	241	244	302	328

NA Not available. Z Less than \$50 billion. ¹ Represents accounts of individuals, partnerships, and corporations, and of States and political subdivisions at insured commercial banks. ² Accounts authorized for negotiable orders of withdrawal (NOW) and accounts authorized for automatic transfer to demand deposits (ATS). ² Excludes ATS and NOW accounts, MMDA and special club accounts, such as Christmas and vacation clubs.

#### No. 802. FEDERAL RESERVE BANK OF NEW YORK-DISCOUNT RATES: 1976 TO 1987

[Percent per year, Rates for short-term adjustment credit. For rates applicable to other types of discount window credit, see source. See also Historical Statistics, Colonial Times to 1970, series X 454-455]

EFFECTIVE DATE	Rate	EFFECTIVE DATE	Rate	EFFECTIVE DATE	Rate	EFFECTIVE DATE	Rate
1976: Jan. 19	51/2	1979: July 20	10	1961: May 5		1984; April 9	
Nov. 22		Aug. 17	101/2	Nov. 2		Nov. 21	
1977: Aug. 31	5%	Sept. 19	11	Dec. 4		Dec. 24	
Oct. 26	6	Oct. 8	12	1962: July 20	111/2	1985: May 20	73
1978: Jan. 9		1985: 1 Feb. 15	13	Aug. 2	11	1985: March 7	i '
May 11		May 30	12	Aug. 16	101/2	April 21	67
July 3		June 13		Aug 27		Júly 11	
Aug. 21		July 28		Oct. 12	91/2	Aug. 21	53
Sept. 22		Sept. 26		Nov. 22		1	1
Oct. 16		Nov. 17		Dec. 15		in effect, June 30.	ĺ
Nov. 1	914	Dec. 5	13	1		1967	53

<sup>&</sup>lt;sup>1</sup> See table 803, footnote 5.

Source of tables 800-802: Board of Governors of the Federal Reserve System, Federal Reserve Bulletin, monthly, and Annual Statistical Dispect.

No. 803. Money Market Interest Rates and Mortgage Rates: 1970 to 1986

[Percent per year. Annual averages of monthly data, except as indicated. See also Historical Statistics, Colonial Times to 1970, series X 444-453]

TYPE	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1966
ederal funds, effective rate	7.18	5.82	5.54	7.93	11.19	13.36	16.38	12.26	9.09	10.23	8.10	6.80
Commercial paper, 3-month 1 3	(NA)	6.25	5.55	7.94	10.97	12.66	15.33	11.89	8.88	10,10	7.95	6.49
rime rate charged by banks	7.91	7.86	6.82	9.06	12.67	15.27	18.87	14.86	10.79	12.04	9.93	8.33
urodollar deposits, 3-month	8.52	7.03	6.03	8.78	11.96	14.00	16,79	13.12	9.57	10.75	8.27	6.70
inance paper, 3-month 1 1	7.18	6.15	5.49	7.80	10.47	11.49	14.08	11.23	8.70	9.73	7.77	6.38
Bankers acceptances, 90-day 2 4 large negotiable certificates of deposit, 3-month, secondary	7.31	6.29	5.54	8.06	10.99	12.72	15.32	11.89	8.90	10.14	7.92	6.39
market	7.56	6.44	5.64	8.22	11.22	13.07	15.91	12.27	9.07	10.37	8.05	6.52
ederal Reserve discount rate 5	51/2-6	6-7%	514-6		914-12	10-13		81/2-12	814			5%-7%
J.S. Government securities: *		100	1	0.4			1.7	2.2		1 3	1	1
3-month Treasury bill	6.39	5.78	5.27	7.19	10.07	11.43	14.03	10.61	8.61	9.52	7.48	5.98
6-month Treasury bill	6.51	6.09	5.53	7.58	10.06	11.37	13.80	11.07	8.73	9.76	7.65	6.03
1-year Treasury bill	6.48	6.28	5.71	7.74	9.75	10.89	13.14	11.07	8.80	9.92	7.81	6.08
Prime 1-year municipals *	4.35	3.91	2.91	4.15	5.34	6,25	7.92	7.88	5.29	6.05	5.12	4.33
fome mortgages (HUD series *):		100	10	100	110				110	1.71		
FHA insured, secondary		2.2										
market "	9.03	9.19	8.68	9.70	10.87	13.44	16.31	15.31	13.11	13.82	12.24	9.91
Conventional, new-home 10 11 Conventional, existing-home 10	8.52 8.56	9.10	9.00	9.68	11.15	13.95 13.95	16.52 16.55	15.79	13.43	13.80	12.28	10.07

NA Not available. 

Based on daily offering rates of dealers. 

Yields are quoted on a bank-discount basis, rather than an investment yield basis (which would give a higher figure). 

Placed directly; averages of daily offering rates of dealers. 
Beaed on the most representative daily offering rates of dealers. Beginning Aug. 15, 1974, closing rates were used, and from Jan. 1, 1961, rates of top-rated banks only. 
Federal Reserve Bank of New York, low and high. The discount rates for 1960 and 1961 do not include the surcharge applied to frequent borrowings by large institutions. The surcharge reached 3 percent in 1965 and 4 percent in 1961. Surcharge was eliminated in Nov. 1961. 

Averages based on daily closing bid yields in secondary market, bank discount basis. 

Averages based on quotations for one day each month. Source:

Salomon Brothers, Inc., New York, NY, An Analytical Record of Yields and Yield Spreads. 

PHUD—Housing and Urban Development. 

Averages based on quotations for 1 day each month as compiled by FHA.

\*\*Primary market.\*\*

Source: Except as noted, Board of Governors of the Federal Reserve System, Federal Reserve Bulletin, monthly, and Annual Statistical Digest.

#### NO. 804. SELECTED TIME DEPOSITS AND OTHER ACCOUNTS AT INSURED COMMERCIAL BANKS-**DEPOSITS AND INTEREST RATES: 1983 TO 1987**

[Estimates based on data collected from a sample of about 550 banks]

		MOUNT OL	JTSTANDIN	ia (mil. do	L)	A	VERAGE I	RATE PAI	(percer	4)
TYPE OF DEPOSIT	1986,	1964,	1986,	1986,	1967,	1986,	1984,	1986,	1986,	1007,
	Dec.	Dec.	Dec.	Dec.	Mer.	Dac.	Dec.	Dec.	Dec.	Mar.
"Super NOW" accounts 1	28,769	34,856	44,545	184,247	162,976	7.30	7.01	5.90	5.00	4.8
	231,593	271,160	330,077	379,908	374,642	8.36	8.10	8.71	5.19	6.1
7-31 day	177,543	5,354	5,318	6,101	6,177	8.50	8.01	6.85	5.45	5.4
32-91 day		17,953	20,908	21,801	21,232	8.61	8.07	7.16	5.62	6.4
92-182 day		165,349	147,777	131,483	128,726	9.42	8.77	7.50	5.70	5.7
163 day-1 year 1-2½ year 2½ year or more	43,431 111,409	59,429 69,875 107,119	66,131 81,172 115,355	72,227 83,761 120,699	75,257 84,626 119,228	9.56 10.07 10.48	9.11 9.73 10.18	7.77 8.24 6.73	5.93 6.22 6.61	5.9 6.2 6.6
All IRA and Keogh Plan deposits	30,144 1,342	44,033 1,228	59,352 1,294	73,127 1,062	75,999 1,056	6.19	7.49	6.77	6.37 6.37	5.1

NA Not available. 

Negotiable order of withdrawal accounts containing an agreement between depositor and depositor such that some or all funds deposited are eligible to earn more than 5.25 percent. As of January 1, 1995 interest rate calling were removed from all NOW accounts. Beginning with the December 1996 data the Super NOW" accounts category includes a NOW accounts, including those accounts which were subject to a 5.25 percent regulatory interest rate restriction prior to January 1, 1998. Estimates for NOW accounts beginning in December 1996 are based on reports of deposits.

1 begoeins with in minimum belance requirement and no required minimum meturity but institutions must reserve the right to require at least seve days notice prior to withdrawal, no restrictions on depositor eligibility or limitation on the amount of interest that may be paid such accounts may allow up to six transfers per month, no more than three of which may be draft and may permit unfanite withdrawals by mail, messenger, or in person. Estimates based on reports of deposits.

All interest-bearing time certificate and open account time deposits with balances of less than \$100,000, including those held in IFIAs and Kaogh Plan deposits and open account time deposits with balances of less than \$100,000 including those held in IFIAs and Kaogh Plan deposits the transfer of direct obligations of, or obligations fully-guaranteed as to principal and interest by, the U.S. Government or a agency thereof.

Source: Board of Governors of the Federal Reserve System, Federal Reserve Statistical Release HS, monthly.

#### NO. 805, BOND AND STOCK YIELDS: 1970 TO 1986

year. Annual averages of monthly data, except as indicated, series X 474–491] d. See also Historical Statistics, Colonial Times to 1970,

TYPE	1970	1975	1970	1975	1963	1961	1963	1063	1984	1983	1636
constant											
. •	7.00	- 40			44.00		40.00	40.45	44.00		7.07
••••••	7.29	7.49	8.29	9.72	11.55	14.44	12.92	10.45	11.89	9.64	7.07
•••••	7.38	7.77	6.32	9.52	11.48	14.24	13.01	10.60	12.24	10.13	7.31
***************************************	7.36	7.99	6.41	9.44	11.46	13.91	13.00	11.11	12.44	10.82	7.68
	6.88	8.19	8.48	9.33	11.39	13.72	12.92	11.34	12.48	10.97	7.85
-term bonds * *	6.58	6.96	7.89	8.74	10.81	12.87	12.23	10.84	11.99	10.75	8.14
govt. bonds, Asa 4		6.42	5.52	5.92	7.68	10.42	10.88	8.60	9.61	8.80	8.95
govt. bonds, Baa 4	6.75	7.62	6.27	6.73	9.02	11.78	12.46	10.17	10.38	9.58	7.78
nicipal bonds		l		1					ļ		
Poor's) *	8.51	6.89	5.90	6.39	8.51	11.23	11.57	9.47	10.15	9.18	7.38
Buyer, 20 bonds)	6.35	7.05	8.03	6.52	8.59	11.33	11.68	9.51	10.10	9.11	7.32
sessoned 4	8.04	8.83	8.73	9.63	11.94	14.17	13.79	12.04	12.71	11.37	9.02
sessoned 4	9.11	10.61	9.49	10.69	13.67	18.04	16.11	13.55	14.19	12.72	10.39
utility bonds	8.72	9.17	8.90	9.92	12.68	15.65	14.71	12.25	13.40	11.67	9.09
years to maturity: 7		1									
	8.10	7.70	7.75	9.40	12.60	13.25	13.78	9.90	10.20	10.40	7.35
	8.00	6.00	7.98	9.35	12.40	13.00	13.99	10.56	11.80	11.60	8.05
	7.80	8.36	8.20	9.08	12.30	13.00	14.00	11.00	12.60	12.50	8.50
	7.60	8.35	8.25	9.10	12.30	13.00	14.00	11.00	12.60	12.75	8.50
dy's) <sup>4</sup>	8.51	9.57	9.07	10.12	12.75	15.08	14.94	12.76	* 13.49	12.05	9.71
bonds)	8.26	9.25	6.90	9.85	12.35	14.50	14.54	12.25	13.21	11.80	9.96
bonds) 10	8.77	9.39	8.84	9.80	11.48	13.22	13.68	12.08	13.07	11.94	9.85
(40 bonds)	8.68	9.66	9.22	10.39	13.15	15.62	15.33	13.31	14.03	12.29	9.48
d & Poor's): *	00	J.00									J. 3.40
atachal II	7.22	8.36	8.25	9.11	10.60	12.36	12.53	11.02	11.59	10.44	8.76
mpoeite (500 stocks)	3.83	4.31	5.26	5.47	5.26	5.20	5.81	4.40	4.84	4.25	3.49
(400 stocks)	3.82	3.96	5.08	5.20	4.95	4.90	5.48	4.04	4.05	3.76	3.00

he more actively traded issues adjusted to constant maturities by the U.S. Treasury.

\*\*Yields are based on its quoted by at least five dealers.

\*\*Averages (to maturity or call) for all outstanding bonds neither due nor then 10 years, including several very low yielding "flower" bonds.

\*\*Source: Standard & Poor's Corp., New York, NY, \*\*Standard & Poor's Cuttook, weekly.

\*\*Based on first trading onth, deferred call, new issue estimate. Source: Salomon Brothers, Inc., New York, NY, \*\*Analytical Placord of Poor's Courts.

\*\*Source: Soudder, Stevens & Clerk, New York, NY, and \*\*Analytical Placord of poor in the second of the standard on the second call of the second of the second country in the second of the second of the second on the second of the second second of the second

pt as noted, Board of Governors of the Federal Reserve System, Federal Reserve Bulletin, monthly.

#### 806. SALES OF STOCKS AND OPTIONS ON REGISTERED EXCHANGES: 1970 TO 1986

cludes over-the-counter trading. See also Historical Statistics, Colonial Times to 1970, series X 517-530)

HANGE	Unit	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
of all sales, all ex-	Bil. dol Bil. dol Bil. dol Bil. dol Bil. dol		173 143 6 7 6 5 3	324 252 27 12 14 9 7	522 398 47 21 28 13	532 416 40 25 22 13 11	657 515 34 35 32 21 14	1,023 816 48 60 39 31 20	1,004 815 32 62 35 31 19	1,260 1,024 38 79 38 40 23	1,794 1,451 63 102 56 55 35
exchanges <sup>1</sup>	Million Million Million Million	3,213 879 149	6,226 5,056 541 252 199	10,850 8,675 1,161 362 355	15,488 12,390 1,659 598 435	15,910 12,843 1,472 735 457	22,414 18,211 1,550 1,144 810	30,146 24,253 2,209 1,662 1,070	30,456 25,150 1,584 1,843 1,006	37,046 30,222 2,115 2,274 1,352	48,229 39,150 2,999 2,784 1,750
Il exchanges *	Bil. dol Bil. dol Bil. dol Bil. dol	103	157 134 6 7 5	300 251 21 12 8	476 398 35 21 11	491 416 26 25 11	603 514 20 35 18	957 815 31 60 27	951 814 21 62 28	1,200 1,023 26 79 37	1,702 1,446 43 102 51
d, all exchanges 2	A ADDITION OF	(NA)	18 14 4	69 35 19	97 53 29	109 58 35	137 76 39	149 82 39	197 123 40	233 149 49	289 180 65
of contracts traded, jes 2	Bil. dol Bil. dol Bil. dol	(NA) (NA) (NA)	6.4 6.3 (NA)	23.2 13.8 6.4	45.8 27.9 12.5	41.7 22.4 13.8	53.7 32.3 14.3	64.2 39.4 15.8	53.0 34.9 10.5	59.1 38.4 11.6	87.9 55.9 19.0
ed: ontracts	Million Bil. dol		1.3	2.5 10.9	4.9 20.4	7.4 34.6	9.2 37.1	13.6 65.1	11.9 55.6	8.9 49.2	14.5 72.8

ts zero. NA Not evallable. Includes market value of rights and warrants and, through 1975, bond sales.

ratue of options exercised. Includes other registered exchanges, not shown separately. Includes volting
a, American Depository Receipts, and certificate of deposit for stocks. Includes non-equity options as of

No. 807, Security Prices: 1970 to 1986

[Annual averages of monthly figures, except as noted. See also *Historical Statistics, Colonial Times to 1970*, series X 492-496]

CLASS OR ITEM	1970	1975	1970	1985	1961	1982	1983	1984	1985	1996
Bond prices (dollars per \$100 bond):										
Standard & Poor's: Municipal 1 Dow Jones and Co., Inc.: 8	72.3	68.9	73.4	57.4	43.2	41.8	51.4	48.0	53.0	65.1
Yearly high	69.7	69.7	68.1	76.6	66.8	71.5	77.8	72.9	83.7	93.7
Yearly low	64.4	66.2	73.4	61.0	55.0	55.7	69.4	64.8	72.3	83.7
Stock prices: Standard & Poor's common index (500 stocks)										
(1941–43 = 10) <sup>3</sup>	83.2	86.2	103.0	118.7	128.0	119.7	160.4	160.5	186.8	236.3
Industrial	91.3	96.8	114.8	134.5	144.2	133.6	160.5	181.3	207.8	262.2
N.Y. Stock Exchange common stock index (Dec. 31, 1965=50):										
Composite	45.7	45.7	58.3	68.1	74.0	68.9	92.8	92.5	108.1	136.0
	52.4	51.2	63.4	81.0	79.1	82.4	99.8	96.1	121.9	145.8
	37.7	37.1	53.9	55.3	86.0	58.8	79.8	86.1	94.6	117.8
Industrial	48.0	50.5	64.8	76.6	86.4	78.2	107.5	108.0	123.8	156.9
Transportation	32.1	31.1	47.3	60.5	72.6	60.4	69.4	85.8	104.1	119.9
Utility	37.2	31.5	38.2	37.3	38.9	39.8	47.0	46.4	56.8	71.4
	54.6	47.1	61.4	64.3	73.5	72.0	95.3	99.3	114.2	147.2
1973 = 50)	48.3	41.6	97.8	150.6	171.8	141.3	216.5	208.0	229.1	264.4
	(NA)	77.6	151.1	202.3	195.9	232.4	278.6	247.4	324.9	348.8
Industrial	333	81.0 60.9 72.4	175.2 162.0 108.2	281.4 186.8 118.4	229.3 194.3 143.1	273.6 226.4 156.4	323.7 257.6 203.8	260.7 263.1 229.8	330.2 382.1 349.4	349.3 404.1 412.5
Dow Jones and Co., Inc., total	()	/2.4	1002	''	140.1	1.50.7	200.0	223.5		1123
(65 stocks) *	243.9	247.3	293.5	328.2	364.8	345.4	472.2	463.1	541.6	702.5
Industrial (30 stocks)	753.2	802.8	844.4	891.4	932.9	884.4	1,190.3	1,178.5	1,328.2	1,792.8
Transportation (20 stocks)	152.4	163.4	237.8	307.2	398.6	359.8	544.8	513.8	645.1	785.4
Public utility (15 stocks)	108.8	79.8	104.6	110.4	108.6	112.0	130.0	131.8	157.6	195.2
Wilshire 5000 equity index * (Dec. 31, 1980 = 1404.596) Standard & Poor's:	• <b>83</b> 0.3	763.8	1,028.9	1,220.7	1,343.7	1,233.7	1,691.5	1,644.6	1,923.8	2,418.8
Dividend-price ratio (percent)	3.83	4.31	5.47	5.26	5.20	5.81	4.40	4.64	4.25	3.48
Earninge-price ratio (percent)	6.45	9.14	13.48	12.60	11.87	11.30	8.02	10.02	8.04	6.10

NA Not available. ¹ Derived from average yields on basis of assumed 4 percent, 20-year bond; Wednesday closing prices. ¹ Source: Dow Jones and Co., Inc., New York, NY. Effective June 30, 1978, the Dow Jones averages of 20 income reilroad bonds were discontinued. With the dropping of the rail everages, which had been part of the Dow-Jones 40-bond average, the 40-bond average became a 20-bond average consisting of 10 utility bonds and 10 inclustrial bonds. ² Effective July 1978, the index includes 400 inclustrial stocks (formerly 425), 20 transportation (formerly 15 rail), 40 public utility (formerly 60), and 40 inclustrial stocks proviously covered. ² Source: Nestonal Association of Securities Dealers, Washington, DC, Fact Book, annual. OTC =over-the-counter. ² Source: Nestonal Association of Securities Dealers, Washington, DC, Fact Book, annual. OTC =over-the-counter. ° Source: Nestonal Association of Securities on stocks listed on the New York Stock Exchange. ¹ Represents return on the market value of all common equity securities for which daily pricing is available. For 1970–1979, annual average of and of month figures; thereafter, annual average of daily figures. Source: Wilshire Associates, Santa Monica, CA, releases. ° Represents Dec. 31, 1970.

Source: Except as noted, Board of Governors of the Federal Reserve System, Federal Reserve Bulletin, monthly.

#### No. 808. Volume of Trading on New York Stock Exchange: 1970 to 1986

[Round lot: A unit of trading or a multiple thereof. On the NYSE the unit of trading is generally 100 shares in stocks. For some inactive stocks, the unit of trading is 10 shares. Odd lot: An amount of stock less than the established 100-share unit or 10-share unit or 10-share unit or trading.

ITEM	Unit	1970	1975	1978	1979	1980	1961	1982	1983	1984	1985	1986
Shares traded	Million	3,124	4,839	7,371	8,336	11,562	12,049	16,669	21,846	23,309	27,774	36,009
Round lots	Million	2,937	4,693	7,205	8,156	11,352	11,854	16,458	21,590	23,071	27,511	35,680
Average daily shares	Million	11.6	18.6	28.6	32.2	44.9	46.9	65.1	85.3	91.2	109.2	141.0
High day	Million	21.3	35.2	66.4	81.6	84.3	92.9	149.4	129.4	236.6	181.0	244.3
Low day	Million	6.7	8.7	7.6	18.3	16.1	23.9	36.8	53.0	46.4	62.1	48.9
At 100-900 shares	Percent	(NA)	42.1	30.2	27.5	24.7	21.1	16.2	14.6	11.3	10,6	10.8
At 1,000-4,900 shares	Percent	(NA)	31.4	33.9	33.7	32.2	31.0	28.5	26.7	25.1	24.1	25.7
At 5,000-9,900 shares	Percent	(NA)	8.7	10.9	11,4	11.4	12.1	12.8	12.7	13.8	13.8	13.9
At 10,000 shares over 2	Percent	(AA)	17.9	25.0	27.4	31.7	35.8	42.5	46.0	49.8	51.5	49.6
Odd lots	Million	186	146	166	180	209	196	211	256	238	263	329
Value of shares traded	Bil. dol	102.5	131.7	205.6	244.5	382.4	396.1	495.1	775.3	773.4	980.8	1,386.0
Round lots	Bil. dol	95.3	126.7	199.9	238.2	374.9	389.2	488.4	765.3	764.7	970.5	1,374.3
Odd lots	Bil. dol	7.2	5.0	5.7	6.3	7.5	6.9	6.7	10.1	8.7	10.3	14.5
Bond volume <sup>3</sup>	MII. dol	4,495	5,178 20.5	4,554	4,088	5,190 20.5	5,733 22.7	7,155	7,572 29.9	6,982 27.6	9,046	10,464
		1000	1	11.00	-		1		-			1

NA Not available. <sup>1</sup> Share volume of reported trades by size (percent of total) on New York Stock Exchange. <sup>2</sup> Includes bunched orders at the opening and re-opening of trading. <sup>2</sup> Per value.

Source: New York Stock Exchange, Inc., New York, NY, Fact Book, annual.

### No. 808. SECURITIES LISTED ON N.Y. STOCK EXCHANGE: 1970 TO 1986

[As of December 31, except cash dividends are for calendar year]

ПЕМ	Unit	1970	1975	1978	1975	1905	1991	1983	1983	1984	1905	1985
Bonds: Number of issuers Number of issues Face value Merket value Average price	Bil. dol Bil. dol	843 1,729 135 113 83.60	1,066 2,632 334 315 91.89	1,045 2,895 509 465 91.37	1,043 2,939 526 460 87,36	1,045 3,057 602 508 84.41	1,049 3,110 681 574 84.24	1,031 3,233 793 766 96.67	1,034 3,600 965 896 93.04	1,024 3,751 1,084 1,022 94.29	1,010 3,856 1,327 1,339 100.90	951 3,611 1,380 1,458 105.66
Stocks: Number of companies	Bill. dol	1,351 1,840 16.1 636 39.61	1,557 2,111 22.5 685 30.48	1,581 2,194 27.6 823 29.84	1,565 2,192 30.0 961 31.99	1,570 2,228 33.7 1,243 36.87	1,565 2,220 38.3 1,144 29.87	1,526 2,225 39.5 1,305 33.03	1,550 2,307 45.1 1,584 35.11	1,543 2,319 49.1 1,586 32.31	1,541 2,298 52.4 1,950 37.20	1,575 2,257 59.6 2,199 36.89
Cash dividends on common stock	Bil. dol	19.8	26.9	41.2	48.9	53.1	60.8	62.2	67.1	66.2	74.2	76.2

Source: New York Stock Exchange, Inc., New York, NY, Fact Book, annual.

#### No. 810. NASDAQ—Securities Listed and Volume of Trading: 1975 to 1986

ITEM	Unit	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
Companies listed	Number Number Million Million Bil. dol	2,579	2,582 2,762 11.0	2,670	3,050 6,692	3,687 7,823	3,664 8,432	4,467	4,097 4,723 15,159 59.9 153.5	4,136 4,784 20,699 82.1 233.5	5,189

Source: National Association of Securities Dealers, Washington, DC, Fact Book, annual.

NO. 811. STOCK OWNERSHIP—CHARACTERISTICS OF SHAREOWNERS: 1970 TO 1985

[In thousands. Represents all publicly owned issues of common and preferred stocks including stock mutual funds. Based on national probability samples; see source for detailed explanation]

CHARACTERISTIC	1970	1975	1980	1983	1985	CHARACTERISTIC	1970	1975	1980	1983	1985
Total 1	30,850	25,270	30,200	42,360	47,040	Education: High school: <sup>3</sup>				1-1	
MaleFemale	15,689 15,161	12,698 12,508		20,864 21,496	23,699 23,341	3 years or less 4 years	3,566 8,697	1,621 6,580	1,746 5,737	2,356 8,788	2,513 7,869
Age: Under 21 years 21-34 years	4,500	1,818 2,838	2,308 6,407	2,749 10,552	2,260 11,093	1-3 years 4 years or more Minors <sup>3</sup>	5,867 9,999 2,221	5,301 9,886 1,818	9,353 10,613 2,308	13,529 14,375 2,749	13,937 19,854 2,260
35-44 years 45-54 years 55-64 years 65 years and over	7,556 6,084	3,976 5,675 5,099 5,800	5,925 5,456 5,144 4,589	8,346 6,586 6,850 7,277	10,982 7,899 8,217 6,589	Income: 4 Under \$10,000 \$10,000-\$14,999 \$15,000-\$24,999 \$25,000-\$49,999 \$50,000 and over	8,168 8,346 7,670	3,416 4,552 8,778 (5,426 1,216	1,742 3,180 6,930 11,623 3,982	1,460 2,596 8,579 17,168 7,918	2,151 1,193 7,116 21,366 11,321

Includes small number of shareowners not distributed by breakdown. 2 Persons 21 years old and over, whose stockholdings are registered in accordance with the Gifts to Minors Statutes. 4 Adult shareowners only.

Source: New York Stock Exchange, Inc., New York, NY, Shareownership, periodic.

No. 812. COMMODITY FUTURES TRADING ON U.S. EXCHANGES—VOLUME OF TRADING: 1970 TO 1986
[In thousands. 1970 for year ending June 30; thereafter, for years ending Sept. 30]

COMMODITY	1970	1980	1961	1982	1983	1984	1985	1905
Number of contracts traded	12,398	82,691	101,124	107,644	136,077	148,822	152,500	183,000
Grain		18,287	19,808	14,885	17,794	15,889	10,726	10,315
Oliseeds/products	3,677	15,692	20,315	15,763	19,823	23,489	14,883	13,799
Livestock/products	3,432	11,808	9,804	10,968	11,063	8.429	7,926	8,571
Other agriculturals	2,017	7,787	4,576	4,885	6,324	5,958	5,141	6,700
Energy products	-	1.087	3,261	2,301	3,204	4,946	7.025	11.531
Metals	1.110	14.099	17,870	19.307	26,316	22,447	18,383	16,234
Financial instruments	-	10.213	20.091	31,251	40,155	51,003	72.127	96,887
Currencies	-	3,719	5,398	8,284	11,398	16,661	16,377	19,081

<sup>-</sup> Represents zero.

Source: U.S. Commodity Futures Trading Commission, Annual Report.

<sup>&</sup>lt;sup>3</sup> Shareowners

NO. 813. MUTUAL FUNDS—NET ASSETS, SALES, AND REDEMPTIONS: 1970 TO 1986
[In billions of dollars, except number of funds. See also Historical Statistics, Colonial Times to 1970, series X 536-539]

TYPE OF FUND	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Number of funds	361	426	477	505	524	564	669	857	1,026	1,352	1,531	1,843
Assets	47.6	45.8	48.5	55.8	94.5	134.7	241.4	296.6	292.9	370.7	495.5	716.3
Money market funds		3.6	3.5	10.9	45.2	74.4	181.9	206.6	162.5	209.7	207.5	228.3
Equity funds		37.5	34.1	32.7	35.9	44.4	41.2	53.6	77.0	78.1	109.6	152.5
Income and bond funds	2.5	4.7	8.4	9.3	10.1	11.1	11.0	15.8	22.0	38.3	102.7	196.0
Municipal bond funds Limited maturity municipal	(x)	(x)	2.3	2.6	3.0	2.9	3.1	7.4	14.6	20.8	39.4	75.7
bonds 1	(x)	(x)	(x)	(x)	(x)	1.9	4.2	13.2	16.8	23.8	36.3	63.8
Sales	4.6	10.1	17.1		119.3	247.5	472.2	627.0	547.8	680.1	953.8	1,205.7
Money market funds	(x)	6.8	10.7	30.5	111.9	232.2	451.9	581.8	463.0	572.0	730.1	792.3
Equity funds	4.2	2.6	2.4	2.8	3.1	5.6	6.0	8.3	22.4	18.2	26.8	54.3
Income and bond funds		.7	1.6	2.0	2.0	2.6	2.3	4.0	8.8	17.8	68.1	121.7
Municipal bond funds Limited maturity municipal	06.31	(x)	2.1	1.8	1.7	1.8	1.5	3.5	9.1	9.8	19.4	39.9
bonds I		(x)	(x)	(x)	(x)	5.3	10.5	29.4	44.5	62.3	109.4	197.5
Redemptions	3.0	9.6	16.7	31.5	86.8	216.5	362.6	588.4	565.8	607.0		1,015.6
Money market funds	(x)	5.9	10.7	24.3	78.4	204.5	346.7	559.6	508.7	531.0	732.3	776.3
Equity funds	2.8	3.3	4.7	5.1	5.7	5.7	5.1	5.2	9.3	10.4	17.3	25.6
income and bond funds	.2	A	.8	1.0	1.4	1.5	1.6	1.7	3.1	5.6	12.2	32.3
Municipal bond funds Limited maturity municipal	(x)	(x)	.5	1.1	.9	1.0	.8	.7	2.3	4.1	4.3	9.1
bonds 1	(x)	(x)	(x)	(x)	(x)	3.8	8.3	21.2	42.4	55.9	96.8	172.3

X Not applicable. <sup>1</sup> The average maturity of the portfolio is generally less than two years. Source: Investment Company Institute, Washington, DC, *Mutual Fund Fact Book*, annual.

### No. 814. U.S. LIFE INSURANCE COMPANIES—SUMMARY: 1970 TO 1986

[As of December 31 or celender year, as applicable. Covers domestic and foreign business of U.S. companies. See also Historical Statistics, Colonial Times to 1970, series X 879 and X 890-917]

ITEM	Unit	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
U.S. companies	Number	1 780	1,746	1,895	1,958	1,991	2.060	2,117	2,193	2,261	2.321
Sales 1	Bil. dol		317	527	655	1,139	920	1,279	1,390	1,530	1,578
Ordinary	Bil. dol		207	359	462	700	661	972	1.074	1,187	1,178
	Bil. GOI	135									
Group 1	Bil. dol	65	103	162	190	436	257	306	315	342	400
Industrial	Bil. dol	7	7	5	1 4	3	2	2	1	1	(2)
Income	Bil. dol	49.1	78.0	119.1	130.9	151.9	170.0	176.0	206.1	234.0	282.3
Life insurance premiums	Bil. dol	21.7	29.3	39.1	40.8	46.3	50.8	50.3	51.3	60.1	66.2
Percent of total	Percent	44.2	37.6	32.8	31.2	30.5	29.9	28.6	24.9	25.7	23.5
Annuity considerations	Bil. dol	3.7	10.2	17.9	22.4	27.6	34.6	30.5	42.8	53.9	83.7
Health insurance premiums	Bil. dol	11.4	19.1	27.9	29.4	31.8	35.0	38.2	40.7	41.8	44.2
Investment and other	Bil. dol	12.3	19.4	34.2	38.3	46.2	49.6	57.0	71.3	78.2	88.2
Disbursements	Bil. dol	39.0	58.2	81.1	88.2	101.8	113.3	123.5	138.5	151.8	186.5
Payments to policyhold-		55.5	-		-	101.0		,	100.0	10110	
ers 2	Bil. dol	25.6	38.1	53.7	59.0	65.1	71.2	80.9	89.8	95.7	9 131.4
Percent of total	Percent		65.5	66.2	66.9	63.9	62.8	65.5	64.8	63.0	70.5
Death payments	Bil. dol		9.3	11.8	12.9	13.6	14.5	16.8	17.6	18.5	19.6
Matured endowments	Bil. dol		1.0	9			.6	.6	7	10.5	10.0
Annuity payments	Bil. doi	1.0			.8	.7		12.7	18.0	19.7	17.8
Annuity payments	Dil. GOL.	1.7	3.2	6.6	7.4	9.6	10.3				
Policy dividends			5.1	7.6	8.1	9.3	9.6	10.8	11.4	12.4	12.4
Surrender values	Bil. dol		3.8	5.5	6.4	7.1	9.8	12.5	14.5	15.9	1 49.6
Disability benefits	Bil. dol	.2	A	.6	.5	.6	.5	.5	.4	.5	.5
Commissions, expenses,	AC			10.0			0.31	1000	1000	1000	
etc	Bil. dol		19.4	25.9	27.8	35.1	40.3	40.7	46.0	53.1	2 51.4
Dividends to stockholders	Bit. dol	.5	.7	1.5	1.4	1.6	1.8	1.9	2.7	3.0	3.7
Taxes, licenses and lees	Bit. dol	2.2	3.5	5.5	4.8	4.2	4.4	4.3	6.1	7.8	8.7
Federal income taxes	Bit. dol	1.2	1.9	3.3	2.6	1.8	1.6	1.2	2.8	4.1	4.7
BALANCE SHEET			1		100		7.61	17.6			100
Assets	Bil. dol	207.3	289.3	432.2	479.2	525.8	588.2	654.9	723.0	825.9	937.6
Government securities	Bil. dol	11.1	15.2	29.7	33.0	39.5	55.5	76.6	99.8	124.6	144.6
Corporate securities	Bil. dol	88.5	133.9	208.8	227.0	241.5	268.5	297.0	322.5	374.3	432.9
Percent of total assets	Percent		46.3	48.3	47.4	45.9	45.7	45.3	44.6	45.3	46.2
Bonds	Bil. dol	73.1	105.B	169.0	179.6	193.8	212.8	232.1	259.1	296.8	342.0
Stocks	-	15.4	28.1	39.8	47.4	47.7	55.7	64.9	63.4	77.5	90.9
Mortgages			89.2	118.4	131.1	137.7	142.0	151.0	156.7	171.8	193.8
Post setate			9.6	13.0	15.0	18.3	20.6	22.2	25.7	28.8	31.6
Real estate	Bil. dol.										54.1
Policy loans	Bil. dol		24.5	34.8	41.4	48.7	53.0	54.1	54.5	54.4	80.6
Other	Bil. dol	10.9	16.9	27.6	31.7	40.1	48.6	54.0	63.8	72.0	
Interest earned on assets 4	Percent	5,30	6.36	7.73	8.02	8.57	8.91	8.96	9.45	9.63	9,35
Liabilities 2 5	Bil. dol	189,9	268,7	402.3	444.8	488.4	546.7	608.5	672.6	769.1	873.4
Policy reserves 2	Bil. dol	167.8	237.1	351.6	390.4	428.0	479.4	532.4	584.2	665.3	761.9
Annuities		48.9	80.8	153.0	181.5	209.1	252.4	296.5	341.7	410.6	488.6
Group	Bil. dol		59.9	116.4	140.4	161.0	191.9	221.7	254.6	303.0	355.8
Individual s	Bil. dol		20,9	36.6	41.0	48.1	60.5	74.8	87.1	107.6	132.8
Life insurance		115.4	150,1	188.2	197.9	207.0	213.8	221.0	225.9	235.9	252,0
Health insurance	Bil. dol	3.5	6.3	10.4	11.0	11.9	13.2	15.0	16.6	18.8	21.3
Capital and surplus I	Bil. dol.	17.3	20.6	30.0	34.4	37.4	41.5	46.4	50.4	56.8	64.1

Z Less than \$500 million. Includes Servicemen's Group Life Insurance: \$16.8 billion in 1970, \$1.7 billion in 1975, \$44.5 billion in 1991, and \$50.8 billion in 1990; as well as Federal Employees' Group Life Insurance: \$81.5 billion in 1991 and \$18.8 billion in 1992, as well as Federal Employees' Group Life Insurance: \$81.5 billion in 1991 and \$18.8 billion in 1992, as well as Federal Employees' Group Life Insurance: compariso. \*Data sat billion pror years due to change in accounting method. \*Not rate. \*Includes other obligations not shown experately. \*Includes reserves for supplementary contracts with and without life contingencies.

Source: American Council of Life Insurance, Washington, DC, Life Insurance Fact Book, and unpublished data.

No. 815. U.S. LIFE INSURANCE COMPANIES—NEW LONG-TERM INVESTMENTS: 1970 TO 1986 [In billions of dollars, except percent. Long-term investments are investments of over 1 year in length. Minus sign (-) indicates decrease]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Annual percent change '	23.9 3	<b>42.5</b> 19.7	55.4 30.2	<b>66.6</b> 20.3	68.8	72.6 5.6	77.9 7.3	83.7 7.4	110.5	169.9 53.7	202.5 19.2	<b>295.3</b> 45.8	421.9
Government securities	.8 10.9 6.8 4.1 7.2 .9 4.1	3.7 22.5 16.6 5.9 9.6 2.1 4.6	7.3 31.7 24.0 7.7 9.8 1.8 4.8	7.5 37.8 30.2 7.6 14.2 2.0 5.1	6.5 36.0 28.0 8.0 17.8 2.2 6.3	6.9 33.5 23.1 10.4 20.7 2.8 8.7	7.0 36.4 22.3 14.1 19.7 3.3 11.5	10.6 42.5 23.0 19.5 13.5 4.5 12.6	24.3 58.8 33.0 25.8 11.5 4.5 11.4	49.1 86.9 50.8 36.1 20.1 4.3 9.5	62.9 104.0 68.7 35.3 20.1 6.0 9.5	99.9 144.6 98.3 46.3 35.1 6.0 9.7	154.3 205.4 137.5 67.9 45.4 7.1

<sup>&</sup>lt;sup>1</sup> Change from immediate prior year.

#### No. 816. LIFE INSURANCE IN FORCE IN THE U.S.—SUMMARY: 1970 TO 1986

[As of December 31 or celender year, as applicable. Covers life insurance with life insurance companies only. Represents all life insurance in torce on lives of U.S. residents whether issued by U.S. or foreign companies. "Families" includes families, subtamilies, and unrelated individuals; see definitions, text, section 1. See also \*Historical Statistics, Colonial Times to 1970, series X 879-889]

	LIFE INSURANCE IN FORCE						nv.	FORCE				OOO)	Dispos- able
	Num- ber				ol.)								person-
	of poli- cies, total (mil.)	Total Ordinary Group Indus- Credinary	Group	Indus- trial	Cred- it 1	Per tamily	Per in- sured family	income per family (\$1,000)					
1970 1972 1973 1974 1974 1975 1976 1977 1978 1979 1980 1981 1982 1982	355 369 380 380 382 390 401 407 402 400 390 387 385 386	1,402 1,628 1,778 1,985 2,140 2,343 2,583 2,870 3,222 3,541 4,064 4,477 4,966 5,500 6,053	731 849 928 1,009 1,063 1,178 1,289 1,425 1,586 1,761 1,978 2,217 2,544 2,888 3,247	545 631 708 827 1,003 1,115 1,244 1,419 1,579 1,889 2,066 2,220 2,392 2,562	38.6 40.0 40.6 39.4 39.2 39.0 38.1 37.8 36.0 34.5 32.8 31.4 30.1 28.2	179.3 165.2 162.4 161.1 170.7	6,110 6,790 7,230 7,690 8,610 9,240 10,010 10,890 11,920 13,310 15,140 17,380 19,970 22,780	6,910 7,730 8,010 8,840 9,360 10,010 10,550 11,260 12,350 13,410 15,400 16,630 17,530 18,780 19,720	500 530 540 550 570 580 690 610 620 630 630 630 630 630	1,000 1,190 1,300 1,310 1,410 1,580 1,760 2,120 2,110 2,220 2,410 2,650 2,880 3,100	20.7 22.9 24.4 26.5 28.1 30.1 32.4 35.1 38.5 41.5 49.3 54.2 58.7	24.4 26.9 28.8 31.2 33.0 35.0 37.7 40.8 44.8 48.3 53.2 57.3 63.0 68.3 74.6	10.3 11.4 12.6 13.3 14.4 15.3 16.5 17.9 19.6 21.4 22.7 23.9 25.5 27.5 29.8

<sup>1</sup> Insures borrower to cover consumer loan in case of death.

Source of tables 815 and 816: American Council of Life Insurance, Washington, DC, Life Insurance Fact Book, annual.

#### No. 817. LIFE INSURANCE OWNERSHIP BY HOUSEHOLDS AND ADULTS: 1984

["All types" includes coverage with legal reserve life insurance companies, veterans life insurance, and life insurance issued by savings banks, fraternal organizations, mutual aid and burial societies, and similar types of coverage. "Individual life" comprises ordinary and/or industrial life insurance. Based on a survey conducted for the source and the Life insurance Marketing and Research Association]

TYPE OF HOUSEHOLD AND	IN WH	IT OF HOU! ICH AT LEA IBER OWN! INSURANC!	ST ONE	MED	(\$1,000)	AGE <sup>1</sup>		OWN	ENT OF HULTS ING LIFE IRANCE
HOUSEHOLD INCOME	All types			AGE	Male	Female			
Family households 3	88 74	63 66 47	56 60 49	<b>35.0</b> 40.0 45.0 20.0	20.0 23.0 11.0	20.0 20.0 21.5 20.0	Total, 18 yrs. and over	61 63 79	65 50 64 70
Nonfamily households Male householder Female householder Under \$10,000 \$10,000-\$17,499 \$17,500-\$24,999 \$25,000-\$34,999 \$35,000 and over	70 70 63 78	42 41 43 46 49 64 66 68	41 46 37 27 48 80 70	11.5 40.0 6.0 10.0 16.5 30.0 56.5 87.0	5.0 11.4 2.0 5.1 8.5 16.4 25.0	16.5 30.0 10.0 10.0 12.0 15.0 28.0 45.0	35-44 yrs. old	88	70 72 71 57

<sup>&</sup>lt;sup>1</sup> Purchased from an agent, company, or fraternal society. <sup>3</sup> Among those households with this type of coverage, includes coverage of dependents. <sup>3</sup> Includes male householder with no apouse present. <sup>4</sup> With no apouse present.

Source: American Council of Life Insurance, Washington, DC, Life Insurance Fact Book Update, 1985.

NO. 818. LIFE INSURANCE—INSURANCE IN FORCE AND BENEFIT PAYMENTS BY STATE: 1986
[Applies to policyholders and payments in the U.S. For composition of regions, see fig. I, inside front cover]

the same of the same of	INSU	RANCE IN F	ORCE	Benefit		INSU	RANCE IN FO	DRCE	Benefit
REGION, DIVISION, AND STATE	Policies (1,000)	Value (bil. dol.)	Avg. per family (dol.)	pay- ments (mil. dol.)	REGION, DIVISION, AND STATE	Policies (1,000)	Value (bil. dol.)	Avg. per family (dol.)	pay- ments ' (mil. dol.
U.S	390,719	6,720	69,100	68,305	Maryland District of	8,055	138	78,700	1,43
Region:	1.599 11		1000	1000	Columbia	2,179	44	138.000	42
Northeast	82,159	1,508	75,000	17,494	Virginia	12.853	179	79,900	1.533
Midwest	97,011	1,685	71,300	18,617	West Virginia	3.022	38	51,200	47
South	151,915	2,237	68,100	20,412	North Carolina		167	66,100	1.54
West		1,290	62,400	11,782	South Carolina	8,107	89	68,800	65
***************************************	20,004	1,200	02,400	11,702	Georgia	12,434	182	77,500	1.30
New England	20,844	398	76,000	4.230	Florida	16,994	279	54,700	3,11
		27	56,400	284	Florida	10,994	2/9	54,700	3,110
Maine	1,893								
New Hampshire	1,677	29	68,700	282	East South				
Vermont	856	14	58,500	147	Central	32,025	371	64,100	3,24
Massachusetts	8,744	179	73,600	1,895	Kentucky	6,145	79	55,300	79
Rhode Island	1,901	29	72,800	343	Tennessee	9,830	131	70,300	1,23
Connecticut	5,773	120	94,800	1,279	Alabama	11,877	107	69,500	84
		1000		1	Mississippi	4,173	54	56,300	36
Middle Atlantic	61,315	1,110	74,600	13,264		100	100	100	
New York	27,592	534	74,200	6,155	West South	1000		1,000	100
New Jersey	11,516	250	84,600	3,171	Central	42,018	724	68,700	6,40
Pennsylvania	22,207	326	69,000	3,938	Arkansas	2.804	44	47,300	39
			20,000		Louisiana	9,219	119	69,900	1.01
East North	10.70	100	1000		Oklahoma		81	59,900	96
Central	69,110	1,177	71,500	13,496	Texas		480	73,200	4.03
Ohio		299	71,100	3,450	10,000	20,040	400	,0,200	4,00
Indiana	9,286	146	66,200	1,591	Mountain	18,890	343	64,900	3,17
Illinois	19,620	347	75,500	4,001	Montana		19	54,700	20
Miniois	19,020	262	73,300	2,934		1,304	22	56,900	23
Michigan	14,069				Idaho		13	63,200	
Wisconsin	7,655	123	65,200	1,520	Wyoming			63,200	12
	1		100		Colorado		104	73,600	90
West North			1 22 27 2	2323	New Mexico	1,831	34	59,700	30
Central	27,901	508	70,700	5,121	Arizona	4,940	86	64,000	85
Minnesota	6,318	127	74,900	1,170	Utah	2,409	42	71,000	34
lowa	4,595	80	68,800	951	Nevada	1,452	23	54,000	20
Missouri	8,447	141	67,800	1,414		77.55	1	100	
North Dakota		19	67,400	158	Pacific	40,744	947	61,500	8,61
South Dakota	952	19	65,000	173	Washington	5,239	113	58,600	1,08
Nebraska	2.564	49	75,000	532	Oregon	3.094	62	51,800	70
Kansas		73	71,400	723	California	29,740	723	62,100	6,40
	3,100			1.00	Alaska		15	66,200	11
South Atlantic	77.872	1,142	69,000	10,757	Hawai	1.805	34	83,500	30
Delaware	1,415	26	103,300	281	1,100,110,11111111111111111111111111111	1,000	94	55,500	

<sup>&</sup>lt;sup>1</sup> Comprises death payments, metured endowments, disability and annuity payments, surrender values, and policy dividends. Source: American Council of Life Insurance, Washington, DC, Life Insurance Fact Book, annual.

#### No. 819. Property and Liability Insurance: 1970 to 1986

[In millions of dollars. Premiums written represent total premiums on all insurance policies written by companies, with inception dates in years shown. Minus sign (—) indicates loss. See also Historical Statistics, Colonial Times to 1970, series X 918, 923, 928, 933, and 940)

ITEM	1970	1975	1960	1981	1962	1983	1984	1985	1986
Premiums written !	32,867	49,967	95,569	99,276	103,968	108,983	118,166	144,186	176,552
Auto liability		13,315	23,319	24,395	26,226	28,080	30,217	36,087	44,081
Physical damage, auto	4,824	7,623	15,833	16,748	18,005	19,748	21,766	25,247	29,306
Liability, other than auto	2,140	3,981	7,692	7,385	7,159	7,247	8.254	14,313	22,857
Medical malpractice		895	1,276	1,338	1,490	1,568	1,775	2,769	3,492
Fire *	3,147	3,691	4,784	4.817	4.836	4,608	4,853	6,173	6,933
Homeowners multiple peril	2,565	4,729	9,821	10,780	11,747	12,512	13,213	14,066	15,222
Commercial multiple peril		3,176	6,886	6,870	7,009	7,293	8,287	12,097	16,190
Workers' compensation	3,492	6,186	14,239	14,616	13,945	14,005	15,108	17,048	20,431
Inland marine	812	1,266	2.291	2,428	2,510	2,649	3,017	3,672	3,899
Ocean marine	465	861	1,065	1,127	1,101	1,096	1,155	1,177	1,225
Surety and fidelity 3		789	1,248	1,351	1,454	1,649	1,997	2,853	2,116
Financial guaranty 3	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	575
Burglary and theft	135	120	136	128	115	106	109	122	121
Crop-hail		312	417	504	532	444	509	447	379
Boiler and machinery		173	293	298	293	356	439	618	531
Glass		32	32	31	29	27	28	25	27
Statutory underwriting gain/loss	77	-3,594	-1,712	-4,464	-8,303	-11,088	-19,379	-22,597	-13,748
Policyholders' dividends	504	633	1,622	1.824	1,987	2,234	2.098	2,196	2,165
Net underwriting gain/loss	-426	-4,227	-3,334	-6,288	-10,290	-13,322	-21,477	-24,794	-15,913
Net investment income	2,005	4,150	11,063	13,248	14,907	15,973	17,660	19,508	21,924
Net income/loss before taxes	1,579	-77	7,730	6,961	4,617	2,651	-3,817	-5,286	6,012
Assets	58,594	94,118	197,661	212,302	231,693	249,121	264,734	311,365	374,088
Policyholders' surplus	18,520	25,303	52,196	53,804	60,395	65,606	63,809	75,511	94,288

NA Not available. <sup>1</sup> Total includes all property, liability, and affed lines; other data are for principal lines only. <sup>9</sup> Includes extended coverage and affed lines. <sup>9</sup> Prior to 1986, financial guaranty was included in surely.

Source: Insurance Information Institute, New York, NY, Insurance Facts, annual. Data from A. M. Best Company, Oldestok, NJ.

#### No. 820. AUTOMOBILE INSURANCE: 1970 TO 1986

(in billions of dollars, except as indicated. Premiums earned basis. See also Historical Statistics, Colonial Times to 1970, series Q 163-174)

						100				1986	
ПЕМ	1970	1975	1980	1981	1982	1983	1984	1985	Total	Pri- vate pas- senger	Com- mercial
Companies reporting	925	1,275	1,470	1,507	1,531	1,571	1,587	1,564		1,558	
Total Insurance: Premiums earned. Losses paid  Percent of premiums Bodily injury liability:   2	14.6	23.9	37.6	39.8	42.6	48.2	50.5	57.1	70.3	58.3	12.0
	11.2	19.7	27.9	30.6	35.1	39.2	42.2	49.2	56.9	47.7	9.2
	76.6	82.4	74.1	77.0	82.4	81.3	83.6	86.1	81.0	81.9	76.7
Premiums earned Losses paid   Percent of premiums  Physical damage: 3	9.6	15.2	22.5	23.6	25.4	28.6	29.5	33.5	42.1	33.9	8.3
	7.5	12.3	17.2	19.2	21.8	24.9	26.5	31.9	37.9	30.8	7.2
	79.0	81.0	76.6	81.1	85.9	87.0	89.9	95.0	90.1	90.9	86.7
Premiums earned	5.1	8.7	15.1	16.1	17.2	19.6	21.0	23.5	28.2	24.4	3.8
	3.7	7.4	10.7	11.5	13.1	14.3	15.7	17.3	19.0	16.9	2.1
	72.3	84.7	70.4	71.0	76.3	72.9	74.7	73.5	67.5	69.4	55.2

<sup>&</sup>lt;sup>1</sup> Includes adjusting expenses. <sup>2</sup> Includes property demage. <sup>2</sup> Covers auto fire, theft, colleion, and comprehensive. Source: The National Underwriter Co., Cincinnett, OH, Argue F. C. & S. Chart, annual (copyright).

# No. 821. PRIVATE HEALTH INSURANCE ORGANIZATIONS—INCOME AND EXPENSES: 1970 TO 1985 [In millions of dollars, except percent. Minus sign (-) indicates loss. Expenses are on incurred basis. See also Historical Statistics, Colonial Times to 1970, series X 957-962]

ITEM	1970	1975	1977	1970	1970	1983	1981	1982	1983	1984	1206
All organizations: Total premium income	16,871	33,178	48,016	53,577	82,011	72.595	84,419	00 670	100 884	121,494	120 120
Claims expense	15,320	31,223	42,959 69.5	49,078 91.6	58,905	67,504 93.0		69,929		104,863	
Operating expense	2.269	3,999 - 2,014	5,227 - 1 <b>69</b>	5,874 - 1,375	6,740 - 1, <b>63</b> 4	7,938 -2,848		11,242		14,271	18,252 886
Blue Crose-Blue Shield: Premium income	7,371	14,446	19.553	21,547	23,471	26.334	30.447	34.338	37,611	39,954	41,508
Claims expense	7,080	14,192	17,826 1,330	19,465	21,724	25,467 1,951	29,209 2,250	32,144 2,478	34,398 2,710	35,522	37,540 3,728
Net underwriting gain		-809	397	580	31	-1,063	1,012	- 282	503	1,273	240
Insurance companies: 1 Premium income	8,304	14,075	19.060	21,059	24,386	28,913	33,966	41,434	46,872	50,678	53,069
Claims expense Net underwriting gain	7,104	12,826	16,435 - 756	19,058	21,830		30,271	36,424		41,298 445	43,112 -128
Other plane:		.,		1,1.44	1,000	",• "•		-,	,,		
Premium income	1,198	4,657	9,403	10,971	14,154	17,347	20,006	22,907	25,201	30,632	35,542

<sup>&</sup>lt;sup>1</sup> Excludes administrative service agreements and hospital indemnity. Hospital indemnity is a form of health insurance which provides a stipulated daily, weekly, or monthly indemnity during hospital confinement. Indemnity is payable on an unallocated basis without regard to actual expense of hospital confinement.

Source: U.S. Health Care Financing Administration, *Health Care Financing Notes*, Sept. 1987, and unpublished data.

### No. 622. HEALTH INSURANCE—PREMIUM INCOME AND BENEFIT PAYMENTS OF INSURANCE COMPANIES: 1970 TO 1985

[In billions of dollars. Beginning 1975, includes Puerlo Rico and other U.S. outlying areas. Represents premium income of and benefits paid by insurance companies only. Excludes Blue Crose-Blue Shield plans, medical-society sponeored plans, and all other Independent plans]

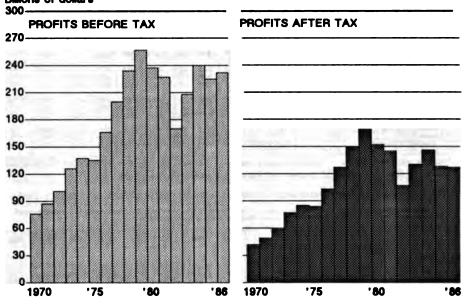
ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Premiums <sup>1</sup>	11.5	20.8	24.5	28.7	32.7	37.9	43.7	49.0	58.3	63.2	70.4	75.2
	8.1	15.9	19.4	23.2	26.9	31.7	36.8	42.5	50.0	54.9	60.8	64.4
	3.4	4.9	5.1	5.4	5.8	6.2	6.9	6.5	8.3	8.3	9.6	10.8
Benefit payments *	9.1	16.5	20.2	22.1	26.4	31.7	37.0	41.6	49.2	51.7	56.0	60.0
	7.5	14.2	17.8	19.5	22.9	27.9	33.0	37.7	44.2	46.9	50.3	53.7
	1.6	2.3	2.4	2.6	3.5	3.8	4.0	3.9	4.9	4.8	5.7	6.3
Type of coverage; Loss of income	1.8 7.1 .1	2.7 13.2 .6	2.9 16.1 1.2	3.1 17.6 1.5	3.4 21.2 1.8	4.7 24.8 2.2	5.3 28.9 2.8	5.2 33.0 3.5	5.5 39.6 4.0	4.9 42.4 4.4	5.2 45.9 4.9	5.6 49.0 5.3

<sup>1 1970</sup> refers to written premiums; thereafter, refers to earned premiums. 
<sup>2</sup> Beginning 1975, insurance company group premiums and benefit payments include administrative service agreements and minimum premium plans. Amounts for 1970 contain only a portion of those data.

<sup>3</sup> Beginning 1975, excludes accidental death and dismemberment benefits and accident medical relimbursement benefits.

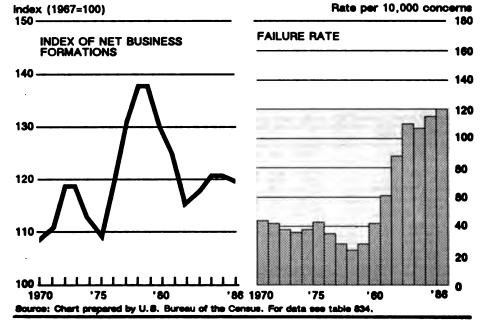
Source: Health insurance Association of America, Washington, DC, Source Book of Health Insurance Data, annual.





Source: Chart prepared by U.S. Bureau of the Census. For data see table 862.

Figure 17.2 index of Net Business Formations and Business Failure Rates: 1970 to 1986





### Section 17

### **Business Enterprise**

This section relates to the place and behavior of the business firm, and to business initiative in the American economy. It includes data on the number, type, and size of businesses; financial data of domestic and multinational U.S. corporations and their foreign affiliates; business investment, expenditures, and profits; business sales and inventories; consumer cooperatives; and business fall-ures. Additional business data may be found in other sections, particularly 27 and 28.

The principal sources of these data are the Survey of Current Business, published by the Bureau of Economic Analysis (BEA); the Federal Reserve Bulletin, issued by the Board of Governors of the Federal Reserve System; the annual Statistics of Income reports of the Internal Revenue Service (IRS); The Failure Record Through 1986, issued by the Dun & Bradstreet Corporation, New York; and The Fortune Directory, issued by Time, Inc., New York. Other sources are publications of the Securities and Exchange Commission (SEC), the Bureau of the Census, and the Administrative Office of the United States Courts.

Business firms.—A firm is generally defined as a business organization under a single management and may include one or more establishments (i.e., a single physical location at which business is conducted). The terms firm, business, company, and enterprise are used interchangeably throughout this section. A firm doing business in more than one industry is classified by industry according to the major activity of the firm as a whole. The industrial classification is based on the Standard Industrial Classification (SIC) Manual (see text, section 13).

The IRS concept of a business firm relates primarily to the legal entity used for tax reporting purposes. The IRS Statistics of Income reports present data, based on a sample of tax returns before audit, separately for sole proprietorships, partnerships, and active corporations. A sole proprietorship is an unincorporated business owned by one person including large enterprises with many employees and hired managers to the part-time operations in which the owner is the only person involved. A partnership is an unincorporated business owned by two or more persons, each of whom has a financial interest in the business. The "persons" could be individuals, estates, trusts, other partnerships or corporations. A corporation is a business that is legally incorporated under State laws. The IRS recognizes many types of businesses as corporations, including joint-stock companies; mutual and other insurance companies; and unincorporated associations such as business trusts, etc. While many corporations file consolidated tax returns, most corporate tax returns represent individual corporations, some of which are affiliated through common ownership or control with other corporations filing separate returns.

Assets and Ilabilities.—In its annual report, Statistics of Income, Corporation Income Tax Returns, the IRS presents balance sheet and income estimates for all active U.S. corporations. The Bureau of the Census issues the Quarterly Financial Report for Manufacturing, Mining and Trade Corporations (QFR), which presents quarterly income account and balance sheet data for manufacturing, mining, and trade industries. The Federal Reserve Board issues Working Capital of U.S. Nonfinancial Corporations, which presents data on components of current assets and liabilities of all nonfinancial U.S. corporations. Both of these reports were prepared by the Federal Trade Commission until responsibilities for QFR were transferred to Census beginning with the 4th quarter 1982 report.

One of the most comprehensive measures of the investment position of the business sector (and the only measure adjusted to current replacement cost) is the BEA capital stock series. See *Survey of Current Business*, August 1987.

Income, profits, dividends, and taxes.—Several agencies, among them IRS and BEA, compile corporate income account data. These data, however, are not comparable because of differing methods of compilation. A reconciliation of the two can be found in table 8.13 of National Income and Product Accounts of the United States, 1929-82, and Survey of Current Business (normally the July issue), published by BEA. The IRS publishes financial data for all business enterprises. These data appear in Statistics of Income—Corporation Income Tax Returns and the Statistics of Income

Bulletin Partnership and Sole Proprietorships Returns. Supplemental reports published periodically present data on international income and taxes reported by U.S. corporations.

Corporate data issued by BEA are a part of its national income and product accounts (see text, section 14). The primary sources for BEA estimates of profits, taxes, dividends, and undistributed profits are the original corporate tax returns submitted to IRS. Various adjustments of IRS data are required by the national income treatment—particularly with respect to profits which would be disclosed if all tax returns were audited; depletion; capital gain or loss; treatment of bad debts; measurement of income received from abroad; and intercorporate dividends—to make the figures comparable with other entries in the national income accounts. For a discussion of two types of adjustments (inventory valuation and capital consumption), see text, section 14. The BEA's corporate profits data also include net earnings of Federal Reserve banks, credit unions, private noninsured pension funds, and several quasi-government credit agencies not included in IRS data.

Sources and uses of corporate funds.—These data (table 861) show capital requirements of corporations and the manner in which they are financed. Sources of funds should be equal to their uses. Certain discrepancies, however, interfere with this equality due to omission of (1) money accruing to corporations from an excess of sales over purchases of used plant and equipment, (2) transactions in securities held as permanent investments except public offerings, and (3) net purchases of land. Also, the balance sheet data upon which many of the financial flow estimates are based are not fully comparable with the tax-return based estimates of internal sources, or the establishment series underlying the figures on inventory change.

Plant and equipment expenditures.—Estimates of actual and planned expenditures for new plant and equipment in the United States by most private nonagricultural business firms are based on quarterly sample surveys conducted by the Bureau of Economic Analysis.

For quarterly data, see current issues of the Survey of Current Business. For a discussion of coverage, concepts, and methodology, see the February 1985 issue of the Survey.

Sales and inventories.—Sales are estimated aggregate values, and inventories are book values at the end of the period. Sales signifies sales or shipments for retail and wholesale trade and billings or shipments for manufacturing. Trade inventories are valued at cost of merchandles on hand, while manufacturers' inventories are valued at approximate current costs or at book values, as reported by the manufacturer. Inventories (see table 857) are based on data from censues (conducted every five years, for years ending in "2" and "7") and annual surveys. Monthly data for manufacturing appear in the Bureau of the Census Current industrial Reports, Manufacturers' Shipments, Inventories, and Orders, series M3-1; for data on retail and wholesale trade, see section 28.

Sales, assets, net income, stockholder's equity, and total returns to investors.—Sales include service and rental revenues but exclude dividends, interest, and other non-operating revenues. All companies on the list must have derived more than 50 percent of their sales from manuacturing and/or mining, Sales of subsidiaries are included when they are consolidated. Assets are these shown at the company's year-end. Net income is shown after taxes and after extraordinary credits or charges when any are shown on the income statement. Stockholder's equity is the sum of capital stock, surplus and retained earnings at the company's year-end. Redeemable preferred stock is excluded when its redemption is either mandatory or outside the control of the company, except in the case of cooperatives. Total returns to investors include both price appreciation and dividend yield. Returns are adjusted for stock splits, stock dividends, recapitalizations, and corporate reorganizations as they occur. For further discussion, see Time, Inc., New York, NY, The Fortune Directory, May and June issues.

Economic censuses.—The economic censuses constitute comprehensive and periodic canvasses of the Nation's industrial and business activities. The first economic census of the United States was conducted as part of the 1810 decennial census, when inquiries on manufacturing were included with the census of population. Minerals data were collected in 1840. The first censuses of construction and business were taken for 1929. An integrated economic census program was begun for 1954. In that year, the censuses covered the retail and wholesale trades, selected service industries, manufactures, and mineral industries. The economic censuses are taken at 5-year intervals covering years ending in "2" and "7".

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to Historical Statistics of the United States, Colonial Times to 1970. See Appendix IV.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1996*. For cross-references, see Appendix V.

NO. 823. NUMBER OF RETURNS, RECEIPTS, AND NET INCOME, BY TYPE OF BUSINESS: 1970 TO 1984

[Figures are estimates based on samples; see Appendix III. See also Historical Statistics, Colonial Times to 1970, series V 1-12.

For further information regarding corporations, see table 848]

ITEM	Unit	1970	1975	1975	1970	1983	1001	1983	1983	1984
Number	BiL dol	2.002	13,970 3,685 196	15,620 5,377 320	16, 187 6,345 361	16,793 7,150 302	18,860 7,725 264	14,546 7,765 198	15,245 7,901 245	16,077 6,752 301
Proprietorships, number <sup>2</sup>	Bil. dol	238	10,882 339 45	12,018 443 59	12,330 486 81	12,702 508 55	9,585 427 53	10,106 434 51	10,704 465 60	11,262 516 71
Partnerships, number	Bil. dol		1,073 147 8	1,234 219 14	1,300 256 15	1,380 292 8	1,461 272 -3	1,514 297 -7	1,542 291 -3	1,844 375 -3
Corporations, number	Bil. dol	1.751	2,024 3,199 143	2,377 4,715 247	2,557 5,599 285	2,711 6,361 239	2,812 7,026 214	2,926 7,024 154	2,999 7,135 168	3,171 7,861 233

<sup>&</sup>lt;sup>1</sup> Net income (less deficit) is defined differently by form of organization, basically as follows: (a) Proprietorships: Total taxable receipts less total deductions, including cost of sales and operations; investment and other income are excluded; (b) Partnerships: Total taxable receipts less total deductions, including cost of sales and operations; investment and other income, except capital gains, are included; (c) Corporations: Total taxable receipts less total deductions, including cost of sales and operations, investment and other income, such as capital gains and income from foreign corporations considered received for tax purposes only, are included; net income is before income tax.
<sup>2</sup> Through 1980, includes and includes only nonfarm businesses.
<sup>3</sup> Through 1980, includes and services less allowences, rebates, and returns; excludes capital gains and losses, and investment income not associated with taxyeyer's businesses.
<sup>4</sup> Gross taxable receipts from sales of noncapital assets.

Source: U.S. Internal Revenue Service, Statistics of Income, and various publications.

NO. 824. NUMBER OF RETURNS AND BUSINESS RECEIPTS, BY SIZE OF RECEIPTS AND TYPE OF BUSINESS: 1970 TO 1984

[See headnote, table 825. See also Historical Statistics, Colonial Times to 1970, series V 1-12. For further information regarding corporations, see table 846]

	197	70	197	76	190	13	190	12	190	13	190	14
SIZE-CLASS OF RECEIPTS	Re- turns (1,000)	Re- ceipts (bil. dol.)	Re- turns (1,000)	Re- celpts (bil. dol.)	Re- turns (1,000)	Re- ceipts (bil. dol.)	Re- turns (1,000)	Re- celpts (bil. dol.)	Re- turns (1,000)	Re- celpts (bil. dol.)	Re- turns (1,000)	Re- celpts (bil. dol.)
Corporate returns 1	1,866	1,621	2.024	2.982	2.712	5,732	2.926	6.157	2.999	6,335	3,171	6,948
Under \$25,000 °	452	2	489	2	557	3	620	3	629	3	886	3
\$25,000-\$49,999	171	5	188	5	208	ة ا	218	7	213	1 7	213	7
\$50,000-\$99,999	220	14	261	17	323	21	325	22	330	22	339	23
\$100,000-		'~		· ''		l	020				555	
\$499,909	517	116	674	155	926	215	1.021	242	1.043	250	1.084	261
2600.000-	1 317		0,4	133	320	2.5	1,021		1,040		1,554	
\$999,999	141	95	184	125	280	192	296	203	316	217	345	238
\$1,000,000 or	1	-		123		'**	250	200	5.5	- "		
more	165	1.391	250	2.658	418	5.294	446	5,680	468	5.835	505	6.417
Partnership returns 1	936	1,381	1.073	148	1.390	296	1,514	332	1,541	243	1.843	318
Under \$25,000 *	502	3	550	174	636	250	778	55	781	2 2	820	2.0
\$25,000-\$49,909	125	4	140	5	182	1 7	182	7	177	3	197	1 2
\$50,000-\$99,909	120		133	10	184	13	187	13	204	Ä	200	l ã
	1 120	8	133	10	104	13	10/	1 13	204		200	
<b>\$100,000</b> -	٠		٠	۱		1	278	۰.	282	42	313	46
\$499,999	162	33	204	44	290	64	2/8	61	262	42	313	
\$500,000	l		i	٠			۱		۱	25	۱	27
\$000,900	17	12	26	17	48	33	50	35	54	25	61	2/
\$1,000,000 or	_				l				l		l	
more	10	30	18	66	37	184	39	211	44	163	52	232
Non-farm		l		ì	1	l		ľ	•			1
proprietorship		1	ŀ	i .	1	ł		ı		1		۱
returns <sup>2</sup>	6,494	199	³ 7,760	274	3 9,730	411	10,108	434	10,704	465	11,262	516
Under \$25,000		30	5,627	35	6,916	44	7,203	45	7,591	49	7,832	52
\$25,000-\$49,999		27	850	30	1,079	39	1,117	40	1,187	42	1,261	45
\$50,000-\$99,999	562	40	645	45	836	59	844	59	919	65	1,061	74
\$100,000-	1	1	i .	1	ł	1	l	l	1	l		l
\$499,999	420	76	590	113	796	159	838	166	889	178	964	203
\$500,000-			1		1		1				1	l
\$999,999	21	14	35	24	74	50	68	47	83	57	86	61
\$1,000,000 or				l	1	1		i	1	I	l	l
more	7	12	13	28	29	61	36	76	35	74	37	81
		'-				1	1		1	I .	l	

Includes firms with no receipts. Business receipts. Active firms only. Number of businesses. Number of non-farm sole propristorship returns is not available prior to 1961. However, the number of returns and the number of businesses are very closely related. Since 1970, the ratio of number of returns to the number of businesses has remained approximately 1 to 1.1.

Source: U.S. Internal Revenue Service, Statistics of Income, and unpublished data.

### No. 825. NUMBER OF RETURNS, RECEIPTS, AND NET INCOME, BY INDUSTRY AND TYPE OF BUSINESS: 1984

[Figures are estimates based on sample of unaudited tax returns; see Appendix III. Due to minor variations in estimating techniques, totals differ slightly from those shown in other IRS tables in this section. For further information regarding corporations, see table 846. See *Historical Statistics, Colonial Times to 1970*, series V 42–53, for number of active corporations. Minus sign (—) indicates not less)

	NUMBE	ER OF RETU (1,000)	FMS		ESS RECEIP (bil. dol.)	TS <sup>1</sup>		ME (loss di (bil. dol.)	eficit) <sup>2</sup>
MDUSTRY	Nonferm proprietor- ships	Active pertner-ships	Active corporations	Nonferm proprietor- ships	Active pertner-ships	Active corpora-	Nonferm proprietor- ships	Active pertner-ships	Active corpora-
Total *	11,562	1,844	3,171	516.0	318.3	6,948.5	70.8	-3.5	232.9
Agriculture, forestry, and fishing	153 1,386 320	139 57 65 30	96 41 307 272	10.7 13.2 86.3 18.2 29.1	5.9 18.6 23.2 18.3	62.1 111.0 326.8 2,609.0 693.1	.9 .4 10.1 1.4 3.3	7 .1 22 -1.1	29 4 2.9 121.2
Wholesale and retail trade 5	2,361 225 2,012 884 4,990	186 21 163 791 331	897 304 566 497 899	196.0 29.8 160.6 30.0 147.4	72.3 28.2 44.1 • 94.4 90.2	2,250.8 1,130.1 1,116.4 • 431.1 458.0	7.7 1.6 5.4 9.5 36.6	1.7 .4 1.3 -19.2 15.6	42.0 24.3 17.6 32.7 5.8

See footnote 4, table 823.
 See footnote 2, table 823.
 See also exception in footnote 6.
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Source: U.S. Internal Revenue Service, Statistics of Income, various publications.

### No. 826. Number of Returns, Receipts, and Net Income, by Industry, by Type of Business, and by Size of Business Receipts: 1984

[Number in thousands; receipts and net income in millions of dollars. See headnote, table 825. See *Historical Statistics, Colonial Times to 1970*, series V 42-53, for number of active corporations, Minus sign (-) indicates net less]

	Non- ferm	ACTIV	E PARTNERS	HMPS		ACT	TVE CORPORA	TIONS	,
	pro- prietor-	Under \$100,000 *	\$100,000- \$499,999	\$500,000 or more		\$1,000,000- \$4,999,999	\$5,000,000- \$9,999,999	\$10,000,000- \$49,999,999	\$60,000,000 or more
All industrial									
Number	11,262	1,196	327	119	2,666	363	61	50	1 10
Business receipts 4 5		13,409	45,683	259,250		783,416			
Net income *		- 18,947	1,555	13,892	-746	14,595	6,109	24,610	
Agriculture, forestry, fishing:	-		.,	.0,000					
Number	322	130	8	1	90	7	1	1	13,86
	10,700	534	1,673	3,679	62,093	14,140	5,977	11,606	13,86
Mining:		1					1	i	1
Number	153		9	5	34	5	1	1	77,64
	13,190	537	1,998	16,103	5,387	10,796	4,450	12,743	77,64
Construction:		i		l			1		l
Number	1,386		25	5	250	47	6	3	62.63
	68,311	1,215	5,191	16,791	61,972	96,758	40,250	65,145	62,62
Manufacturing:		1	1	i			l		1
Number	320		5	3	185	59	13	12	
	18,176	476	1,149	16,700	49,840	133,379	91,434	241,416	2,092,90
Transportation, public utilities: *		1 .							
Number	572			2	108			2	i
	29,089	508	812	9,323	21,545	34,333	15,797	31,383	590,08
Wholesale and retail trade:				Ì					
Number	2,381			22	671				
_ Business receipts 41	195,961	3,133	14,371	54,832	184,411	363,749	198,661	488,173	1,035,78
Pinance, insurance, real estate:							_		
Number	964	603		53				5	
Business receipts 4	29,977	1,094	3,500	50,219	32,581	24,531	9,022	33,546	331,47
Services:		1	l		l		ı	1	1
Number	4,960	226	77	29				3	
Business receipts 4	147.436	5,394	16,391	68,469	157,611	103,246	33.061	56,705	107,41

Z Less then 500 returns. ¹ Individually owned businesses. ² Includes businesses without receipts. ² Includes businesses not allocable to individual industries. ⁴ See footnote 4, table 823. ⁴ Less deficit. See footnote 2, table 823. ⁴ Includes annitary services.

Source: U.S. Internal Revenue Service, Statistics of Income, various publications and unpublished data.

### NO. 827. NONFARM SOLE PROPRIETORSHIP RETURNS—SELECTED INCOME AND DEDUCTION ITEMS: 1970 TO 1985

[In millions of dollars, except as indicated. All figures are estimates based on sample. Tax law changes have affected the comparability of the data over time. See *Statistics of Income* reports for a description of appropriate years tax law changes; see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series V 4-5]

ITEM	1970	1975	1980	1981	1982	1983	1984	1985
Number of returns, total (1,000)	5,770 (NA)	7,221 (NA)	1 8,932 (NA)	1 9,585 6,535	1 10,106 6,761	10,704 7,390	11,262 8,003	11,929 8,641
Inventory, end of year	11,061	15,578	21,996	22,922	21,805	(NA)	23,233	24,970
Business receipts, total		273,955 272,343	411,206 407,169	427,063 421,700	433,665 428,312	465,169 455,382	516,037 507,234	540,045 (NA)
Deductions, total	168,045	234,318	356,258	373,991	383,092	404,809	445,270	461,273
Cost of goods sold/operations	109,149	146,261	209,890	209,724	205,471	212,631	229,906	232,294
Purchases	88,586	117,722	168,302	167,751	161,295	(NA)	(NA)	(NA)
Labor costs	7,704	8,791	10,922	10,923	11,425	9,871	13,009	14,504
Materials and supplies	6,216	9,091	12,909	12,081	12,736	(NA)	(NA)	(NA
Commissions	1,274	2,226	3,333	3,540	4,464	(NA)	(NA)	(NA
Salaries and wages (net)	15,107	20,228	26,561	28,749	30,403	31,666	34,686	38,266
Car and truck expenses	(NA)	(NA)	13,378	12,358	(NA)	14,758	17,524	(NA
Rent paid	4,637	6.676	9,636	10,715	11,797	11,831	14,278	15,259
Repairs		3.044	5,032	5,414	6,006	(NA)	(NA)	(NA
Taxes paid		5,424	7,672	6,661	7,748	(NA)	(NA)	(NA
Utilities	(NA)	(NA)	4.790	8,276	(NA)	(NA)	(NA)	(NA
Insurance	2,310	3,504	6,003	6,239	6,448	(NA)	(NA)	(NA
Interest paid		3,391	7,190	9,052	10,143	9,926	11,025	11,914
Depreciation		7,958	13,953	15,855	19,122	22,070	23,900	26,291
Pension and profit sharing plans		125	141	153	136	123	258	311
Net income (less loss)	30,537	39,637	54.947	53,072	50,573	60,359	70,767	78,773
Businesses with profit		45,625	68,010	68,553	68,647	78,618	89,849	98,776

NA Not available. 1 Includes breakeven businesses.

Source: U.S. Internal Revenue Service. Statistics of Income Bulletin. Summer. 1987.

### No. 828. Partnership Returns—Selected Income Statement and Balance Sheet Items: 1970 to 1984

[in millions of dollars, except as indicated. All figures are estimates based on samples. See headnote, table 827. See also Appendix III and Historical Statistics, Colonial Times to 1970, Series V 7-9]

ITEM	1970	1975	1978	1979	1980	1981	1982	1983	1984
Active partnerships, number (1,000)	936	1,073	1,234	1,300	1,380	1,461	1,514	1,542	1,644
Number with net income (1,000)		661	762	766	774	749	791	784	845
Number with balance sheets (1,000)	556	783	1,024	(NA)	1,194	1,198	1,223	1,191	1,215
Number of partners (1,000)	3,698	4,951	6,121	6,955	8,420	9,448	9,765	10,589	12,427
Assets, total 1	116,753	235,468	353,696	447,130	597,504	715,233	845,281	886,993	1,030,849
Buildings/depreciable assets (net)	(NA)	113,125	158,728	(NA)	239,140	367,270	310,846	345,897	581,643
Inventories, end of year	(NA)	11,985	17,203	(NA)	33,218	59,650	100,729	77,059	61,756
Land	(NA)	36,732	46,442	(NA)	70,241	76,333	87,820	98,427	122,037
Liabilities, total	(NA)	193,876	293,050	(NA)	488,734	580,034	701,630	745,153	855,373
Accounts, payable	(NA)	12,302	20,943	(NA)	33,899	29,092	37,255	34,725	32,780
Short-term debt 2	(NA)	22,709	27,811	(NA)	48,002	55,692	73,278	67,295	68,626
Long-term debt 3	(NA)	* 136,297	114,943	(NA)	178,044	196,509	236,218	268,268	322,327
Nonrecourse loans	(NA)	(4)	B3,747	(NA)	118,910	138,134	154,509	194,829	260,167
Partner's capital accounts	(NA)	41,593	60,646	(NA)	108,770	135,199	143,651	141.840	175,476
Total receipts	93,348	148,418	219,192	258,198	291,998	272,130	296,690	291,319	375,193
Business receipts	90,209	142,506	207,731	242,654	271,109	230,027	251,609	243,248	318,342
Interest received A	942	2,447	4,347	7,246	10,869	13,773	15,260	15,006	16,651
Deductions, total	83,558	140,680	204,745	242,992	283,749	274,865	304,005	293,929	378,693
Cost of goods sold/operations	46,041	64,673	87,217	102,097	113,886	130,044	144,595	125,331	160,858
Salaries and wages	8,129	12,489	16,585	19,393	22,336	21,953	23,205	24,734	28,523
Taxes paid	3,159	5,771	7,365	8,329	9,553	5,040	5,289	5,910	6,673
Interest paid	4,470	12,097	16,023	21,276	28,362	19,586	21,517	22,364	25,438
Depreciation	4,579	10,109	14,520	17,663	21,576	27,263	32,362	37,340	19,782
Net income (less loss)	9,790	7,738	14,447	15,206	8,249	-2,735	-7,315	-2,610	-3,500
Businesses with profit	14,419	22,432	33,689	40,001	45,062	50,567	53,557	60,308	69,697

NA Not available. 

¹ Total assets, total liabilities, and partner's capital accounts are somewhat understated because not all partnership returns filed contained a complete balance sheet.

ª Represents mortgages, notes, and bonds payable in one year or more.

ª Tax year 1975 long term debt included nonrecourse loans.

Beginning 1982, includes both interest and dividends.

Source: U.S. Internal Revenue Service, Statistics of Income Bulletin, Summer 1984 and Fall 1988.

No. 828. PARTNERSHIPS—SELECTED ITEMS BY INDUSTRIAL DIVISION: 1980 TO 1985

[In millions of dollars, except partners and partnerships in thousands, includes partnership not allocable by nature of business. Figures are estimates based on samples. See Appendix III]

		UMBER O		Num-		Durton	Total	Net		
INDUSTRY AND YEAR	Total	With net in- come	With net losses	ber of part- ners	Total assets	Business re- ceipts 1 2	Total deduc- tions 2	income less loss <sup>2</sup>	Net income	Net
All industries:	727		1/3	30.0	200	5.60		UNST	57	C.D.
1980	1,380	774	605	8,420 9,095	597,504	285,967	283,749	8,249	45,062	36,813
1981	1,461 1,514	749	711	9,095	715,233	262,498	274,865	-2,735 -7,315	50,567 53,557	53,302
1983	1,514	791 784	723 758	9,765	845,281 886,993	284,037 278,347	304,005	2,315	60,308	60,871
1984	1,542	845	799	12,427	1,030,849	318,342	293,929 378,693	-2,610 -3,500	69,697	73,197
1985	1,714	876	838	14,190	1,269,434	302,733	376,170	-7,814	78,114	85,928
Agriculture, forestry, and fishing:	16.50	1000		10.7	10.75	1 30 SET	100,000	100	3 V	7.50
1980	126	72	54	381	24,595	21,611	22,859	472	2,539	2,067
1981	125	64	61	406	23,130	4,993	8,069	-704	2,133	2,837
1982	133	68 73	65 63	450 466	24,814 24,717	5,004 5,949	8,403 8,772	-701 -145	2,452 2,626	3,153
1984	139	73	66	494	26,739	5,886	9,242	-749	2,020	3,227
1985	136	76	60	585	27,027	6,529	10,495	-1.049	2,478 2,797	3,846
Mining: 1980	1				2.,02.			100		0,010
1980	35	15	20	722	24,742	13,201	18,248	-4,208	3,920	8,128
1981	51	20	32	1,475	34,345	15,329	27,113	-10,109	4,832 5,795	14,942
1982	56	23	33	1,574	45,550	17 563	28.628	_ B B30	5,795	14,625
1983	60	24	36 26	2,083	49,775	17,077	23,586	-4,110	6,369 7,857	10,479 7,788
1984	57 63	31	26 30	2,007 4,153	52,415 66,930	16,638 19,922	21,985	2,551	7,857 8,954	6,402
Oil and gas extraction:	63	33	30	4,153	66,930	19,922	22,069	2,551	0,904	0,402
1980	31	14	17	686	18,881	9,252	13,659	-3,694	3,577	7,271
1981	47	19	28	1 441	27,315	11,009	21,954	-9,386	4,485	13,872
1982	51	22	29	1.512	38.048	13,717	23,525	-7.727	5,493	13,220
1983	56	23	29 33	1,441 1,512 1,988	41,067	13,717 13,226	23,525 19,048	-3,546	5,917	0.463
1984	51	27	24	1,833	41,266	14,177	16,674	787	7,349	6,561
1985	56	31	25	4,076	55,760	15,577	16,648	3,343	8,350	5,008
Construction:			62	1					4 444	
1980	67	51	16	160	9,811	18,407 16,554	17,202	1,560	2,119	559 639
1981	70 66	50 47	19	165	11,008 11,654	18,052	15,810 17,181	1,209	1,848 2,061	642
1983	64	46	18	149	14,965	21,623	20,758	2,168	3,087	919
1984	65	47	18	173	13,783	23,198	21,655	2,193	2,966	773
1985	57	41	16	134	15,008	21,476	20,080	2,207	2,743	536
Manufacturing:		253		1.00	10,000	21,112	20,000	-,	-1,	
1980	30	20	10	92	11,252	15,327	16,142	-472	1,199	1,671
1981	30 23	19	12	91	10,988	14,234	15,026	-441	1,100	1,540 1,756
1982	23	14	9	77	13,022	14,824	15,960	-816	940 890	1,756
1983	26	12	14	91	13,966	14,179	15,291	-744	890	1,634
1984	30	15	15	105	19,574	18,326 22,588	20,046 24,225	-1,101	1,165	2,266
Transportation and public utilities:		1		95	24,838		- 1	-1,085	1,228	
1980	20	11	10	73	9,291	5,868 6,240	5,821	248	1,092	1,331
1981 1982	22	10	11	73	11,627	6,240	6,654	-228	1,103	1,331
1983	18	8	10	103	17,671	6,570	7,577	-761	1,128	1,859
1984	20 21	14	7	142	19,809	7,155	8,194 13,332	-703 -2,007	1,280	1,831 3,288
1985	25	15	10	186	21,109 26,468	11,253	14,814	-3,066	1,360	4,426
Wholesale and retail trade:		1 2 2		100	20,100	11,200	6 4 22	0,000	1,000	1000
1980	200	123	77	487	17,727	65,793	63,988	2,475	3,374	900
1981	217	118	99	528	20,253	70,442 69,736	69,853	1,317	2,939	1,622
1982	205	118	87	491	19,279	69,736	68,980	1,601	3,043 3,012	1,442 1,472 1,572
1983	194	102	92	479	19,804	59,880	59,140	1,540 1,666	3,012	1,472
1984	185	98	87 88	444	21,222	72,335	71,707	1,666	3,238	1,5/2
Finance, insurance, and real estate:	201	113		493	20,568	69,079	68,119	1,977	3,467	1,490
1980	637	313	325	5,566	454,531	87,133	91,382	-4,249	15,169	19,418
1981	682	300 334	382	5,326	550,143	73,574	78,934	-5,360	19,771	25,131 30,621
1982	726	334	392	5,757	647,465	85,905	97,061	-11,156	19,465 22,542 25,646	30,621
1983	730	327	403	5,927	670,225	76,784	89,889	-13,105	22,542	35,647 44,890
1984	791 844	350 369	441 475	7,408 7,755	770,457 979,787	94,362 45,873	113,606 118,237	-19,244 -25,929	30,383	56,311
Real estate:	044	209	4/5	1,100	3/9,/6/	40,073	110,237	-20,929	30,363	00,011
1980	464	211	253	3,212	275,895	60,637	63,924	-3,287	8,125	11,412
1981	522	216	307	3,133	337,368	30,526	38,433	-7,907	0.050	17 760
1982	568	245	323	3,738	394,966	33,969	38,433 45,089	-11,100	11,940	23,039
1983	585	245	341	4.328	465.891	41,355	56.234	-14,879	11,940 14,601 18,548 21,007	23,039 29,480 39,752 50,766
1984	637	262	375	5,131 5,992	598,425 724,342	26,011	74,922 89,505	-21,204 -29,759	18,548	39,752
1985	694	285	409	5,992	724,342	28,609	89,505	-29,759	21,007	50,766
Services:	000	400	100	000	40.000	50.000	40 400	10.101	N - 5 11	1000
1980	263 263	169	94 95	938 1,025	45,510	58,627	48,106 53,232	12,424	15,649 16,804	3,224
	263	168	95	1,025	53,559	60,997 65,835		11,618	10,804	5,186 6,656
		4.75								
1962	279	175	104	1,147	64,798	75.060	59,627	11,902	18,558	8 110
		175 188 204	118 127	1,275 1,578 1,713	73,186 87,984 106,597	75,069 90,244	67,639 82,239	12,457 15,583 16,541	20,570	8,113 9,217

<sup>&</sup>lt;sup>1</sup> Total receipts for pertnerships in finance, insurance, and real estate, and business receipts for all other industries.

<sup>2</sup> Beginning 1981, the agriculture, forestry, and fishing industries are based on revised collection procedure. See source for letail.

No. 830, EMPLOYEES AND PAYROLL, BY INDUSTRY: 1975 TO 1985

		EMPL	OYEE8 (1,	(000)			PAYR	OLT (pg.	dol.)	
MOUSTRY	1975	1980	1983	1984	1905	1975	1963	1963	1984	1963
Sustrice 1	80,564	74,836	72,971	77,300	81,119	905	1,030	1,300	1,407	1,514
i services :  construction the service	195 717 3,321 18,374 3,935 4,333 12,271 4,263 12,668	290 966 4,474 21,152 4,631 5,216 15,045 5,278 17,196	325 972 3,765 18,232 4,551 5,122 15,232 5,545 18,832	354 975 4,172 19,325 4,675 5,388 16,061 5,763 20,349	382 943 4,460 19,434 4,816 5,625 16,852 6,004 21,543	2 10 44 213 51 52 78 42 102	3 22 76 357 68 89 124 77	4 27 80 386 108 107 151 108 277	5 26 90 439 115 120 168 118 311	26 96 458 123 130 179 132 346

se nonclessifiable establishments, not shown separately. 

<sup>2</sup> Includes forestry and fisheries. 

<sup>3</sup> Includes other public

<sup>4</sup> Includes regi estate.

No. 831. EMPLOYEES AND PAYROLL, BY EMPLOYMENT-SIZE CLASS: 1975 TO 1985 [See headnote, table 832]

MENT-SIZE CLASS	Unit	1975	1975	1970	1980	1961	1982	1985	1984	1905
e, total		00,584	70,200	74,861	74,230	74,000	74,297	72,971	77,906	81,111
0 employees		18,393	18,723	19,406	19,423	19,515	19,898	20,136	21,171	21,810
employees		16,272	19,612	20,992	21,168	21,231	21,143	20,806	22,449	23,53
199 émployees	1,000	13,713	16,327	17,527	17,640	17,977	17,444	16,794	18,348	19,410
199 employees	1,000	4,872	5,537	5,760	5,689	5,497	5,436	5,166	5,614	5,710
· more employees	1,000	9,315	10,090	10,976	10,716	10,630	10,378	10,050	10,413	10,649
ryroli		596	841	962	1,030	1,150	1,199	1,300 298	1,407	1,514
б employees	Bil. dol	138	190	210	231	254	272	298	326	35
employees	Bill. dol	147	211	239	261	268	303	319	356	38
199 employees		135	196	224	249	279	288	297	334	36
99 employees	Bill. dol	53	74	84	91	99	104	107	120	12
more employees		123	170	196	208	229	234	248	260	28

U.S. Bureau of the Ceneus, County Business Patterns, annual.

### IO. 832. EMPLOYEES AND PAYROLL, BY EMPLOYMENT-SIZE CLASS AND INDUSTRY: 1985

des government employees, railroad employees, self-employed persons, etc. See "General Explanation" in source for definitions and statement on reliability of data]

MENT SIZE-CLASS	Unit	All indus- tries <sup>1</sup>	Agricul- tural serv- ices <sup>2</sup>	Min- ing	Contract con- struction	Manufac- turing	Transpor- tation <sup>3</sup>	Whole- sale trade	Retail trade	Fi- nence and ineur- ance 4	Serv-
is, total 0 employees ) employees 199 employees   more employees	1,000 1,000 1,000	21,810 23,539 19,410 5,716	302 220 100 47 10 5	943 148 263 317 113 101	4,480 1,803 1,530 781 136 231	18,434 1,432 3,935 6,574 2,473 5,020	4,816 804 1,292 1,305 439 976	5,625 2,057 2,199 1,036 183 151	16,852 6,293 7,054 2,941 350 214	6,004 1,774 1,704 1,318 408 800	21,543 6,396 5,307 5,092 1,803 3,148
iyroll	Bil. dol Bil. dol Bil. dol Bil. dol	352 368 362 126	5.2 3.0 1.3 .6 (z) (z)	28.2 3.8 7.0 9.9 4.0 3.5	97.8 34.1 34.4 19.2 3.6 6.6	457.8 27.1 77.1 137.4 59.2 157.0	122.8 15.7 28.9 33.8 12.8 31.6	130.5 44.4 49.7 26.7 5.4 4.4	170.2 63.5 72.0 34.1 5.3 4.3	181.7 34.8 37.0 29.5 9.4 21.1	346.2 112.6 78.9 71.3 25.8 57.7

than \$500 million. Includes nonclassifiable establishments not shown separately. Includes forestry and Includes other public utilities.

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U.S. Bureau of the Census, County Business Patterns, annual.

U.S. Bureau of the Ceneus, County Business Patterns, annual.

NO. 833. CONSUMER AND FARMER COOPERATIVES, BY TYPE OF ASSOCIATION: 1970 TO 1985 [Members in thousands; business in millions of dollars, Business refers to loans outstanding)

		1970			1961		1905			
TYPE OF ASSOCIATION	Associa- tions	Mem- bers	Buei- ness	Associa- tions	Mem- bers	Buel- ness	Asso- cia- tions	Mem- bers	Bus- ness	
Credit unions <sup>1</sup> . Electric power cooperatives <sup>2</sup> . Rural telephone cooperatives <sup>2</sup> . Independent prepaid and self-insured		22,819 5,789 609	14,106 1,195 66	20,697 889 254	45,069 9,026 952	50,394 7,440 391	15,045 <b>866</b> 250	45,265 10,032 1,047	74,409 11,032 607	
health plans 4	482	3 12,204	1,068	(NA)	<b>29</b> ,107	• 9,353	(NA)	(NA)	(MA)	
Farmer cooperatives selling producer and consumer goods **	6,209	(NA)	3,871	5,009	(NA)	17,059	4,288	(NA)	16,641	

NA Not available. ¹ Beginning 1985, covers federally insured credit unions. Source: National Credit Union Administration and State Chartered Credit Unions. ª Source: U.S. Rural Electrification Administration, Statistical Report—Rural Electrification Administration, Statistical Report—Rural Telephone Borrowers. 

\* Source: U.S. Health Care Financing Administration, Health Care Financing Administration, Health Care Financing Administration, Health Care Financing Administration, Health Care Financing Review, September 1982, and unpublished data. 

\* 1988 data. \* 1979 data. \* Data for fiscal years ending June 30 or earlier in years shown.

Source: Except as noted, U.S. Dept. of Agriculture, Agricultural Cooperative Service, unpublished data.

#### No. 834. INDUSTRIAL AND COMMERCIAL STARTS AND FAILURES—NUMBER AND LIABILITIES: 1970 to 1986

[Excludes Hawaii prior to 1975, Alaska prior to 1976. Commercial and industrial failures only through 1963, excluding failures of banks, railroads, real estate, insurance, holding, and financial companies, steamship lines, travel agencies, etc. Data for 1984-86 based on expanded coverage and new methodology and are therefore not generally comparable with earlier data. See also Historical Statistics, Colonial Times to 1970, series V 20-301

	Total	Index		F	AILURES	•		Total	index		F	ALURES	•
YEAR	con- cerns in busi- ness <sup>1</sup> (1,000)	of net busi- ness forma- tions <sup>2</sup> (1967 = 100)	New incor- pora- tions <sup>2</sup> (1,000)	Num- ber	Rate per 10,000 con- cems	Cur- rent tiabil- itles 4 (mil. dol.)	YEAR	con- cems in buei- ness 1 (1,000)	of net buei- ness forma- tions <sup>2</sup> (1967 = 100)	New incor- pora- tions <sup>2</sup> (1,000)	Num- ber	Rate per 10,000 con- cerns	
1970 1975 1980	2,442 2,679 2,780 2,745	106.8 109.9 129.9 124.8	326 534	10,748 11,432 11,742 16,794	44 43 42 61	1,886 4,380 4,635 6,955	1962 1963 1884 1985 1986, prei		116.4 117.5 121.3 120.9 120.4	635 662	24,908 31,334 52,078 57,078 61,232	110 107 115	15,611 16,073 29,269 36,937 44,046

1 Data through 1963 represent number of names listed in July issue of Dun & Bradistreet Reference Book. Data for 1964-86 represent the number of establishments listed in the Dun's Cansus of American Business. The base has been changed due expended business failure coverage.

2 Source: U.S. Bureau of Economic Analysis, Business Conditions Digest, June issues.

3 Includes concerns discontinued following assignment, voluntary or involuntary patients. Business Conditions, attachment, essecution, toreclosure, etc.; voluntary withdrawals from business with known lose to creditors; also enterprises involved in court action, such as receivership and reorganization or arrangement which may or may not lead to discontinuance; and businesses making voluntary compromise with creditors out of court.

4 Liabilities exclude long-term publicly held obligations; offsetting assets are not taken into account. into account

#### No. 835. New Business Incorporations and Number of Failures, by State: 1965 and 1986 [1886 preliminary. Business incorporations in thousands. See headnote, table 834]

DIVI- SION AND STATE	NEW BUSINESS INCORPORA- TIONS		NUMBER OF FAILURES		DIVI- SION AND	NEW BUSINESS INCORPORA- TIONS		NUMBER OF FAILURES		DIVI- SION AND	NEW BUSINESS INCORPORA- TIONS		NUMBER OF FAILURES	
	1985	1986	1985	1986	STATE	1985	1986	1985	1986	STATE	1985	1986	1985	1986
U.S	662.0	702.1	57,253	61,232	W.N.C									
N.E	37.9	42.0	1,228	1,115	MO	10.2	11.2	1,247	1,622	w.s.c	66.2	63.9	7,943	12,704
ME	0.0	3.1	80	59	ND		.9	94	98	AR	5.3	5.8	622	372
NH	2.5	3.9	61	54	SD	.9	1.0	145	150	LA	11.4	11.7	1,383	1,824
VT	1.7	1.8	38	30	NE	20	2.6	487	365	OK	8.1	7.6	1,030	2,834
MA	15.8	17.3	683	733	KS	4.8	4.4	1,583	1,672	TX	41.4	38.8	4,908	7,674
RI	3.1	3.5	60	37	S.A		183.1	6,555	6,255	Mt	46.4	48.5	5,359	5,894
CT	11.2	12.5	306	202	DE	26.6	31.5	46	46	MT	1.4	1.5	194	184
M.A	120.3	130.2	4,498	3,980	MD		16.0	450	462	ID	1.6	1.8	203	311
NY	72.1	76.9	1,851	1,510	DC		2.3	60	69	WY	1.0	1.0	274	281
NJ	30.5	33.1	990	907	VA	15.0	16.7	991	684	CO	14.2	15.9	2,694	3,254
PA	17.7	20.2	1,657	1,563	WV	2.5	2.6	367	225	NM	2.8	2.5	358	269
E.N.C	81.5	85.4	9,995	9,589	NC	11.8	12.7	665	583	AZ	12.9	12.5	693	664
OH	17.2	18.4	2,456	2,057	SC		6.2	230	264	UT	3.7	3.9	576	571
IN.	9.9 26.1	10.7	1,245	1,085	GA	17.3 71.6	17.6 77.6	952 2,794	3,316	NV	8.7	9.5	367 13,507	13,507
MI	21.9	22.9	1,465		E.S.C.					Pac	82.8 9.4	9.0		
WI	6.4	6.5	1,405	1,609	KY		27.0 7.7	3,276 983	2,983 947	OR	7.2	7.3	1,637	1,774
W.N.C.	32.7	34.0	4,892	5,205	TN	8.7	9.3	1,217	1,166	CA	61.2	67.2	10,296	10,160
MN		9.7	506	635	AL	6.1	6.8	608	369	AK	2.1	1.7	173	289
IA	4.1	4.2	830	663	MS	3.2	3.1	468	501	Hl	3.0	2.8	250	283

Reuroe of tables 834 and 835: Except as noted, Dun & Bradetreet Corporation, New York, NY, The Failure Report.

#### No. 836. Business Failures by Industry Sector: 1984 to 1986

[Data based on expanded coverage and new methodology and are therefore not directly comparable with data prior to 1984. See section 16 for bank failures]

INDUSTRY	1984	1985	1986, prel.	INDUSTRY	1984	1965	1986, prel.
Total Agricultural, forestry and fishing Mining	1,988 744 6,936 5,015	57,253 2,699 796 7,005 4,869 2,536	61,232 2,622 911 7,037 4,740 2,552	Wholesale trade	2,392 12,787 16	4,836 13,494 2,676 16,649 12 1,681	4,815 13,524 2,771 20,912 20 1,328

Source: Dun & Bradstreet Corporation, New York, NY, Monthly Failure Report.

#### No. 837. BANKRUPTCY PETITIONS FILED. BY TYPE AND CHAPTER: 1975 TO 1986

[For years ending June 30]

ITEM	1975	1978	1978	1980 1	1961	1982	1965	1904	1965	1965
Total	254,484	202,961	226,476	277,880	360,329	367,880	374,734	344,275	364,536	477,856
Business	253,196	30,528 172,423 201,944 1,007	29,500 196,976 225,549 927			56,423 311,443 366,331 1,535	69,816 304,916 373,064 1,670	62,170 282,105 342,828 1,447	68,651 297,885 362,939 1,597	76,281 401,575 476,214 1,642
Chapter 7 s Chapter 9 4 Chapter 11 s Chapter 13 Section 304 7	3,506 41,178	168,771 2 3,266 30,185 (X)	183,259 1 3,042 39,442 (x)			255,098 4 14,059 98,705	251,322 3 21,207 102,201	232,994 19,913 91,358 6	244,650 3 21,425 96,452 6	332,679 7 24,443 120,726

<sup>-</sup> Represents zero. X Not applicable. ¹ For the first three months of 1980 the judiciary operated under the Bankruptcy Act and for the last nine months under the new bankruptcy code established by the Bankruptcy Reform Act of 1978. Includes only those petitions filed under the new bankruptcy code. ¹ Includes five Section 304 cases filed under the Reform Act in 1980 and in 1981 which are not included in the subcategories of voluntary/involuntary. ² Chapter 7, liquidation of non-exempt assets of businesses or individuals. ¹ Chapter 9, adjustment of debts of a municipality. ¹ Chapter 11, individual or business reorganization. ¹ Chapter 13, adjustment of debts of an individual with regular income. ¹ 11 U.S.C., Section 304, cases ancillary to foreign proceedings.

#### No. 838. BANKRUPTCY PETITIONS FILED AND PENDING: 1905 TO 1986

[In thousands. For fiscal years ending in year shown; see text, section 9. Covers all U.S. bankruptcy courts. Bankruptcy petitions "Fised" means the commencement of a proceeding through the presentation of a petition to the clark of the bankruptcy court; "Pending" is a proceeding in which the administration has not been completed]

YEAR	Filed	Pend- ing	YEAR	Flied	Pend- ing	YEAR	Filed	Pend- ing	YEAR	Filed	Pend- ing
1905	16 26 14	28 28 44 30 60 61	1935	13 33	65 55 21 38 58 95	1965	254	162 191 202 346 362 461	1963 1984 1985 1986	365	537 578 609 729

Source of tables 837 and 838: Administrative Office of the U.S. Court, Annual Report of the Director.

#### NO. 839. SMALL BUSINESS BIRTH, DEATH, AND NET GROWTH RATES: 1976 TO 1984

[Represents any concern which, including its affiliates, is independently owned and operated, not dominant in the industry in which the procurement is classified, and can further quality under the criteria set forth in Small Business Administration's Rules and Regulations, see source for details]

ITEM	Birth rate 1	Death rate <sup>2</sup>	Net growth	ITEM	Birth rate 1	Death rate <sup>2</sup>	Net growth
All Industries: 1978-1978	10.6 11.1 11.2 12.8 10.1 10.1 12.5 9.9 9.5	9.6 10.8 9.6 9.3 10.2 11.5 9.9 10.4 8.2 8.2 8.2 8.1	3.3 2 1.6 2.4 2.6 -1.4 .3 2.0 1.7 1.3 .8	Wholesale trade: 1978-1978. 1978-1980. 1980-1982. 1980-1984.  Retail trade: 1978-1978. 1978-1990. 1980-1982. 1982-1984.  Services: 1978-1978. 1978-1990. 1980-1982. 1980-1982.	10.4 10.9 11.3 9.7 10.1 10.5 17.1 12.7	8.0 8.5 8.3 8.4 11.9 11.4 10.3 10.2 7.9 11.5 9.5	3.0 1.1 2.6 6 -1.7 2 .3 9.3 1.2 4.4

<sup>&</sup>lt;sup>1</sup> Business births represents the number of establishments formed during a specified period; also, the appearance of a new establishment or enterprise in the Small Business Data Base (SBDB). <sup>2</sup> Business deaths represent the disappearance of an establishment or enterprise from the SBDB for financial or nonfinancial reasons.

Source: U.S. Small Business Administration, Office of Advocacy, Small Business Data Base, USELM file, version 6, March 1987.

[Represents standard metropolitan statistical areas (SMSA's) established by the Office of Management and Budget, as of January 1, 1982. See Appendix II for newly defined metropolitan statistical areas and office of Management and Industrial Constitution for that industrial No. 840, Women-Owned and Minority-Owned Firms—Number and Receipts for Ten Largest SMSA's and Industries by Type of Ownership: 1982

	O-NIEW-ON	DIN-OWNED	1	BLACK-OWNED	9		HEPANIC	<b>એ</b> Ω		ABIAN- AND OTHER-OWNED	AND
BASA AND INDUSTRY GROUP	E SE	4 8 E 8	SMEA AND INDUSTRY GROUP	is a	4 8 E 8	BASA AND INDUSTRY GROUP	Per of	\$ \$ € \$ € \$	SMSA AND INDUSTRY GROUP	S S S S S S S S S S S S S S S S S S S	5 8 E 8
Los Angeles-Long Beach, CA. New York, NY-NJ. Chicago, IL. Chicago, IL. San Franchoc-Ostland, CA. San Franchoc-Ostland, CA.	117.468 101.223 66.277	5,5,2,1 5,32,1 5,90,0 6,90,0 6,90,0 7,90,0 8,0 8,0 8,0 8,0 8,0 8,0 8,0 8,0 8,0	Los Angeles-Long Beach, CA	23.520 20.242 20.242 20.242 20.242 20.242 20.242	58888	Los Angeles-Long Beach, CA	22.22 22.22 22.22 22.22 23.22 23.22 23.22 23.23	2,236 2,236		36,331 19,566 15,885 15,885	2,956 2,158 1,456 916
Westington, DC-MD-VA.	51,015	86.	Sen Francisco-Oakland, CA	9386		San Francisco-Oakland, CA	9.	418			
Houston, TX. Prilischephia, PA-NJ. Defroit, Mi	42.694 42.630 71.76	5.20	Detroit, MI. Philadephia, PA-NU Dallas-Fort Worth, TX	6,73 1,68 1,68 1,68 1,68 1,68 1,68 1,68 1,68	888	El Paso, TX	8.8 7.8 8.7	\$ 52 52 52	Grove, CA San Jose, CA Houston, TX Weetington, DC-MD-VA.	80,000 80	1888 1888
Denver-Boulder, CO	37,916	1,063	Atlanta, GA	7,077	8	Grove, CA Riverside-San Bernadino-Ontar- io, CA INDUSTRY	5,218	272 30	Sen Diago, CA	4,462	216
Eating and drinking piaces (58) Food stores (54)	37,635	6,04	Automotive dealers and service stations (56)	3,446	88	Automotive dealers and service stations (56). Wholesale trade—nondurable	3,746	1,309	Food stores (54)	10,281	2,504
Personal services (72) 419,11 Wholesale trade-nondurable goods (51) 22,23	e =	5,500	Food stores (54) Esting and drinking places (58)	11,629		goods (51) Food stores (54) Eating and drinking places (58)	7.002 10.701	860 800 800 800 800	Miscellansous rotal (50). Health services (50)	36,577 20,063	1467
Automotive dealers and service stations (56)	14,353	74.	Health services (80)	<u>5</u>	<u>8</u>	Special trade contractors (17)	710,22	2	Automotive designs and service stations (56)	2,469	1,00
Real setate (66) 225,551 Health services (80) 128,389	128,389	3,86	Special trade contractors (17) Personal services (72)	40,394	<b>2 3</b>	Health services (80) Wholessle trade—durable	104.0	578	Hotels and other todging places (70). Wholesale trade—nondurable	28.	3 1
Whotesie trade—durable goods (50) Becke trade contractors (17)	12,021	3,883	Wholesale trade—nondurable goods (51). Trucking and werehousing (42). Wholesale trade-drawle mode.	13,029	88	Trucking and werehousing (42) Personal services (72)	9,20,22	3 5	Special trade contractors (17)	20,129 8,915	32 2
(99)	29,130	2,448	(60)	1,210	8	rages (75)	6,873	8	(20)	1,574	8

series WB82-1. Bource: Bureau of the Census, 1982 Survey of Athrosty-Chuned Bushness Enterprises, series MB82-1; MB82-2; and 1982 Survey of Women-Chuned Businesses,

## M1. SMALL AND MINORITY-OWNED BUSINESS—FEDERAL CONTRACT AWARDS, BY STATE: 1984 AND 1985

of dollars, except percent. Excludes Guam and Puerto Rico. Represents contract awards of \$10,000 or more. Minus sign (—) indicates decrease]

	TOTAL CO	NTRACTS A	WARDED	S	MALL BUSI	NESS SHA	RE	M	INORITY-O	WNED SHA	RE
VISION,			Per-		19	85	Per-		19	85	Per-
ATE	1984	1985	cent change 1984- 1985	1984	Amount	Per- cent of total	cent change 1984- 1985	1984	Amount	Per- cent of total	cent change 1984- 1985
	157,226	176,526	22.9	24,843	26,494	15.0	6.7	3,865	3,718	2.1	-3.0
	34,379 26,307 47,362 49,178	37,279 31,603 54,703 52,941	8.4 20.1 15.5 7.7	4,380 4,272 10,163 6,027	4,705 4,739 10,563 6,487	12.6 15.0 19.3 12.3	7.4 10.9 3.9 7.6	494 462 1,898 1,012	471 548 1,583 1,116	1.3 1.7 2.9 2.1	-4.3 18.6 -16.6 10.3
pshire	15,309 567 699 188 7,507	16,688 1,001 747 179 8,277	9.0 76.5 6.9 -4.8 10.3	1,253 119 49 23 662	1,512 105 88 18 730	9.1 10.5 11.8 10.1 8.8	20.7 -11.8 79.6 -21.7 10.3	126 20 2 1 82	122 8 3 1 70	.7 .8 .4 .6 .8	-3.1 -60.0 50.0
and ut	5,922	6,022	8.2 1.7	108 293	154 417	33.3 6.9	42.6 42.3	19	38	.6	100.0
ntic By	19,071 10,742 4,090 4,239	20,591 11,216 4,441 4,934	8.0 4.4 8.6 16.4	3,127 1,379 809 939	3,193 1,297 883 1,013	15.5 11.6 19.9 20.5	2.1 -6.0 9.2 7.9	368 179 82 107	349 171 77 101	1.7 1.5 1.7 2.0	-5.2 -4.5 -6.1 -5.6
Central	13,091 4,141 2,651 2,318 2,706 1,273	16,750 5,895 3,428 2,670 3,265 1,492	28.0 42.4 29.3 15.2 20.6 17.2	2,929 792 330 590 437 781	3,357 878 413 719 492 855	20.0 14.9 12.0 26.9 15.1 57.3	14.6 10.9 25.2 21.9 12.6 9.5	97 34 69 13 15	330 159 24 107 31 9	2.0 2.7 .7 4.0 .9	44.1 63.9 - 29.4 55.1 138.5 - 40.0
Central	13,215 2,211 521 7,321 235 124 344 2,460	14,853 2,572 696 8,535 260 145 378 2,267	12.4 16.3 33.6 16.6 10.7 16.9 9.9 -7.9	1,343 172 85 495 167 63 146 215	1,382 180 74 514 137 71 139 267	9,3 7.0 10.6 6.0 52.7 49.0 36.8 11.8	2.9 4.7 -12.9 3.8 -18.0 12.7 -4.8 24.2	232 6 12 44 108 21 7 34	218 12 11 45 82 20 10 38	1.5 .5 1.6 .5 31.5 13.8 2.6 1.7	-6.0 100.0 -8.3 2.3 -24.1 -4.1 42.5 11.1
rtic	24,979 242 5,515	31,023 285 6,856	24.2 17.8 24.3	5,528 29 1,046	6,506 45 1,253	21.0 15.8 18.3	17.7 55.2 19.8	1,144 3 372	1,094 3 301	3.5 1.1 4.4	-4.4 -19.1
ia	1,942 5,848 217 1,126 1,588 3,304 5,198	2,146 7,747 208 1,357 1,907 3,832 6,685	10.5 32.5 -4.2 20.5 20.0 16.0 28.6	499 1,722 76 430 303 450 973	640 1,903 72 474 365 633 1,121	29.8 24.6 34.6 34.9 19.1 16.5 16.8	28,3 10.5 -5.3 10.2 20.5 40.7 15.2	184 379 3 43 35 55 70	243 333 8 34 45 52 75	11.3 4.3 3.8 2.5 2.4 1.4	32.1 -12.1 166.7 -20.9 28.6 -5.6 7.1
Central	8,344 1,003 3,324 1,622 2,396	7,180 1,023 2,767 1,935 1,455	-14.0 2.0 -16.8 19.3 -39.3	2,072 604 702 557 209	1,465 304 217 647 297	20.4 29.7 7.8 33.4 20.4	-29.3 -49.7 -69.1 16.2 42.1	404 189 98 93 25	175 44 -5 103 33	2.4 4.3 (x) 5.3 2.3	- 56.7 - 76.7 (x 10.8 32.0
Central	14,039 776 2,502 689 10,071	16,500 886 2,871 764 11,979	17.5 14.2 14.8 10.9 19.0	2,564 142 482 360 1,580	2,592 165 444 340 1,643	15.7 18.6 15.5 44.5 13.7	1.1 16.2 -7.9 -5.6 4.0	350 13 28 60 250	314 10 53 71 180	1.9 1.1 1.8 9.3 1.5	-10.3 -23.1 89.3 18.3 -28.0
CO	9,593 157 440 145 2,073 2,375 2,237 1,375 792	10,875 184 509 199 2,750 2,576 2,488 1,267 902	13.4 17.2 15.7 37.2 32.7 8.5 11.2 - 7.9 13.9	1,404 117 74 52 339 231 321 197 72	1,669 139 74 108 481 270 303 217	15.3 75.5 14.5 54.3 17.5 10.5 12.2 17.1 8.5	18.9 18.8 107.7 41.9 16.9 -5.6 10.2 6.9	252 37 8 3 45 50 61 26 22	329 37 7 2 95 90 54 26 18	3.0 20.1 1.4 1.0 3.5 3.5 2.2 2.1 2.0	-12.5 -33.3 111.1 80.0 -11.5
Onzioni	39,585 4,104 406 33,916 588 571	42,066 5,036 441 35,213 718 658	6.3 22.7 8.6 3.8 22.1 15.2	4,623 498 200 3,405 246 274	4,818 479 213 3,503 350 273	11.5 9.5 48.3 9.9 48.7 41.5	4.2 -3.8 6.5 2.9 42.3 4	760 81 16 515 24 124	787 70 20 537 25 135	1.9 1.4 4.5 1.5 3.5 20.5	3.6 13.6 25.0 4.3 4.2 8.9

sents zero. X Not applicable.

Small Business Administration, The State of Small Business: A Report of the President, annual. Data from Federal it Data Center, "Special Report J6374A," May 16, 1985.

No. 842. MERGERS AND ACQUISITIONS—HISTORICAL SUMMARY: 1965 TO 1986

ITEM	Unit	1965	1970	1980	1981	1982	1983	1984	1985	1986
Mergers and acquisitions, net <sup>1</sup>	Number Bil. dol Number	2,125 (NA) (NA)	5,152 16.4 10	1,889 44.3 94	2,395 82.6 113	2,346 53.8 116	2,533 73.1 138	2,543 122.2 200	3,001 179.8 270	3,336 173 1 346
Method of payment: Cash	Percent Percent Percent	30	29 52 16 3	47 31 21	42 34 23	38 29 31 2	32 35 33	43 26 30	51 23 26	42 32 26
Divestitures Acquisitions of publicly traded sellers Acquisitions of privately held sellers Foreign sellers, total Foreign buyers, total Average PF2 paid Average premium paid over market Cancelled transactions	Percent		1,401 (NA) (NA) (NA) (NA) 23.1 33.4 527	666 173 988 102 187 15.2 49.9 178	830 168 1,330 101 234 15.6 48.0 163	875 180 1,222 121 154 13.9 47.4 189	932 190 1,316 146 125 16.7 37.7 162	900 211 1,351 147 151 17.2 37.9 218	1,218 336 1,358 175 197 18.0 37.1 236	1,256 386 1,596 180 264 22 2 38 2

Represents zero. NA Not available. <sup>1</sup> Represents announcement. <sup>2</sup> A separate count for debt payments began in

## No. 843. MERGER AND ACQUISITION TRANSACTIONS—NUMBER AND VALUE, BY INDUSTRY: 1982 TO 1986

#### [Represents transactions for which valuation data are publicly reported]

1982 2,346 80 426 81	331	1984 2,543 102 251	3,001 86 381	1986 3,336 58 415	1982 53,755 9,166	73,081 12,076	1984 122,224 42,982	1985 179,768 23,160	1986 173,137 3,247
80 426	331	102	86	58	9,166				
426	331					12,076	42,982	23.160	3 247
426 81		251	381	ASE					
81					5,605	13,628	5,846	14,037	19,442
	67	66	67	94	5,718	2,966	3,006	2.694	5,413
31	18	12	16	14	355	2,946	347	356	145
31 52	74	58	82	101	3.075	1,164	7.095	11,838	4,707
14	13	18	14	20	3.974	2.745	6,983	16.302	15,307
			48	58		5 255			6,829
47			93			3 747			8,107
96	90								13,683
66	80			47					1,710
400				0.050					94.544
	40 47 86 56 433	40 36 47 60 86 90 56 63	40 36 36 47 60 83 86 90 130 56 63 86	40 36 36 48 47 60 83 93 86 90 130 136 56 63 86 49	40 36 36 48 58 47 60 83 93 123 86 90 130 136 147 56 63 86 49 47	40 36 36 48 58 1.074 47 60 83 93 123 787 86 90 130 136 147 1,948 56 63 86 49 47 861	40 36 36 48 58 1.074 5.255 47 60 83 93 123 787 3,747 86 90 130 136 147 1,948 1,489 56 63 86 49 47 861 1,455	40 36 36 48 58 1.074 5.255 1.252 47 60 83 93 123 787 3,747 1,918 86 90 130 136 147 1,948 1,489 6,673 56 63 86 49 47 861 1,455 1,460	40 36 36 48 58 1.074 5.255 1.252 2.877 47 60 83 93 123 787 3,747 1,918 15,013 86 90 130 136 147 1,948 1,489 6,673 10,030 56 63 86 49 47 861 1,455 1,460 579

Source of tables 842 and 843: W.T. Grimm & Co., Chicago, IL, Mergerstat Review, 1986. (Copyright.)

## NO. 844. WORKING CAPITAL OF NONFINANCIAL CORPORATIONS: 1975 TO 1985 [In billions of dollars, except ratios. As of December 31. Covers all nonfinancial U.S. corporations]

ITEM	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Current assets	756.3	823.1	900.9	1,028.1	1,200.9	1,281,6	1,374.5	1.425.4	1,557.3	1,703.0	1,778.5
Cash on hand and in banks 1	80.0	86.8	94.3	103.7	116.1	121.0	126.6	144.1	165.8	173.6	188.0
U.S. Government securities	19.6	26.0	18.7	17.8	15.6	17.3	19.2	22.4	30.6	36.2	32.3
Receivables, total 9	272.1	292.4	325.0	381.9	456.8	491.2	528.0	511.0	577.8	633.1	671.2
Inventories	314.7	341.4	375.6	428.3	501.7	525.4	560.2	575.2	599.3	656.9	663.9
Other current assets	69.9	76.4	87.3	96.3	110.7	126.7	140.5	172.7	183.7	203.2	223.2
Current liabilities	446.9	487.5	546.8	661.9	809.1	877.2	923.2	977.8	1.043.0	1,163.6	1,232.7
Payables	261.2	273.2	313.7	375.1	456.3	498.3	520.4	552.8	577.9	647.8	683.1
Other current liabilities	185.7	214.2	233.1	286.8	352.8	378.9	402.9	425.0	465.1	515.8	549.7
Net working capital	309.5	335.6	354.1	366.2	391.8	404.4	451.3	447.6	514.3	539.5	545.7
Liquidity ratio 3	.379	.368	.366	.329	.300	.302	.310	.347	.365	.355	.360
Current ratio 4	1.693	1.688	1.648	1.553	1.484	1,461	1.489	1,458	1.493	1,464	1.443

Source: Through 1981, U.S. Federal Trade Commission, thereafter, U.S. Bureau of the Ceneus. Published quarterly in Board of Governors of the Federal Reserve System, Federal Reserve Bulletin.

#### NO. 845. NONFINANCIAL CORPORATE BUSINESS-SECTOR BALANCE SHEET: 1970 TO 1986 [In billions of dollars. Represents year-end outstandings]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986, prel.
Total assets Tangible assets (current cost) Reproducible Land. Financial assets Liquid assets Liquid assets Demand deposits and currency Time deposits Consumer credit. Trade credit. Miscellaneous assets Total liabilities	823 112 370 69 44 5	2,209 1,652 1,487 164 558 125 54 22 16 256 160	2,676 2,004 1,803 201 672 143 59 29 19 311 198	3,075 2,311 2,076 235 764 159 58 31 21 367 217	3,507 2,618 2,352 267 889 178 60 36 22 437 251	3,983 2,988 2,671 318 994 196 63 40 22 486 290	4,424 3,362 2,993 370 1,061 214 58 55 24 509 314	4,582 3,505 3,107 399 1,077 248 65 65 24 493 311	4,839 3,645 3,220 425 1,194 303 69 82 28 555 308	5,160 3,876 3,413 463 1,285 324 74 92 31 602 327	5,407 4,030 3,536 494 1,376 340 78 99 35 637 365	5,604 4,138 3,609 529 1,466 389 82 112 36 643 399
Credit market instruments. Profit taxes payable. Trade debt Foreign direct investment in U.S	354 11 162 13 764	767 545 14 180 28 1,442	925 657 20 213 35 1,751	740 25 264 42 2,004	835 27 317 54 2,273	914 25 356 83 2,604	1,534 1,019 19 387 109 2,890	1,610 1,089 4 392 125 2,972	1,732 1,151 10 433 137 3,107	1,988 1,345 11 467 165 3,173	2,206 1,514 9 500 183 3,200	1,696 10 501 198 3,199

Source: Board of Governors of the Federal Reserve System, Balance Sheets for U.S. Economy.

#### No. 846. Corporation Income Tax Returns—Selected Balance Sheet, Income Statement, AND TAX ITEMS: 1970 TO 1984

n billions of dollars, except number of returns. Federal returns and active corporations only. All corporations are required to file returns except those specifically exempt. See source for changes in law affecting comparability of historical data. Based on samples; see Appendix III. See also Historical Statistics, Colonial Times to 1970, series Y 381-392]

ITEM	1970	1975	1978	1979	1980	1981	1982	1983	1984
Number of returns, total (1,000)	1,665	2,024	2,377	2,578	2,711	2,812	2,926	2,999	3,171
Number with net income (1,000)	1,008	1,226	1,524	1,599	1,597	1,597	1,608	1,676	1,778
Small Business Corporation returns (1,000)	257	358	479	519	545	541	564	648	701
BALANCE SHEET	110	50.2	1000	10.0	100	5.4		1.00	1
Assets, total	2,635	4,287	6,014	6,845	7,617	8,547	9,358	10,201	11,107
Depreciable assets	869	1,277	1,696	1,897	2,107	2,353	2,583	2,730	2,913
Notes and accounts receivable	615	1,052	1,589	1.817	1,985	2,240	2,420	2,677	2,897
Mortgage and real estate		548	762	841	894	934	942	982	1,127
Investments in Government obligations		316	404	421	472	515	606	685	726
Inventories		318	443	504	535	588	581	599	664
Cash	177	290	413	462	529	533	541	590	596
Land	19	67 39	80 45	85 58	93	102	110	119	128
Depletable assets		1000	1		72			350	1.000
Liabilities 1	2,635	4,287	6,014	6,835	7,617	8,547	9,358	10,201	11,107
Mortgages, notes, and bonds 1		587	780	885	987	1,058	1,224	1,323	1,494
Retained earnings 1	366	568	836	959	1,070	1,170	1,228	1,274	1,308
Paid-in or capital surplus		299	382	448	532	671	782	874	1,066
Capital stock		252	309	353	417	533 586	658	787	839
Mortgages, notes, and bonds *	171	272	381	452 483	505	620	667	760 671	867 741
Net worth		1,097	1,495	1,720	1,944	2,244	2,470	2,645	2,884
INCOME STATEMENT	1	2,000		7.75	1	-		(100	0.0
Receipts, total 1	1,751	3,199	4,715	5,616	6,361	7,026	7,024	7,135	7,861
Business receipts	1,621	2.962	4,354	5,153	5,732	6,245	6,157	6,335	6,948
Interest *	72	143	220	289	367	494	530	511	580
Rents and royalties	17	27	38	40	54	68	83	83	90
Deductions, total 1		3,053	4,467	5,332	6,125	6,814	6,869	6,945	7,629
Cost of sales and operations		2,130	3,113	3,722	4,205	4,509	4,271	4,308	4,693
Interest paid		129	192	262	345	477	515	475	536
Depreciation		86	121	138	157	186	213	241	265
Taxes paid	50	82	116	128	163	170	166	173	192
Compensation of officers	33	58	85	97	109	120	129	141	157
Rent paid on business property	24	41	56	64	72	82	95	105	119
Repairs	14	23	34	39	42	70 60	73 65	75	76
Advertising	18	27	41	34	52	46	52	72	82 65
Employee benefit programs  Pension, profit-sharing, stock bonus, and annuity plans	12	16	42	47	52	53	54	59 54	53
Net income (less deficit), total		143	247	285	239	214	154	188	233
Net income	84	169	275	322	297	301	274	297	349
Deficit	18	26	28	37	58	87	120	109	116
	10	2.0	20	91	30	0,	120	103	110
TAX ITEMS	72	147	240	280	247	240	205	219	257
Income subject to tax	33	66	107	119	104	101	85	92	108
Tax credits, total 1	5	26	44	54	42	44	40	40	44
Foreign tax credit		20	26	37	25	22	19	20	21
Investment credit		6	13	15	15	19	17	16	(NA)
Income tax after credits *	28	39	63	65	62	57	45	52	64

Not available. Includes items not shown separately. Psyable in one year or more. Approprised. Psyable in less than one year. Includes interest on Government obligations issued by U.S. Sovernments. Consists of normal tax, surfax and alternative tax for tax years 1970 through 1979 and beginn tax and alternative tax. Tax year 1970 includes surcharge of \$784 million.

Source: U.S. Internal Revenue Service, Statistics of Income, Corporations Income Tax Returns, annual.

No. 847. Corporation Income Tax Returns—Financial Summary by Industrial Division: 1970 to 1984

[in billions of dollars, except number of returns and percent change]

1970	1975	1979	1980	1981	1982	1983	1984
-	0.1	11 7.1			1.5		
37	56	83	81	85	91	92	98
11.9	21.2	38.0	40.7	46.1	50.4	50.3	50.7
7.9	14.3	26.0	29.3	32.5	36.3	36.7	36.4
					65.4	59.2	66.6
	27.4						66.4
60.1	.7	1.3	.7	.3	(-z)	2	- 4
14	P - 1	24	26	22	97	97	4
24.0						104 4	209.0
10.6		64.0	72.0			109.4	114.7
		122.5					123.5
							124.6
1.8	23.6	43.1	7.8	5.6	.5	-1.6	- 4
100	404	050	070	070	200	204	307
							195.3
							144.5
							338.6
							335.7
1.5	2.2	6.0	5.3	3.5	2.3	2.3	2.8
108	217	227	243	251	950	262	272
		1.528.6	1 709 5	1 933 7			2,417.6
	562.0	853.2			1 163 9		1,392.6
723.0		2 152 7			2 488 3	2 552 8	2,768.2
6925		2 032 1	2 290 6	2 500 1	2 423 3	2 460 3	2,661.2
31.8	68.4	130.4	125.7	116.8	75.8	95.3	121.2
			10000	100			
67	04	104	***	100	110	100	128
				007.0			1.084.9
		410.2					660.9
		410.3					725.6
							697.2
7.5	10.1	18.4	20.0	19.6	18.3	19.5	28.9
1 2.2	4.5	-	16.1	202		-	-
							899.0
				472.2		620.0	609.7
		1 752 7		2 020 6	20177	2 110 4	2,307.6
						2,119.4	2,367.0
							42.0
9.7	22.0	40.2	35.0	33.3	20,4	35.3	42.0
	- 552	72.7	5	/	1.5	144	
							497
							5,939.0
							5,037.2
							1,033.1
							985.7
12.2	11.7	37.0	33.1	26.3	21.8	31.7	32.7
281	436	603	671	753	820	848	899
							307.5
	63.7						223.1
			270.0				490.3
			271.8				485.0
1.2	3.4	8.3	8.2	8.2	7.2	6.0	5.5
	1			100			
100	100	43.7	1.5	-53	100	100	1.55
17.7	10.5	28.8	-2.4	24.9	.5	-9.4	126
9.3	1.7	40.0	33.3	13.3			-6.7
8.0	7.2	16.7	5.7	4.9	.6	3.2	16.4
1.8	(-z)	17.2	11.7	8.7	-4.8	2.6	8.4
8.2	9.6	19.6	17.5	14.3	5.6	4.0	10.3
2.8	5.0	19.9	11.6	4.3	-1.1	5.0	8.9
7.9	4.2	18.2	24.3	25.9	8.2	-5.0 9.4	14.4
	37 11.9 17.9 14.3 14.2 60.1 14.3 12.0 10.6 10.6 17.7 15.9 90.6 89.1 1.5 199 90.6 89.1 1.5 199 90.6 90.1 1.5 199 90.6 12.9 90.0 90.1 10.5 10.9 10.9 10.9 10.9 10.9 10.9 10.9 10.9	37 56 11.9 21.2 7.9 14.3 14.3 28.1 14.2 27.4 80.1 7.7 10.6 31.7 17.7 66.9 15.9 42.3 1.8 23.6 139 191 42.7 76.7 30.9 57.7 30.9 57.7 30.9 57.7 30.9 144.0 89.1 144.0 89.1 144.0 89.1 129 198 217 612.9 944.6 80.5 266.8 136.5 243.5 127.7 318.8 616 122 323.8 1512 261 166.8 268.0 12.2 315.8 161.8 268.0 12.2 315.8 161.8 268.0 12.2 315.8	37 56 83 11.9 21.2 38.0 7.9 14.3 26.0 14.3 28.1 53.3 14.2 27.4 52.1 80.1 7 1.3 14 14 24 24.0 64.5 115.5 10.6 31.7 64.0 17.7 65.9 122.5 15.9 42.3 88.6 1.8 23.6 43.1 139 191 250 42.7 76.7 123.3 88.6 1.8 23.6 43.1 139 191 250 42.7 76.7 22.3 90.6 147.0 252.9 89.1 144.7 247.0 1.5 22 6.0 198 217 23.7 90.6 147.0 252.9 89.1 144.7 247.0 1.5 22 6.0 198 217 23.7 612.9 944.6 552.0 853.2 723.0 1,296.4 52.152.7 692.5 1,230.7 2,032.1 31.8 68.4 130.4  67 81 104 287.7 44.3.2 674.5 186.5 266.8 410.3 135.5 243.5 442.8 122 33.4 427.8 7.5 10.1 18.4 518 615 773 115.2 260.8 376.7 512.9 947.5 1,713.7 9.7 22.5 40.2  406 412 471 1,401.2 2,322.0 3,626.9 1,296.4 17.7 37.0 281 436 603 61.9 90.5 154.0 12.2 11.7 37.0 281 436 603 61.9 90.5 154.0 12.2 31.8 68.4 12.3 11.7 10.5 28.8 9.3 1.7 40.0 8.0 7.2 11.7 10.5 28.8 9.3 1.7 40.0 8.0 7.2 11.7 10.5 28.8 9.3 1.7 40.0 8.0 7.2 11.7 10.5 28.8	37 56 83 81 11.9 21.2 38.0 40.7 7.9 14.3 26.0 29.3 14.3 28.1 53.3 52.1 14.2 27.4 52.1 51.4 60.1 7 1.3 7 14 14 24 26 10.6 31.7 64.0 72.9 17.7 65.9 132.5 176.7 15.9 42.3 89.6 169.1 18 23.5 43.1 169.1 199 191 250 272 42.7 76.7 123.3 132.9 90.6 147.0 252.9 267.2 89.1 144.7 247.0 262.1 1.5 22 6.0 5.3 198 94.6 1,528.6 19.1 1.5 22 6.0 5.3 198 94.6 1,528.6 29.2 60.2 53.3 198 94.6 1,528.6 29.2 10.1 296.4 2,152.7 2,404.3 602.5 1,230.7 2,032.1 2,290.6 31.8 68.4 130.4 125.7 67 81 104 111 287.7 443.2 674.5 758.4 467.7 135.5 243.5 446.0 523.8 127.9 233.4 427.8 504.0 125.7 10.1 18.4 20.0 518 615 773 800.9 467.7 125.7 56.4 427.8 504.0 192.2 323.5 573.3 640.9 152.2 260.9 1152.2 260.8 512.9 1152.2 260.8 512.9 1152.2 260.8 512.9 1152.2 260.8 513.3 800.9 1152.2 260.8 376.7 523.6 440.0 523.8 127.9 233.4 427.8 504.0 125.7 19.1 18.4 20.0 116.6 523.8 127.9 233.4 427.8 504.0 125.7 19.1 18.4 20.0 116.6 126.0 116.0	37 56 83 81 85 85 11.9 26.0 29.3 32.5 14.3 28.1 53.3 52.1 65.1 43.2 28.1 53.3 52.1 65.1 60.1 7 13 7 .3 3 14.2 27.4 52.1 51.4 94.7 3.1 14.2 27.4 52.1 51.4 94.7 3.3 14.2 27.4 52.1 51.5 126.9 168.9 10.6 31.7 64.0 72.9 98.4 17.7 65.9 132.5 176.7 200.2 15.9 42.3 88.6 169.1 195.0 18.8 23.6 43.1 7.8 5.6 189.1 195.0 18.8 23.6 43.1 7.8 5.6 189.1 195.0 272 276 15.9 42.3 88.6 169.1 195.0 272 276 15.9 42.3 88.6 169.1 195.0 18.8 23.6 43.1 7.8 5.6 189.1 195.0 272 276 12.3 12.9 150.8 13.7 90.6 147.0 252.9 267.2 280.2 276.7 1.5 22 6.0 5.3 3.5 192.9 19.8 21.5 22 6.0 5.3 3.5 192.9 19.8 13.7 247.0 262.1 276.7 3.5 19.8 21.5 22 6.0 5.3 3.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19	37 56 83 81 85 91 11.9 21.2 38.0 40.7 46.1 50.4 7.9 14.3 26.0 29.3 32.5 36.3 14.3 28.1 53.3 52.1 65.1 65.4 60.1 7 1.3 7 3 (-z) 14 14 24 26 33 37.7 16.6 31.7 64.0 72.9 98.4 112.5 17.7 65.9 132.5 176.7 200.2 203.1 18 23.6 43.1 7.8 5.6 5.5 139 191 250 272 276 282.1 139 191 250 272 276 282.1 14.7 67.7 123.3 132.9 150.8 153.1 139 191 250 272 276 282.2 142.7 76.7 123.3 132.9 150.8 153.1 139 191 250 272 276 282.2 142.7 76.7 123.3 132.9 150.8 153.1 139 191 250 272 276 282.2 11.5 22 6.0 5.3 3.5 2.3 188 21.6 147.0 252.9 267.2 280.2 281.7 1.5 22 6.0 5.3 3.5 2.3 188 21.6 1.526.6 1.709.5 1.933.7 2.3 188 21.7 247.0 262.1 276.7 279.6 304.0 562.0 853.2 960.3 1.085.5 1.63.8 68.4 130.4 125.7 1.68.8 153.1 68.5 1.230.7 2.032.1 2.280.6 2.509.1 2.423.3 31.8 68.4 130.4 125.7 1.68.8 55.6 127.9 244.6 1.526.6 1.709.5 1.933.7 2.600.7 129.6 4 2.152.7 2.404.3 2.613.5 2.488.3 128.7 443.2 674.5 756.4 837.3 919.9 128.7 129.4 427.8 504.0 579.2 614.4 130.4 125.7 116.8 75.8 129 233.4 427.8 504.0 579.2 614.4 152.2 232.5 573.3 646.9 579.2 614.4 152.2 232.5 573.3 646.9 579.2 614.4 152.2 232.5 573.3 646.9 708.1 753.4 152.2 260.8 376.7 424.6 472.3 501.9 152.2 323.5 573.3 646.9 708.1 753.4 152.2 260.8 376.7 424.6 472.3 501.9 152.2 323.5 573.3 646.9 708.1 753.4 152.2 260.8 376.7 424.6 472.3 501.9 152.2 323.5 573.3 646.9 708.1 753.4 152.2 260.8 376.7 424.6 472.3 501.9 152.2 323.5 573.3 646.9 708.1 753.4 166.6 412 471 493 470 482 1,401.2 2,322.0 3,826.9 4,022.2 4,486.2 4,987.5 127.9 233.4 427.8 504.0 579.2 614.4 17.7 10.5 28.8 24.4 27.8 504.0 579.2 614.4 17.7 17.7 3.15.8 60.3 671 753 820 61.9 90.5 154.0 178.2 213.7 170.1 17.7 10.5 28.8 22.4 24.9 5.9 17.7 10.5 28.8 22.4 24.9 5.9 17.7 10.5 28.8 22.4 24.9 5.9 17.7 10.5 28.8 22.4 24.9 5.9 17.7 10.5 28.8 22.4 24.9 5.9 17.7 10.5 28.8 22.4 24.9 5.9 17.7 10.5 28.8 22.4 24.9 5.9 17.7 10.5 28.8 22.4 24.9 5.9 17.7 10.5 28.8 22.4 24.9 5.9 17.7 10.5 28.8 22.4 24.9 5.9 17.7 10.5 28.8 22.4 24.9 5.9 17.7 10.5 28.8 22.4 24.9 5.9 17.7 10.5 28.8 22.4 24.9 5.9 17.7 10.5 28.8 22.4 24.9 5.9 17.7 17.7 10.5 28.8 22.4 24.9 5.9 1	37 56 83 81 85 91 92 11.9 21.2 38.0 40.7 46.1 50.4 50.3 7.9 14.3 26.0 29.3 32.5 36.3 36.7 14.3 28.1 53.3 52.1 65.1 65.4 59.2 14.2 27.4 52.1 51.4 64.7 65.4 59.4 60.1 .7 1.3 7. 3 (-z) -2  14 14 24 26 33 37 37 24.0 64.5 115.5 126.9 168.9 192.4 194.4 10.6 31.7 64.0 72.9 98.4 112.5 108.6 117.7 65.9 132.5 176.7 200.2 203.1 132.4 118. 23.5 43.1 7.8 5.6 .5 -1.6 139 191 250 272 276 282 284 42.7 76.7 123.3 132.9 150.8 153.1 161.4 30.9 57.7 93.8 100.1 113.7 114.2 119.8 90.6 147.0 252.9 267.2 280.2 281.7 290.8 89.1 144.7 247.0 282.1 276.7 279.6 288.6 11.5 22 6.0 5.3 3.5 2.3 188 217 237 249 251 259 262 11.5 22 6.0 5.3 3.5 2.3 188 217 237 249 251 259 262 128.3 1.286.4 130.4 125.7 116.8 15.3 1279.9 612.9 944.8 1,528.6 1,709.5 1,933.7 2,060.7 2,233.0 1,296.4 2,152.7 2,404.3 2,613.5 2,483.3 5,528.8 62.5 1,230.7 2,032.1 2,290.6 2,509.1 2,423.3 2,466.3 31.6 64.1 104 111 109 115 123 267.7 443.2 674.5 755.4 837.3 919.9 999.9 185.2 243.5 446.0 523.8 598.5 32.3 652.8 657.4 579.6 504.5 127.9 233.4 427.8 504.0 579.2 614.4 638.2 127.9 233.4 427.8 504.0 579.2 614.4 638.2 127.9 233.4 427.8 504.0 579.2 614.4 638.2 117.9 233.4 427.8 504.0 579.2 614.4 638.2 117.7 3.3 15.8 651.1 687.5 649.9 17.7 3.8 30.9 17.7 2.06.1 17.7 3.3 16.8 68.4 12.0 3,626.9 4,022.2 4,486.2 4,967.5 5,487.2 11.7 3.7 3.3 1.8 68.4 12.7 3.3 8.0 81.7 84.9 99.0 1.7 62.7 1,955.5 1,936.8 201.7 2119.4 243.1 16.6 243.8 10.5 11.6 1.8 10.5 11.6 1.8 10.5 11.6 1.8 10.5 11.6 1.8 10.5 11.6 1.8 10.5 11.6 11.5 11.5 11.5 11.5 11.5 11.5 11

Z Less than half the measure.

Source: U.S. Internal Revenue Service, Statistics of Income, Corporations Income Tax Returns, annual.

Liabilities does not include net worth.

## L ACTIVE CORPORATIONS—INCOME TAX RETURNS, BY ASSET SIZE-CLASS, AND BY INDUSTRY, 1984

s of dollars, except returns and percents. Detail may not add to total because of rounding and the exclusion of data at disclosure of individual tempsyer's identity. See table 846. See also *Historical Statistics, Colonial Times to 1970*, series 13 and V 193-196]

		ł		ASSET SE	ZE-CLASS		
INDUSTRY AND ITEM	Total	Under 10 mil. dol. <sup>1</sup>	10-24.9 mil. dol.	25-49.9 mil. dol.	50-99.9 mil. dol.	100- 249.9 mil. dol.	250 mil. dol. and over
torestry, and fishing returns	98,366 50,700 66,645 66,436 202	98,032 38,682 48,385 48,562 -208	220 3,246 3,791 3,781 29	61 2,075 2,451 2,461 10	31 2,367 4,310 4,234 76	10 1,423 2,115 2,063 62	5,612 5,612 5,365 251
rre r liabilities re me (lees lees)	123,499	39,453 20,714 26,519 27,075 -556	509 9,067 6,009 6,400 -366	250 8,716 7,447 7,657 216	131 9,063 4,708 5,180 -373	79 15,522 9,723 9,827 –104	62 145,934 69,003 66,466 1,257
in returns	338,566 335,696	305,176 101,538 245,844 243,215 2,800	1,209 18,079 26,062 263 178	325 11,166 16,540 162 208	107 7,578 7,586 7,436 124	53 8,540 11,102 11,773 -71	36 48,373 31,452 31, <b>66</b> 6 — 132
ing returns r liabilities	2.768.248	263,296 171,589 411,493 402,978 8,487	4,774 73,664 130,817 126,772 4,029	1,803 62,869 98,173 94,430 3,747	860 62,425 92,108 66,093 4,063	594 108,412 145,580 139,627 6,160	710 1,938,651 1,886,413 1,197,652 94,873
tion and public utilities returns r liabilities	1,084,873 725,631 697,240	126,532 41,626 90,731 90,249 491	798 12,308 18,347 15,988 357	316 11,354 11,859 11,398 454	119 8,896 9,926 5,445 433	120 24,120 19,872 9,538 950	296 986,571 576,896 296,897 31,604
and retail trade returns	896,524 1,374,028 2,307,612 2,265,843 42,011	926 815,912 1,213,201 1,198,626 14,435	4,219 63,366 182,123 178,277 3,652	1,233 43,184 108,501 106,241 2,255	467 33,866 83,290 81,325 1,973	332 56,502 133,848 130,084 3,754	243 361,216 586,652 571,279 15,742
eurance, and reel estate returns r liabilities ne	5,938,965 1,033,139	475,583 173,540 123,215 120,076 2,765	7,541 122,760 27,011 25,510 1,151	5,542 196,346 40,448 36,509 1,216	4,013 260,898 42,474 40,457 970	2,478 378,237 60,220 57,028 2,075	2,193 4,785,104 739,771 704,087 24,514
furne r Babilities  rs me (less ices)	307,895 490,332 464,989	986,931 139,291 333,716 336,170 4,140	1,432 22,410 27,197 26,898 308	517 18,013 21,064 20,757 312	235 17,215 17,708 17,383 2	159 24,837 24,710 24,588 40	96 88,129 60,319 60,193
PERCENT DISTRIBUTION							
re, forestry, and fishing	100.0 100.0 100.0 100.0 100.0	72.6 21.5 72.6 14.9 12.5 52.6 11.9 68.6	5.7 4.9 7.7 4.7 2.3 7.9 2.6 5.6	3.7 6.0 4.9 3.6 1.6 4.7 3.9 4.3	6.5 3.9 2.2 3.3 1.4 3.6 4.1 3.7	3.2 7.9 3.3 5.3 2.7 5.8 5.6 5.1	8.4 55.6 9.5 68.2 79.5 25.4 71.6 12.4
re, forestry, and fishing	100.0 100.0	73.1 21.7 82.6 19.7 21.0 52.9 12.2 69.1	5.7 5.1 .1 6.2 3.7 7.9 2.6 5.5	3.7 6.1 .1 4.6 2.7 4.7 3.9 4.3	6.4 4.1 2.5 4.3 1.3 3.6 4.1 3.6	3.1 7.9 4.0 6.8 2.2 5.7 5.8 5.1	8.: 55.0 10.0 58.0 69.: 25.3 71.4 12.4

s returns with zero assets.

U.S. Internal Revenue Service, Statistics of Income, Corporation Income Tax Return, annual.

## No. 849. Fixed Nonresidential Private Capital Valued in Current and Constant (1982) Dollars: 1970 to 1986

[In billions of dollars. Stocks as of Dec. 31; depreciation over entire calendar year. Data refer to privately owned assets and are based on the fixed capital formation components of the gross national product. Excludes residential capital and government enterprises; includes nonprofit institutions. Gross stocks allow for retirement; as tooks allow for retirement and depreciation. Net stock and depreciation estimates are based on the straight-line depreciation formula]

-		CUR	RENT DOL	LARS			CONSTAN	T (1982)	DOLLARS	
ITEM	1970	1975	1980	1985	1986	1970	1975	1980	1985	1986
All industries:				11.00	-	150	1	-	100	de.
Gross stocks	1,453.4	2,661.7	4,844.4	6,698.3	7,004.2	3,737.8	4,513.3	5,420.0	6,340.4	6,529.7
Equipment	679.3	1,252.2	2,353.3	3,282.7	3,439.0	1,620.0	2,084.4	2,651.1	3,146.8	3,271.5
Structures	774.1	1,409.5	2,491.1	3,415.6	3,565.1	2,117.8	2,428.8	2,768.9	3,193.6	3,257.8
Net stocks	865.1	1,571.0	2,807.4	3,766.7	3,922.3	2,212.2	2,654.6	3,137.7	3,569.1	3,657.1
Equipment	395.0	718.7	1,336.8	1,794.4	1,876.7	939.8	1,192.7	1,505.5	1,731.2	1,798.6
Structures	470.2	852.3	1,470.6	1,972.3	2,045.6	1,272.4	1,461.9	1,632.2	1,837.9	1,858.5
Depreciation	68.4	125.4	233.9	341.2	355.9	174.7	220.4	277.8	337.0	351.5
Equipment	46.7	84.7	159.4	234.2	245.1	109.7	145.5	188.8	229.4	241.4
Structures	21.7	40.7	74.5	107.0	110.8	65.1	74.9	89.0	107.6	110.1
Manufacturing:	1	7.00	7.000	224142	3333	10000			100000	0.5127
Gross stocks	340.6	601.0	1,108.1	1,498.1	1.557.0	856.8	1.023.9	1,236.4	1,392.8	1,417.7
Equipment	218.1	391.7	741.5	998.0	1.035.2	540.4	664.4	832.0	954.1	975.7
Structures	122.5	209.3	366.6	500.0	521.8	316.4	359.5	404.4	438.6	441.9
Net stocks	203.8	351.3	633.9	812.2	835.4	513.3	597.2	707.2	757.3	763.2
Equipment	126.8	226.3	424.9	542.1	557.5	314.3	382.5	476.6	520.3	527.8
Structures	77.0	125.0	209.0	270.1	277.9	199.0	214.7	230.6	237.0	235.4
Depreciation	16.5	28.7	53.1	74.6	77.4	40.8	49.8	62.0	72.1	74.3
Equipment	12.7	22.0	41.8	58.8	60.9	30.6	38.1	48.9	58.0	60.1
Structures	3.8	6.7	11.3	15.9	16.5	10.2	11.7	13.1	14.1	14.3

Source: U.S. Bureau of Economic Analysis, Survey of Current Business, August 1967.

## NO. 850. FIXED NONRESIDENTIAL BUSINESS CAPITAL—AVERAGE AGE OF GROSS STOCKS, USING CONSTANT (1982) COST VALUATION: 1970 TO 1986

#### [Age in years. As of Dec. 31. See headnote, table 849]

ITEM	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
All industries: Gross stocks	11.8	11.4	11.4	11.3	11.2	11.2	11.3	11.4	11.4	11.4	11.4
Equipment	7.5	7.5	7.5	7.4	7.4	7.4	7.6	7.6	7.6	7.6	7.6
Structures	15.1	14.8	15.0	15.0	14.9	14.9	14.9	15.0	15.0	15.1	15.2
Manufacturing: Gross stocks	9.7	10.0	10.2	10.2	10.2	10.2	10.3	10.5	10.7	10.7	10.9
Equipment	8.4	8.5	8.5	8.4	8.4	8.4	8.5	8.7	8.8	8.9	8.9
Structures	11.9	12.9	13.5	13.6	13.8	13.9	14.1	14.4	14.6	14.8	15.1
Nonfarm nonmig.: Gross stocks	12.6	12.0	11.9	11.8	11.7	11.6	11.7	11.7	11.6	11.5	11.5
Equipment	7.2	7.2	7.1	7.0	7.1	7.1	7.2	7.2	7.1	7.0	6.9
Structures	15.7	15.1	15.2	15.2	15.1	15.0	15.0	15.0	15.0	15.0	15.1
Farm: Gross stocks	9.9	9.7	9.7	9.7	9.9	10.2	10.6	11.1	11.5	12.0	12.6
Equipment	5.7	5.6	5.8	5.8	6.0	6.2	6.5	6.8	7.1	7.5	7.7
Structures	15.1	15,1	14.9	14.9	15.0	15.2	15.6	16.0	16.4	17.0	17.5

Source: U.S. Bureau of Economic Analysis, Survey of Current Business, January 1987.

## No. 851. GROSS PRIVATE DOMESTIC INVESTMENT: 1970 TO 1986 [In billions of dollars]

			CURRENT	DOLLARS				co	MSTANT (1	<b>962)</b> DOLL	ARS	
	Gross	private do	mestic inve	stment	Lees:	Equals:	Gross	private do	mestic inve	stment	Lees	Equals Not
YEAR	Total <sup>1</sup>	Fixed invest- ment	Nonres- idential	Resi- dential	capital con- sumption allow- ances <sup>2</sup>	private domes- tic invest- ment	Total <sup>1</sup>	Fixed invest- ment	Nonres- idential	Resi- dential	capital con- sumption allow- ances <sup>3</sup>	private domes fic invest ment
1970 1975 1976 1976 1978 1979 1980 1981 1982	219.6 277.7 344.1 416.8 454.8 437.0 515.5 447.3 502.3	145.7 225.2 281.7 322.8 388.2 441.9 445.3 491.5 471.8 509.4	105.2 162.9 160.0 214.2 259.0 302.8 322.6 369.2 366.7 356.9	40.5 62.3 81.7 108.6 129.2 139.1 122.5 122.3 105.1 152.5	88.8 161.8 179.2 201.5 229.9 265.8 303.8 347.8 363.2 396.6	60.0 57.8 96.4 142.5 188.9 189.1 133.1 167.7 64.1	381.5 383.3 453.5 521.3 578.9 575.2 509.3 545.5 447.3 504.0	373.3 396.1 431.4 492.2 540.2 580.2 518.2 521.7 471.8 510.4	264.0 281.2 290.6 324.0 362.1 389.4 379.2 395.2 366.7 351.2	109.3 114.9 140.8 188.1 178.0 170.8 137.0 126.5 105.1 149.3	229.8 287.0 297.3 309.8 323.7 341.3 356.1 369.7 363.2 394.4	151. 96. 156. 211. 283. 234. 153. 178. 64.
964 965 968		597.1 631.6 655.2	416.0 442.6 436.9	181.1 189.0 218.3	415.5 437.6 456.7	249.4 204.0 214.3	656.4 636.1 654.0	596.1 626.7 640.2	425.2 454.1 443.8	170.9 174.6 198.4	407.2 428.3 442.0	251. 209. 212.

<sup>\*</sup> Includes change in inventories, not shown separately. \* With capital consumption adjustment.

Source: U.S. Bureau of Economic Analysis, The National Income and Product Accounts of the United States, 1829-82, and Survey of Current Business, July 1967.

## No. 852. GROSS STOCK OF FIXED PRIVATE CAPITAL, NONRESIDENTIAL AND RESIDENTIAL, BY INDUSTRY: 1980 TO 1986

[In billions of dollars. Estimates as of the end of the year]

INDUSTRY		CURRENT	DOLLARS		CO	NSTANT (1	982) DOLL	ARS
mbosin;	1980	1984	1985	1986	1980	1984	1985	1986
Fixed private capital	8,942.8	11,565.9	12,103.2	12,798.4	9,813.2	10,903.8	11,246.8	11,585.
Ionresidential	4,844.4	6,432.9	6,698.3	7,004.2	5,420.0	6,127.5	6,340.4	6,529.
Agriculture, forestry and fisheries	319.2	386.5	384.5	381.0	357.4	351.8	343.8	334.
Farms	295.2	354.8	351.2	346.8	330.6	321.7	312.9	303.
Agr. serv., forestry, and fisheries	358.0	31.8 444.6	33.3 447.2	34.2 428.5	26.7 441.2	30.1 537.4	30.9 549.2	31. 542.
Metal mining	26.4	34.5	35.1	35.4	30.0	32.0	32.0	31.
Coal mining	31.7	45.6	46.4	46.6	36.5	43.7	43.7	43.
Oil and gas extraction	282.5	342.3	343.6	324.7	354.8	441.0	453.1	448.
		22.2	22.1	21.8	19.9	20.7	20.3	19.
Construction	100.3	110.3	109.3	110.0	113.1	103.0	100.5	98.
Manufacturing	1,108.1	1,444.0 790.2	1,498.1	1,557.0 856.0	1,236.4 674.1	1,360.2 750.1	1,392.8 772.9	1,417.
Lumber and wood products	28.8	33.7	34.2	35.1	32.2	31.1	30.7	30
Furniture and fixtures	8.9	11.4	12.0	12.8	9.9	10.6	11.0	11.
Stone, clay, glass products Primary metal industries	47.4	55.6	56.1	56.8	52.7	52.9	52.9	52
Primary metal industries	141.8	173.2	175.9	178.3	159.1	162.8	162.4	161.
Fabricated metal products Machinery, exc. electrical Elec. and elec. equipment	68.6	87.6	91.5	95.9	76.3	82.9	84.9	87.
Flor and alor equipment	94.9	130.9	135.8 119.5	141.5 128.6	105.0	128.1 103.8	134.4 112.1	139
Motor vehicles and equipment	72.5	88.2	91.6	94.6	78.8 80.5	84.3	86.0	87
Other tracen equipment	40.3	56.1	60.0	64.2	44.9	52.7	55.8	58
Instruments, related products	199	28.8	30.9	33.0	22.0	27.4	29.3	30
Misc. mfg. industries	11.6	14.4	14.7	15.3	12.9	13.5	13.5	13.
Nondurable goods	503.2	653.8	675.8	701.0	562.3	610.1	619.8	626
Tobacco manufacturers	100.4	129.5 8.8	134,4	140.0	112.0	120.1	122.0	123
Textile mill products	33.9	40.6	41.5	42.3	38.0	37.3	37.1	36
Apparel; other textile products	11.1	13.4	13.5	13.7	12.4	12.5	12.3	12
Apparel; other textile products	68.5	90.6	94.7	99.5	77.2	84.8	87.3	89
Printing and publishing Chemicals, allied products	35.7	48.7	52.0	56.2	39.7	45.6	48.1	50
Chemicals, allied products	141.9	179.8	183.3	188.3	158.6	168.9	169.9	170
Petroleum and coal products	68.6	95.9 43.3	98.2 45.4	100.0 47.5	76.3 39.2	89.0 40.6	89.6 41.7	88
Leather and leather products	27	3.2	3.2	3.3	3.0	3.0	3.0	2
Leather and leather products  Transportation and public utilities	1,464.5	1,887.4	1,939.2	2,012.8	1,621.9	1,755.3	1,795.5	1,832
		575.7	584.8	583.7	551.1	546.2	541.1	535.
Hailroad transportation	237.6	249.4	254.9	248.6	258.3	236.9	232.1	226
Local, interurban pass, transit	9.3	9.6 100.8	9.6	9.7	10.2	9.0	8.8	93
Trucking and warehousing	75.7	66.0	104.7 66.3	107.8 67.3	84.7 57.3	92.7 63.7	93.3 63.8	63
Transportation by air	60.4	76.1	74.4	75.4	69.1	72.6	71.6	71
Pipelines, exc. natural gas	34.8	38.0	38.5	38.7	36.8	36.8	36.9	36
Transportation services	32.4	35.8	36.4	36.3	34.9	34.4	34.5	34
Communication		539.1	550.7	591.4	392.2	476.4	497.9	520
Telephone and telegraph	327.2	510.1	519.9	558.5 32.9	370.3	450.2	470.5	491
Elec., gas and sanitary services	616.8	28.9 772.6	30.7 803.8	837.8	21.8 678.6	26.3 732.7	27.4 756.5	777
Electric services	467.9	601.4	627.6	657.7	521.0	567.2	588.5	606
Gas services	132.2	151.2	154.4	157.0	140.5	146.2	147.7	149
Sanitary services	16.7	20.1	21.7	23.0	17.2	19.3	20.3	21
Wholesale trade	152.3	228.0	248.2	272.4	167.5	220.2	241.9	263
Retail trade Finance, insurance, real estate	258.1	370.8	399.1	1,199.7	265.1	339.6 962.1	357.9 1,030.9	1,103
Ranking	78 3	1,031.6	1,106.7	149.1	789.2 86.3	121.0	137.3	155
Credit agencies other than banks	59.9	87.4	94.2	102.9	65.5	85.9	95.0	104
Security, commodity brokers, and services	2.9	4.8	5.5	6.5	3.2	5.0	6.2	7
Insurance carners	16.9	26.2	32.0	41.3	18.3	27.3	37.1	50
IIIS. agents prokers, and services	4.3	5.3	5.2	5.4	4.6	5.4	5.5	5
Real estate	546.4	773.1 12.6	822.6	877.3 17.2	603.3	704.6	733.8	759 20
Services		529.8	14.4 566.0	610.5	7.9 408.2	497.9	527.9	558
Hotels, other lodging places	63.2	93.6	102.1	111.9	69.8	84.9	90.8	96
Personal services	21.3	25.9	26.5	27.3	23.5	24.1	24.1	24
Business services	82.7	126.9	134.8	146.1	92.3	124.0	134.2	144
Auto repair, serv., garages	61.5	90.4	98.0	107.1	68,7	85.3	90.5	96
Misc. repair services		13.0	13.7	14.4	11.0	12.3	12.7	13
Motion pictures	30.1	10.7	40.9	11.7	9.3	10.4 36.4	10.8 37.8	38
Other services		130.3	138.9	149.0	100.0	120.7	127.0	133
Health services	496	79.2	85.7	92.7	55.1	73.3	78.1	82
Legal services  Educational services	6.5	9.0	10.0	11.2	7.1	8.4	9.4	10
Educational services	2.3	2.6	2.6	2.8	2.5	2.7	2.9	3
Other 1	32.1	39.5	40.6	42.3	35.3	36.2	36.7 4,906.4	5,055
Farms	127.4	5,133.0 143.5	5,404.9 145.5	5,794.3	4,393.1 137.3	4,776.2 133.1	131.8	130
	3,971.0	4,989.4	5,259.4	1 (90.)	4,255.8	4,643.1	101.0	4,925

Includes social services, membership organizations, and miscellaneous professional services.

Source: U.S. Bureau of Economic Analysis, Survey of Current Business, August 1987.

#### No. 853. Business Expenditures for New Plant and Equipment: 1970 to 1987

In billions of dollars. Based on sample and subject to sampling variability; see text, section 17. Represents expenditures for new facilities and for expansion or replacement of existing facilities that are chargeable to fixed asset accounts and for which depreciation or amortization accounts are ordinarily maintained. Excludes expenditures for land and mineral rights; maintenance and repair; used plant and equipment, including that purchased or acquired through mergers or acquisitions; assets located in foreign countries; residential structures; etc. They also differ from the nonresidential fixed investment data in type of detail, data sources, coverage, and timing. For further information, see the February 1985 Survey of Current Business]

1970	1975	1979	1980	1981	1982	1983	1984	1985	1986	1987
		14 14			5 T		1 10			
91.9	142.4	255.0	282.8	315.2	310.6	304.8	354.4	387.1	379.3	390.9
37.0	53.7	95.9	1123	126.5	120.7	116.2	138.8	159.5	142 7	145.9
19.8										70
3.2	5.4		6.8		6.9	6.0	7.1	7.8		8.5
4.0							3.4			3.
3.5								15.5		15.
3.8	4.9	10.2	11.4	13.7	13.4	13.5	15.4	16.0	13.6	13.
4.6	5.5	13.0	15.0	15.4	12.6	11.3	16.2	19.5	18.9	17.
3.0	3.3	8.3	9.0	9.8	7.8	7.3	11.2	14.6	14.0	12
.9	1.2			3.4	3.4		3.6		3.8	3.
1.1	1.7	4.0	4.0	3.4	2.9	2.8	3.1	3.4	3.1	3.4
17.2	28.3	47.4	57.0	66.7	65.3	63.1	72.6	80.2	73.6	75.
3.3	4.4	7.3				7.8	8.8			11.
		5.2			5.6		7.2			8.
			11.6	13.1			15.3	16.4		16.
										17.
.9	1.2	2.5	2.0	2.2	2.2	2.5	3.1	3.9	3.9	3.
54.9	88.8	159.0	170.5	188.7	189.9	188.6	215.6	233.7	236.5	245
2.0	6.1	12.8	16.0	21.4	20.0	15.2	16.9	15.9	11.2	10.
13.0	20.2	35.6	37.7	41.2	45.4	45.0	47.5	48.8	46.4	45.
7.2	9.9	16.0	16.6	15.8	14.8	14.0	16.5	18.0	18.8	19.
										169.5
8.8	14.8			30.2	30.4	37.0	44.9	50.8	55.4	(NA
										(NA
			25.6		25.9					(NA
10.4	12.9	22.5	24.9	26.9	26.1	24.0	27.2	32.0	32.9	(NA
			40.54						2000	
106.1									427.0	441.6
37.0									142.7	144.9
69.2	108.9	189.0						278.5	284.3	296.7
14.2	20.2	30.0	31.7			38.6		44.8	47.8	245.9
7		200		2,00				1.00	71.5	
1242	44.4	200	122.24	2000	2.24	2420	1			
	246.1	327.1	332.7	337.1	310.6	307.0	355.4	386.3	374.2	384.6
97.2	97.7	125.5	133.9	136.1	120.7	119.7		158.1	144.9	147.6
48.5	43.8		64.4	63.6			65.8			70.3
8.3	9.6									(NA
3.0		4.1								(NA
8.0	5.0									(NA
9,1										(NA (NA (NA (NA
11.6	9.8		17.6			11.5				(NA
7.5	5.9				7.8	7.3		14.5		(NA
2.2	2.1	3.5 5.2	4.2	3.6	2.9	2.8	3.8	3.7	3.0	(NA (NA (NA
1000000		1000	100	3.6	100	1.7.7		53.3	0.5.5	10.7
48.7										77.3
8.2	7.5		9,5		8.7	7.7	8.6			(NA
4.5										(NA
8.8								16.5		INA
18.4	20,6	22.3	25.9 2.4	29.2	26.4	26.8	31.4	32.9	22.1 3.8	(NA
2.3				-	-	1000		25.5	4000	100
2.3		4.33	400.0					228.3		
132.7	148.4	201.6	198.8	201.0	189.9	187.4	211.8		229.2	
132.7 7.0	148.4	201.6 18.7	21.2	24.1	20.0	17.3	20.2	18.9	12.9	11.5
132.7 7.0 34.6	148.4 13.7 34.2	201.6 18.7 45.4	21.2 43.7	24.1 43.5	20.0 45.4	17.3 43.7	20.2 45.3	18.9 46.2	12.9 43.6	11.5
132.7 7.0 34.6 18.4	148.4 13.7 34.2 17.3	201.6 18.7 45.4 20.6	21.2 43.7 19.2	24.1 43.5 16.8	20.0 45.4 14.8	17.3 43.7 13.6	20.2 45.3 15.7	18.9 46.2 16.9	12.9 43.6 17.4	11.5 42.5 17.8
132.7 7.0 34.6 18.4 72.8	148.4 13.7 34.2 17.3 83.3	201.6 18.7 45.4 20.6 116.8	21.2 43.7 19.2 114.7	24.1 43.5 16.8 116.7	20.0 45.4 14.8 109.6	17.3 43.7 13.6 112.7	20.2 45.3 15.7 130.7	16.9 46.2 16.9 146.3	12.9 43.6 17.4 155.4	11.5 42.5 17.8 164.8
132.7 7.0 34.6 18.4 72.8 20.0	148.4 13.7 34.2 17.3 83.3 24.3	201.6 18.7 45.4 20.6 116.8 35.6	21.2 43.7 19.2 114.7 32.3	24.1 43.5 16.8 116.7 31.6	20.0 45.4 14.8 109.6 30.4	17.3 43.7 13.6 112.7 36.3	20.2 45.3 15.7 130.7 43.1	18.9 46.2 16.9 146.3 48.1	12.9 43.6 17.4 155.4 51.8	11.5 42.5 17.8 164.8
132.7 7.0 34.6 18.4 72.8 20.0 7.9	148.4 13.7 34.2 17.3 83.3 24.3 14.8	201.6 18.7 45.4 20.6 116.8 35.6 20.6	21.2 43.7 19.2 114.7 32.3 23.3	24.1 43.5 16.8 116.7 31.6 26.9	20.0 45.4 14.8 109.6 30.4 27.2	17.3 43.7 13.6 112.7 36.3 28.9	20.2 45.3 15.7 130.7 43.1 34.9	18.9 46.2 16.9 146.3 48.1 41.6	12.9 43.6 17.4 155.4 51.8 47.3	11.5 42.5 17.6 164.6
132.7 7.0 34.6 18.4 72.8 20.0	148.4 13.7 34.2 17.3 83.3 24.3	201.6 18.7 45.4 20.6 116.8 35.6 20.6 32.6	21.2 43.7 19.2 114.7 32.3 23.3 29.5	24.1 43.5 16.8 116.7 31.6 26.9 28.8	20.0 45.4 14.8 109.6 30.4 27.2 25.9	17.3 43.7 13.6 112.7 36.3 28.9 24.7	20.2 45.3 15.7 130.7 43.1 34.9 27.8	18.9 46.2 16.9 146.3 48.1 41.6 27.8	12.9 43.6 17.4 155.4 51.8 47.3 27.0	11.5 42.5 17.6 164.6
132.7 7.0 34.6 18.4 72.8 20.0 7.9 23.4 21.4	148.4 13.7 34.2 17.3 83.3 24.3 14.8 25.2	201.6 18.7 45.4 20.6 116.8 35.6 20.6	21.2 43.7 19.2 114.7 32.3 23.3	24.1 43.5 16.8 116.7 31.6 26.9	20.0 45.4 14.8 109.6 30.4 27.2	17.3 43.7 13.6 112.7 36.3 28.9	20.2 45.3 15.7 130.7 43.1 34.9	18.9 46.2 16.9 146.3 48.1 41.6 27.8 28.9	12.9 43.6 17.4 155.4 51.8 47.3	11.3 42.1 17.1 164.1 (NA (NA (NA
132.7 7.0 34.6 18.4 72.8 20.0 7.9 23.4 21.4	148.4 13.7 34.2 17.3 83.3 24.3 14.8 25.2	201.6 18.7 45.4 20.6 116.8 35.6 20.6 32.6	21.2 43.7 19.2 114.7 32.3 23.3 29.5	24.1 43.5 16.8 116.7 31.6 26.9 28.8	20.0 45.4 14.8 109.6 30.4 27.2 25.9	17.3 43.7 13.6 112.7 36.3 28.9 24.7	20.2 45.3 15.7 130.7 43.1 34.9 27.8	18.9 46.2 16.9 146.3 48.1 41.6 27.8 28.9	12.9 43.6 17.4 155.4 51.8 47.3 27.0	11.3 42.1 17.1 164.1 (NA (NA (NA
132.7 7.0 34.6 18.4 72.8 20.0 7.9 23.4 21.4 261.3 97.2	148.4 13.7 34.2 17.3 83.3 24.3 14.8 25.2 19.1 277.8 97.7	201.6 18.7 45.4 20.6 116.8 35.6 20.6 32.6 28.0	21.2 43.7 19.2 114.7 32.3 23.3 29.5 29.6	24.1 43.5 16.8 116.7 31.6 26.9 28.8 29.4 372.8 136.1	20.0 45.4 14.8 109.6 30.4 27.2 25.9 26.1 347.5 120.7	17.3 43.7 13.6 112.7 36.3 28.9 24.7 22.7 345.5 119.7	20.2 45.3 15.7 130.7 43.1 34.9 27.8 24.9 399.6 143.6	18.9 46.2 16.9 146.3 48.1 41.6 27.8	12.9 43.6 17.4 155.4 51.8 47.3 27.0 29.3	11.3 42.5 17.8 164.8 (NA (NA (NA (NA
132.7 7.0 34.6 18.4 72.8 20.0 7.9 23.4 21.4 261.3 97.2 164.1	148.4 13.7 34.2 17.3 83.3 24.3 14.8 25.2 19.1	201.6 18.7 45.4 20.6 116.8 35.6 20.6 32.6 28.0	21.2 43.7 19.2 114.7 32.3 23.3 29.5 29.6 368.3 133.9 234.4	24.1 43.5 16.8 116.7 31.6 26.9 28.8 29.4	20.0 45.4 14.8 109.6 30.4 27.2 25.9 26.1	17.3 43.7 13.6 112.7 36.3 28.9 24.7 22.7	20.2 45.3 15.7 130.7 43.1 34.9 27.8 24.9	18.9 46.2 16.9 146.3 48.1 41.6 27.8 28.9	12.9 43.6 17.4 155.4 51.8 47.3 27.0 29.3 422.6 145.0	237.0 11.3 42.5 17.6 164.6 (NA (NA (NA (NA 432.5 145.2 287.3
132.7 7.0 34.6 18.4 72.8 20.0 7.9 23.4 21.4 261.3 97.2	148.4 13.7 34.2 17.3 83.3 24.3 14.8 25.2 19.1 277.8 97.7	201.6 18.7 45.4 20.6 116.8 35.6 20.6 32.6 28.0 363.6 125.5	21.2 43.7 19.2 114.7 32.3 23.3 29.5 29.6	24.1 43.5 16.8 116.7 31.6 26.9 28.8 29.4 372.8 136.1	20.0 45.4 14.8 109.6 30.4 27.2 25.9 26.1 347.5 120.7	17.3 43.7 13.6 112.7 36.3 28.9 24.7 22.7 345.5 119.7	20.2 45.3 15.7 130.7 43.1 34.9 27.8 24.9 399.6 143.6	18.9 46.2 16.9 146.3 48.1 41.6 27.8 28.9 431.2 158.1	12.9 43.6 17.4 155.4 51.8 47.3 27.0 29.3	11.3 42.5 17.8 164.8 (NA (NA (NA (NA
	91.9 37.0 19.8 3.2 3.8 3.6 3.9 1.1 17.2 3.3 1.7 4.5 2.9 9.6 10.4 106.1 107.0	91.9 142.4  37.0 53.7 19.8 525.4 3.2 5.4 1.2 2.0 3.5 3.1 1.2 3.8 4.9 4.6 5.5 3.0 3.3 9 1.2 1.1 1.7 17.2 28.3 3.3 4.4 1.7 2.9 1.2 54.9 88.8 2.0 6.1 13.0 20.2 7.2 9.1 13.0 20.2 7.2 9.9 1.2 54.9 88.8 1.0 10.0 106.1 12.9 106.1 12.9 106.1 12.9 106.1 12.9 106.1 12.9 106.1 2.9 2.2 2.9 2.2 2.9 2.2 2.9 2.2 2.9 2.2 2.9 2.2 2.1 2.7 2.9 48.7 53.9 8.8 7.5 5.9 2.2 2.1 2.7 2.9 48.7 53.9 8.2 7.5 4.5 5.1 8.8 1.2.5	91.9 142.4 255.0 37.0 53.7 95.9 19.8 25.4 48.5 3.2 5.4 6.1 1.2 2.0 3.2 3.5 3.1 7.5 3.8 4.9 10.2 4.6 5.5 13.0 3.0 3.3 8.3 9 1.2 27 1.1 1.7 4.0 17.2 28.3 47.4 7.3 1.7 2.9 5.2 9.1 15.2 9.1 12.2 5.4 9.8 8.8 159.0 2.0 6.1 12.8 8.8 159.0 2.0 6.1 12.8 6.8 14.8 28.7 3.9 10.0 17.5 9.6 12.8 8.8 10.4 12.9 22.5 106.1 162.6 284.9 9.6 14.8 25.8 10.4 12.9 22.5 106.1 162.6 284.9 169.0 17.5 9.6 14.8 25.8 10.4 12.9 22.5 106.1 162.6 284.9 169.0 17.5 9.6 14.8 25.8 10.4 12.9 22.5 106.1 162.6 284.9 189.0 14.2 20.2 30.0 14.2 20.2 30.0 15.9 16.0 3.0 16.1 162.6 284.9 16.9 15.9 16.0 16.1 162.6 284.9 16.9 15.9 16.0 16.1 162.6 284.9 16.9 15.9 16.0 17.5 16.8 16.9 15.9 16.0 16.1 162.6 284.9 16.9 15.9 16.9 16.9 16.9 16.9 16.9 16.9 16.9 16	91.9 142.4 255.0 282.8  37.0 53.7 95.9 112.3 19.8 25.4 48.5 55.4 3.2 5.4 6.1 6.8 3.2 5.4 6.1 6.8 3.2 5.4 10.2 11.4 4.6 5.5 13.0 15.0 3.0 3.3 8.3 9.0 9 1.2 2.7 3.6 1.1 1.7 4.0 4.0 17.2 28.3 47.4 57.0 3.3 4.4 7.3 8.2 1.7 2.9 5.2 6.5 3.4 7.1 9.8 11.6 5.2 9.1 15.2 19.6 5.2 9.1 15.2 19.6 5.2 9.1 15.2 19.6 1.2 25 20.0 54.9 88.8 159.0 170.5 2.0 6.1 12.8 16.0 17.2 9.9 16.0 16.6 32.7 52.5 94.6 100.1 8.8 14.8 25.8 25.6 10.4 12.9 22.5 24.9 106.1 16.2 284.9 314.5 3.9 10.4 12.9 22.5 24.9 106.1 16.2 284.9 314.5 3.9 10.4 12.9 22.5 34.9 106.1 16.2 284.9 31.5 10.4 12.9 22.5 34.9 10.4 12.9 22.5 34.9 10.5 18.8 18.8 15.9 17.5 10.4 12.9 18.9 18.9 17.5 10.5 18.8 18.8 15.9 17.5 11.2 18.8 11.1 11.6 9.8 18.9 17.5 11.3 32.7 11.5 18.8 11.3 11.6 9.8 16.9 17.6 11.6 18.2 12.8 13.1 11.6 9.8 16.9 17.6 17.5 5.9 10.7 15.5 13.9 10.9 17.5 13.9 10.9 10.9 10.9 10.9 10.9 10.9 10.9 10	91.9 142.4 255.0 282.8 315.2 37.0 53.7 95.9 112.3 126.5 19.8 25.4 48.5 55.4 59.8 3.2 5.4 6.1 6.8 7.4 12.2 2.0 3.2 3.3 3.6 3.5 3.1 7.5 9.8 10.6 3.8 4.9 10.2 11.4 13.7 4.6 5.5 13.0 15.0 15.4 3.0 3.3 8.3 9.0 9.8 9.1 2.2 2.7 3.6 3.4 1.7 4.0 3.4 17.2 28.3 47.4 57.0 66.7 3.3 4.4 7.3 8.2 9.5 1.7 2.9 5.2 6.5 6.1 13.1 1.7 4.0 4.0 3.4 17.2 28.3 47.4 57.0 66.7 3.3 4.4 7.3 8.2 9.5 1.7 2.9 5.2 6.5 6.1 13.1 15.2 9.1 15.2 19.6 26.0 2.2 25.4 9 88.8 159.0 170.5 188.7 2.0 6.1 12.8 16.0 21.4 13.0 20.2 35.6 37.7 41.2 13.0 20.2 35.6 37.7 41.2 13.0 20.2 35.6 37.7 41.2 13.0 20.2 35.6 37.7 41.2 13.0 20.2 35.6 37.7 41.2 13.0 20.2 35.6 37.7 52.5 94.6 100.1 10.2 8.8 14.8 28.7 28.4 30.2 3.9 10.0 17.5 21.2 26.0 10.4 12.9 12.5 24.9 26.9 10.4 12.9 22.5 24.9 26.9 10.4 12.9 22.5 24.9 26.9 10.4 12.9 22.5 24.9 26.9 11.3 37.0 53.7 95.9 112.3 126.5 69.2 10.9 18.9 0 20.2 1 22.7 54.9 88.8 159.0 170.5 188.7 14.2 20.2 30.0 31.7 34.0 10.1 10.2 10.2 10.5 10.4 12.9 12.5 24.9 26.9 11.3 11.3 11.3 11.3 11.5 11.5 11.5 11.5	91.9 142.4 255.0 282.8 315.2 310.6  37.0 53.7 95.9 112.3 128.5 55.4 59.8 55.4 3.2 5.4 6.1 6.8 7.4 6.9 3.2 5.4 6.1 6.8 7.4 6.9 3.2 5.4 6.1 6.8 7.4 6.9 3.2 5.4 6.1 6.8 7.4 6.9 3.2 5.4 6.1 6.8 7.4 6.9 3.2 5.4 6.1 6.8 7.4 6.9 3.5 3.1 7.5 9.8 10.6 11.0 3.8 4.9 10.2 11.4 13.7 13.4 4.6 5.5 13.0 15.0 15.4 12.6 9 1.2 2.7 3.6 3.4 3.4 3.4 3.1 1.7 4.0 4.0 3.4 2.9 9 1.2 2.7 3.6 3.4 3.4 3.4 1.1 1.7 4.0 4.0 3.4 2.9 1.7 2 28.3 47.4 57.0 66.7 65.3 3.3 4.4 7.3 8.2 9.5 8.7 1.7 2.9 5.2 6.5 6.1 5.6 3.4 7.1 9.8 11.6 13.1 12.7 5.2 9.1 15.2 19.6 26.0 26.4 1.2 9.1 15.2 19.6 26.0 26.4 2.0 6.1 12.8 16.0 21.4 20.0 2.0 6.1 12.8 16.0 21.4 20.0 2.0 6.1 12.8 16.0 21.4 20.0 3.3 1.2 5.5 94.6 100.1 10.2 109.6 8.8 14.8 28.7 28.4 30.2 30.4 3.9 10.0 17.5 21.2 26.0 27.2 2.9 9.46 100.1 110.2 109.6 8.8 14.8 28.7 28.4 30.2 30.4 3.9 10.0 17.5 21.2 26.0 27.2 2.9 6.1 18.8 25.6 27.2 25.9 10.4 12.9 22.5 24.9 26.9 26.1 10.6 1 162.6 284.9 31.4 30.2 30.4 3.9 10.0 17.5 21.2 26.0 27.2 2.5 49.8 88.8 16.9 17.6 188.7 189.9 1.2 20.2 30.0 31.7 34.0 36.9 1.2 20.2 30.0 31.7 34.0 36.9 1.2 20.2 30.0 31.7 34.0 36.9 1.2 20.2 30.0 31.7 34.0 36.9 1.2 20.2 30.0 31.7 34.0 36.9 1.2 20.2 30.0 31.7 34.0 36.9 1.2 20.2 30.0 31.7 34.0 36.9 1.2 20.2 30.0 31.7 34.0 36.9 1.2 20.2 30.0 31.7 34.0 36.9 1.2 20.2 30.0 31.7 34.0 36.9 1.2 20.2 30.0 31.7 34.0 36.9 1.2 20.2 30.0 31.7 34.0 36.9 1.2 20.2 30.0 31.7 34.0 36.9 1.2 20.2 30.0 31.7 34.0 36.9 1.2 20.2 30.0 31.7 34.0 36.9 1.2 20.2 30.0 31.7 34.0 36.9 1.2 20.2 30.0 31.7 34.0 36.9	91.9 142.4 255.0 282.8 315.2 310.6 304.8 37.0 53.7 95.9 112.3 126.5 65.4 59.8 65.4 59.1 12.3 12.6 55.4 6.1 6.8 7.4 6.9 6.0 3.2 3.3 3.6 3.1 2.8 3.5 3.1 7.5 9.8 10.6 11.0 11.4 13.7 13.4 13.5 4.6 5.5 13.0 15.0 15.4 12.6 11.3 3.8 4.9 10.2 11.4 13.7 13.4 13.5 4.6 5.5 13.0 15.0 15.4 12.6 11.3 9 1.2 27 3.6 3.4 3.4 2.9 2.8 11.1 1.7 4.0 4.0 3.4 2.9 2.8 11.1 1.7 4.0 4.0 3.4 2.9 2.8 11.1 1.7 4.0 4.0 3.4 2.9 2.8 11.2 2.8 3 4.4 7.3 8.2 9.5 8.7 7.8 1.7 2.9 5.2 6.5 6.1 5.6 5.9 3.4 7.1 9.8 11.6 13.1 12.7 13.0 5.2 9.1 15.2 19.6 26.0 26.4 23.1 2.9 1.2 2.5 2.0 2.2 2.2 2.5 54.9 88.8 159.0 170.5 188.7 189.9 188.6 2.0 6.1 12.8 16.0 21.4 20.0 15.2 13.0 20.2 35.6 37.7 41.2 45.4 45.0 17.2 9.9 16.0 16.6 15.8 14.8 14.0 3.9 12.9 15.0 16.6 15.8 14.8 14.0 3.9 12.9 15.0 16.6 15.8 14.8 14.0 3.9 12.9 22.5 24.9 26.9 26.1 24.0 10.4 12.9 22.5 24.9 26.9 26.1 24.0 10.4 12.9 22.5 24.9 26.9 26.1 24.0 10.4 12.9 22.5 24.9 26.9 26.1 24.0 10.4 12.9 22.5 24.9 26.9 26.1 24.0 10.4 12.9 22.5 24.9 26.9 26.1 24.0 10.4 12.9 22.5 24.9 26.9 26.1 24.0 10.4 12.9 22.5 24.9 26.9 26.1 24.0 10.4 12.9 22.5 24.9 26.9 26.1 24.0 10.4 12.9 22.5 24.9 26.9 26.1 12.0 10.4 12.9 22.5 24.9 26.9 26.1 24.0 10.4 12.9 22.5 24.9 26.9 26.1 24.0 10.4 12.9 22.5 24.9 26.9 26.1 24.0 10.4 12.9 22.5 24.9 26.9 26.1 24.0 10.4 12.9 22.5 24.9 26.9 26.1 24.0 10.4 12.9 22.5 24.9 26.9 26.1 24.0 10.4 12.9 22.5 24.9 26.9 26.1 24.0 10.4 12.9 22.5 24.9 26.9 26.1 24.0 10.4 12.9 22.5 24.9 26.9 26.1 24.0 10.4 12.9 22.5 24.9 26.9 26.1 24.0 10.4 12.9 22.5 24.9 26.9 26.1 24.0 10.1 10.2 10.8 10.5 14.5 12.5 12.5 13.0 11.3 11.3 11.0 11.3 11.3	91.9 142.4 255.0 282.8 315.2 310.6 304.8 354.4  37.0 53.7 95.9 112.3 126.5 52.7 116.2 138.8 18.8 25.4 48.5 55.4 59.8 55.4 53.1 68.2 3.2 5.4 6.1 6.8 7.4 6.9 6.0 7.1 3.3 3.5 3.1 7.5 9.8 10.6 11.0 11.4 14.6 13.8 4.9 10.2 11.4 13.7 13.4 13.5 15.4 4.6 5.5 13.0 15.0 15.0 15.4 12.6 11.3 16.2 3.0 3.3 8.8 4.9 10.2 11.4 13.7 13.4 13.5 15.4 4.6 5.5 13.0 15.0 15.0 15.4 12.6 11.3 16.2 3.0 3.3 8.3 9.0 9.8 7.8 7.3 11.2 9 1.2 2.7 3.6 3.4 3.4 2.9 3.6 11.1 1.7 4.0 4.0 3.4 2.9 2.8 3.1 1.7 2.9 3.6 3.4 7.3 8.2 9.5 8.7 7.8 8.8 3.3 4.4 7.3 8.2 9.5 8.7 7.8 8.8 3.4 7.1 9.8 11.6 13.1 12.7 13.0 15.3 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.2	91.9 142.4 255.0 282.8 315.2 310.6 304.8 354.4 387.1 37.0 53.7 95.9 112.3 126.5 120.7 116.2 138.8 153.5 12.8 25.4 48.5 55.4 59.8 55.4 59.8 65.4 53.1 68.2 73.3 3.2 5.4 6.1 6.8 7.4 6.9 6.0 7.1 7.8 3.3 5.3 1.1 7.5 9.8 10.6 11.0 11.4 14.6 15.5 3.8 4.9 10.2 11.4 13.7 13.4 13.5 15.4 16.0 4.6 5.5 13.0 15.0 15.4 12.6 11.3 16.2 19.5 13.0 3.3 8.3 9.0 9.8 7.8 7.3 11.2 14.6 15.5 19.1 11.7 4.0 4.0 3.4 2.9 2.8 3.6 3.5 1.1 1.7 4.0 4.0 3.4 2.9 2.8 3.1 3.4 17.2 28.3 47.4 57.0 66.7 65.3 63.1 72.6 80.2 11.7 2.9 5.2 6.5 6.1 5.6 5.9 7.2 8.8 10.3 1.7 1.9 5.2 9.1 15.2 19.6 26.0 26.4 23.1 25.5 26.7 1.2 9.9 1.2 2.5 2.0 2.2 2.2 2.5 3.1 3.9 1.2 2.7 3.8 13.8 13.9 1.2 12.5 2.7 3.9 16.0 15.8 13.1 12.7 13.0 15.3 16.4 12.9 12.8 13.9 12.7 13.0 15.3 16.4 12.9 12.9 12.2 5.2 0.2 2.2 2.5 3.1 3.9 12.2 5.5 20.7 41.2 45.4 45.4 45.0 47.5 46.8 13.1 12.7 13.0 15.3 16.4 13.9 12.7 13.0 15.3 16.4 13.9 12.7 13.0 15.3 16.4 13.9 1.2 2.5 2.0 12.2 2.2 2.5 3.1 3.9 13.0 20.2 35.6 37.7 41.2 45.4 45.4 45.0 47.5 46.8 13.9 12.7 13.0 15.3 16.4 13.9 12.7 13.0 15.3 16.4 13.9 12.7 13.0 15.3 16.4 13.9 12.7 13.0 15.3 16.4 13.9 12.2 13.8 14.8 14.0 16.5 18.0 3.9 10.0 17.5 21.2 26.0 27.2 2.2 2.5 3.1 3.9 10.0 17.5 21.2 26.0 27.2 2.5 3.1 3.9 39.4 14.8 25.8 25.8 27.2 25.9 25.0 26.7 27.2 28.4 33.9 39.4 14.8 25.8 25.8 25.6 27.2 25.9 25.0 26.7 28.7 28.7 10.4 12.9 22.5 24.9 26.9 26.1 24.0 27.2 32.0 106.1 12.8 12.8 13.1 12.2 12.5 26.0 27.2 28.4 33.9 39.4 14.8 25.8 25.8 25.6 27.2 25.9 25.0 26.7 28.7 28.7 10.4 12.9 22.5 24.9 26.9 26.1 24.0 27.2 32.0 106.1 12.8 12.8 13.1 13.3 11.0 11.3 14.3 15.3 16.4 18.0 18.0 18.0 17.5 188.7 189.9 188.6 215.6 233.7 37.0 53.7 95.9 112.3 12.5 188.7 189.9 188.6 215.6 233.7 37.0 53.7 95.9 112.3 12.5 26.0 27.2 28.4 33.9 39.4 31.5 33.9 39.0 31.7 34.0 36.9 38.6 215.6 233.7 37.0 53.7 95.9 112.3 12.5 12.5 26.0 27.2 28.4 33.9 39.0 31.7 34.0 36.9 38.6 215.6 233.7 36.0 3.1 37.0 33.9 30.0 31.7 34.0 36.9 38.6 215.6 233.7 36.0 3.9 38.6 33.0 33.4 41.1 39.9 38.3 1.2 28.3 34.5 33.9 39.0 33.1 34.4 13.3 13.3 13.3 33.3 39.0 33.3 34.4 13.3 39.0 33.3 34.4 13.3 39.0 33.3 34.4	91.9 142.4 255.0 282.8 315.2 310.6 304.8 354.4 387.1 379.3 37.0 53.7 95.9 112.3 126.5 120.7 116.2 138.8 153.5 142.7 18.8 25.4 48.5 55.4 59.8 55.4 53.1 66.2 77.3 68.1 32.2 5.4 6.1 6.8 7.4 6.9 6.0 7.1 7.8 7.2 12.2 2.0 3.2 3.3 3.6 3.1 2.8 3.4 3.6 4.0 3.5 3.1 7.5 9.8 10.6 11.0 11.4 14.6 15.5 14.1 33.8 4.9 10.2 11.4 13.7 13.4 13.5 15.4 16.0 13.6 4.6 5.5 13.0 15.0 15.4 12.6 11.3 16.2 19.5 18.9 12.2 2.7 3.6 3.4 3.4 2.9 3.6 3.5 3.5 3.1 1.7 4.0 4.0 3.4 2.9 2.8 3.1 3.4 3.5 14.6 10.3 9 1.2 2.7 3.6 3.4 3.4 2.9 3.6 3.5 3.8 1.1 1.7 4.0 4.0 3.4 2.9 2.8 3.1 3.4 3.1 1.7 4.0 4.0 3.4 2.9 2.8 3.1 3.4 3.1 1.7 2.9 5.2 6.5 6.1 5.6 5.9 7.2 8.6 8.2 73.6 3.4 7.1 9.8 11.6 13.1 12.7 13.0 15.3 16.4 16.7 13.4 13.5 15.4 16.0 13.8 1.5 15.4 16.0 13.8 10.3 10.6 15.5 14.1 13.7 13.0 15.3 16.4 16.7 13.9 12.2 13.0 12.2 13.0 15.3 16.4 16.7 13.9 12.2 13.0 12.3 16.4 16.7 13.9 12.2 13.0 12.3 16.4 16.7 13.9 13.9 13.9 13.9 13.9 13.9 13.9 13.9

NA Not available.

\* Estimates based on planned capital expenditures as reported by business in April and May 1967.

\* Surveyed quarterly.

\* Includes construction.

\* Quarterly estimates for selected normanufacturing industries were discontinued effective with the April-May 1994 survey.

\* Annual estimates for these industries are based on capital expenditures reported by business in January through March each year.

\* "All industries" plus the part of normanufacturing that is surveyed annually.

\* Consists of real estate; professional services; membership organizations and social services; and forestry, fishery, and agricultural services.

\* Procedures for pre-

<sup>\*</sup>Procedures for preparing constant-dollar estimates are described in the February 1985 Survey of Current Business. To estimate real spending plans, BEA adjusts the survey results for assumed price changes.

#### No. 854. COMPOSITE INDEXES OF ECONOMIC CYCLICAL INDICATORS: 1977 TO 1986

16 figures are preliminary. See source for discussion of composite indexes. Minus sign (—) indicates decrease. Leading distributes are economic time series that tend to reach their cyclical high and low points earlier than the corresponding peaks and troughs in the overall economy. Colincident indicators are economic time series that tend to reach their cyclical high and w points about the same time as the corresponding peaks and troughs in the overall economy. Lagging indicators are conomic time series that tend to reach their cyclical high and low points later than the corresponding peaks and troughs in the series expected.

ITEM	Unit	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
LEADING INDICATORS									1.7	. 5	100
Composite Index 1	1967 = 100.	139.4	145.8	145.1	138.2	140.9	136.8	156.0	165.3	168.6	179.2
Net business formation	1967 = 100.	130.8	138.1	138.3	129.9	124.8	116.4	117.5	121.3	120.9	120.4
Building permits 2					96.7						141.3
Common stock prices, index a	1967 = 100	144.9	145.4	123.6	90.7	80.0	80.7	131.1	134.8	138.1	141.3
Common stock prices, index		00.0	00.0	1000	4400	1000	****				236.3
Initial claims, unemployment insurance	43=10		96.0	103.0	118.8	128.0	119.7	160.4	160.5	186.8	
initial claims, unemployment insurance	1,000		338	379	480		578	426	366	383	370
Change in sensitive prices 4 5	Percent		1.3	9		6	7	1.0	2	-4	1.31
Change in credit outstanding 6	Percent		14.5	13.2	6.0	6.9	1.5	8.5	15.5	10.2	6.6
Vendor performance, slower deliveries	Percent		64	63	40	45	37	54	61	45	52
Average workweek, manufacturing 1	Hours	40.3	40.4	40.2	39.7	39.8	38.9	40.1	40.7	40.5	40.7
Change in inventories (1982 dol.) 5	Bil. dol.,	29	45	19	-15	2	-33	2	48	1	3
Plant and equipment contracts and orders	ALC: YOUR DESIGNATION OF	1000	100	100	N.5:	1126.3	7.6		1.00	1000	1
(1982 dol.)	Bil. dol	328	381	408	362	352	308	318	382	400	400
New orders, manufacturing, consumer	4.5" (0.00 )	1000		1	1	100	177	1 2 2 2			1
goods and materials (1982 dol.)	Bil. dol	967	1.022	1.003	891	888	806	897	963	951	968
Money supply (M2) * (1982 dol.)	Bil. dol	1,965	1,982	1,929	1,835	1,819	1,873	2,042	2,113	2,227	2,361
COINCIDENT INDICATORS	100	115				115		0.0	4		
Composite Index	1967 = 100	133.6	144.0	150.2	144.8	146.0	136.3	139.9	154.5	160.3	164.5
Industrial production index	1977=100.	100.0	106.5	110.7	108.6	111.0	103.1	109.2	121.4	123.8	125.1
Employees, nonagricultural payrolls	Million		86.7	89.8	90.4	91.2	89.6	90.2	94.5	97.5	99 €
Personal income less transfer payments		1000					24.4	27.00		21100	200
(1982 dol.)	Bil. dol	2 070	2.191	2.253	2.233	2.275	2.261	2,301	2.456	2.527	2,602
Sales, mlg. and trade (1982 dol.)	Bil. dol		4.327	4.455	4.341	4.358	4.183	4.363	4.732	4.881	5,051
said, my and allow (1902 doc)	Cit. Oddynania	4,000	4,00.	4,400	4,041	4,000	4,100	4,500	4,102	4,001	3,00
LAGGING INDICATORS	100										1
Composite Index	1967 = 100	106.4	114.0	122.6	124.6	122.4	123.0	111.7	117.3	127.0	132.1
Labor cost per unit of output, mfg.º			98.0	98.9	102.0	102.9	104.7	95.2	88.6	85.4	81.1
Ratio, consumer installment credit to	rerount	20.0	90.0	90.9	102.0	102.5	104.1	30.2	00.0	00.4	01.1
	Percent	12.8	13.4	13.9	13.2	12.1	11.9	12.2	13.3	14.7	15.9
personal income											
Average prime rate charged by banks	Percent	6.8	9.1	127	15.3	18.9	14.9	10.8	12.0	9.9	8.3
Average duration of unemployment	Weeks	14.3	11.9	10.8	11.9	13.8	15.6	20.0	18.1	15.6	15.1
Ratio inventories to sales, mfg. and trade (1982 dol.)	Ratio	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.5
Commercial and industrial loans outstanding		1.0	1.9	1.00	1.0	1,0		1.0	1.0	1.0	1.0
(1982 dol.) 10	Bil. dol	199	207	219	225	233	268	261	289	321	342

<sup>-</sup> Represents zero. 

1 Beginning with data for January 1984, net business formation has been suspended from this index. 

2 New private housing units authorized. 

2 Standard and Poor, 500 stocks. 

4 Producer price index of selected crude end semediate materials and spot market price index of raw industrial materials. 

4 Weighted 4-term moving average placed at the writing month of the span. 

5 See table 800. 

Actual as percent of frend. 

10 Includes commercial paper issued by nonfinancial companies.

Source: U.S. Bureau of Economic Analysis, Business Conditions Digest, monthly.

No. 855. Business Cycle Expansions and Contractions—Months of Duration: 1919 to 1986

[The lower turning point of a cycle is considered a trough, the upper turning point a peak. Business cycle reference dates are determined by the National Bureau of Economic Research, Inc.]

BUSINES	8 CYCLE REFERENCE DATE	Contrac-	F	LENGTH	OF CYCLE
Trough	Peak	(trough from previous peak)	expension ston (trough to peak)	Trough from previous trough	Peak from previous peak
March 1919	January 1920		10 22	51 28	17
July 1924 November 1927	October 1926	14	27 21	36 40	41 34
March 1933	Mey 1937		50 80	64 63	9X
October 1945	November 1948	8	37	88	44
October 1949	August 1957	10	45 39 24	55 47	54 41 3:
February 1961	April 1980	10	108 36	34 117	111
March 1975	Jenuary 1980	16	58 12	52 84	74
November 1982	(x)	16	(x)	26	(X
Average, all cycles: 1919-1945 (6 cycles)			35 45	53 56	55
waraya, pasawania cycles:		l l		"	
1919-1945 (5 cycles) 1945-1982 (6 cycles)		20	26	46	4

X Not applicable.

Source: U.S. Bureau of Economic Analysis, Business Conditions Digest, January 1987.

## No. 856. International Economic Composite Indexes—Average Annual Percent Change: 1974 to 1986

[The leading index changes are for years ending June 30 because they lead the coincident indexes by about six months, on average. The G-7 countries are United States, Canada, France, West Germany, Italy, United Kingdom and Japan. Average annual percent changes derived from indexes with base 1983—198. Minus sign (-) indicates decrease)

COUNTRIES	1974- 1975	1975- 1976	1976- 1977	1977- 1978	1978- 1979	1979- 1980	1980- 1981	1981- 1982	1982- 1983	1983- 1984	1984- 1985	1985- 1986
LEADING INDEX			7 cd					<i>-</i> .			134	1
Total, 9 countries	-9.6	5.8	5.4	2.8	5.7	1.7	-1.4	-1.1	.9	9.9	2.7	2.8
8 countries, excluding U.S	-10.2	2.6	4.6	.7	6.9	6.0	-2.9	.5	.1	6.0	4.6	2.9
G-7 countries	-9.5	5.8	5.5	2.8	5.7	1.6	-1.5	-1.1	.9	9.9	2.6	2.7
North America	-8.1	9.7	6.3	5.5	4.6	-3.5	.8	-3.7	1.8	15.3	.5	27
United States	-8.6	10.5	6.7	5.7	4.3	-4.1	.8	-3.4	1.9	15.6	.2	2.6
Canada	-2.9	1.9	1.8	2.9	8.6	3.3	1.1	-6.6	.9	11.3	3.7	3.7
4 European countries	-6.0	1.8	3.6	.2	4.3	2.9	-2.0	1.0	.9	4.1	2.6	2.7
France		.3	3.0	-2.1	5.3	4.2	-1.5	2.2	5	3.4	2.8	2.9
West Germany	-5.1	5.1	3.4	2.0	5.6	2.9	-3.3	9	2.2	6.1	2.4	2.7
Italy	-3.4	-1.8	2.4	-2.0	3.9	4.3	3.2	6	9	2.2	2.6	5.6
United Kingdom	-5.4	1.5	5.2	2.0	1.8	.5	-4.3	3.4	2.0	3.4	2.4	
3 Pacific region countries	-19.2	4.5	7.2	11.3	11.6	12.4	-5.1	1.1	-1.4	8.3	8.1	2.9
Australia	-12.6	5.5	2.7	9	9.3	4.0	.5	-4.4	-2.8	8.9	7.2	5.5
China: Taiwan		11.2	7.1	11.2	11.8	4.9	5.7	5.0	8.1	11.8	6.5	8.2
Japan	-20.5	4.2	7.8	1.3	11.9	13.B	-6.2	1.7	-1.6	8.1	8.3	2.4
COINCIDENT INDEX		1	1175	( C.		1			(-)-	1		
Total, 9 countries	-4.5	4.7	4.5	5.5	4.4	.3	4	-2.4	1.7	6.1	3.7	3.1
8 countries, excluding U.S	-2.8	3.4	3.2	3.9	5.1	2.6	4	.3	1.1	3.7	3.9	3.4
G-7 countries		4.7	4.6	5.5	4.4	.2	.7	-2.4	1.9	6.0	3.6	3.0
North America		6.6	6.1	7.4	3.7	-2.4	7	-6.1	2.6	9.5	3.4	2.7
United States		6.7	6.4	7.7	3.5	-2.8	.5	-6.2	2.7	9.9	3.3	2.6
Canada	1.7	5.5	2.6	4.1	5.2	2.3	3.7	-4.7	2.0	5.7	5.1	3.6
4 European countries		2.8	2.6	3.4	4.3	1.5	-1.9	- 4	.6	2.2	3.1	3.6
France		4.0	2.8	1.8	2.5	1.3	-	2.8	2.1	.7	1.4	3.6
West Germany		3.1	2.8	3.4	4.6	2.5	9	-25	-4	2.5	3.7	4.5
Italy		4.2	2.3	2.7	5.1	5.4	-1.4	-4	-1.4	3.7	29	20
United Kingdom		.3	2.3	5.6	5.1	-2.0	-5.9	-1.2	1.5	2.5	4.2	3.4
3 Pacific region countries		4.0	4.4	4.7	6.5	4.5	3.6	2.4	1.7	5.8	5.1	3.0
Australia		2.1	-1.1	1.6	3.7	4.9	5.9	-2.1	-7.0	9.2	7.8	5.3
China: Taiwan		18.0	10.6	13.8	10.0	7.5	5.6	2.7	7.1	12.2	4.1	9.4
Japan		4.0	5.0	4.8	6.8	4.4	3.2	2.9	2.6	5.2	4.8	25

<sup>-</sup> Represents zero.

Source: Center for International Business Cycle Research, Columbia Business School, New York, NY, International Economic Indicators, monthly.

## No. 857. Manufacturing and Trade—Sales and Inventories in Current and Constant (1962) DOLLARS: 1970 to 1986

[in billions of dollars, except ratios]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
CURRENT DOLLARS Sales, average monthly  Manufacturing Rotal trade Merchant wholesalers	53 31	182 87 49 47	230 113 60 56	261 127 67 67	298 144 75 79	328 154 80 93	357 168 87 102	349 163 89 96	369 171 98 100	409 188 107 113	419 190 115 115	426 189 121 115
Inventories 1	102	289 160 72 57	351 189 89 73	400 211 103 86	451 241 111 99	494 264 116 113	528 283 127 118	582 317 133 130	574 307 139 127	620 326 157 136	845 331 172 143	854 322 186 147
Inventory-sales ratio <sup>6</sup> Manufacturing. Retail trade. Merchant wholesalers	1.91	1.52 1.77 1.38 1.19	1,45 1,58 1,43 1,22	1.44 1.55 1.44 1.22	1.44 1.61 1.42 1.16	1.41 1.61 1.40 1.10	1.52 1.74 1.46 1.20	1.67 1.94 1.49 1.35	1.56 1.80 1.42 1.27	1.52 1.73 1.47 1.20	1.54 1.74 1.50 1.24	1.54 1.70 1.54 1.28
CONSTANT (1982) DOLLARS Sales, average monthly <sup>3</sup> Manufacturing Retail trade Merchant wholesalers	131	306 149 83 74	351 174 93 84	373 183 97 93	373 179 96 98	372 175 93 104	357 167 91 99	346 159 94 93	383 178 102 102	403 186 108 109	414 189 113 112	431 193 120 119
Inventories Manufacturing Retail trade Merchant wholesalers	248 97	496 282 116 99	547 302 131 114	578 314 139 125	589 325 137 128	591 327 130 134	330 136 136	582 315 133 134	584 309 142 133	631 330 158 143	638 322 168 148	643 317 175 152
Inventory-sales ratios 4  Manufacturing Retail trade Merchant wholesalers	1.90	1.62 1.90 1.39 1.34	1.56 1.73 1.42 1.36	1.55 1.71 1.44 1.34	1.58 1.81 1.42 1.30	1.59 1.87 1.40 1.29	1.68 1.98 1.48 1.37	1.68 1.99 1.41 1.44	1.53 1.74 1.39 1.30	1.56 1.77 1.46 1.31	1.54 1.70 1.50 1.32	1.49 1.64 1.46 1.28

Book value; seasonally adjusted end-of-year data. See text, section 17. \*\* Average inventories to average sales. Average monthly sales for fourth quarter. \*\* End of fourth quarter inventories to average monthly sales for fourth quarter. \*\* End of fourth quarter.

Source: Current dollars from U.S. Bureau of the Census, Current Business Reports, "Manufacturing and Trade Inventories and Selec" February 1997 and unpublished date; constant dollars from U.S. Bureau of Economic Analysis, 1970 and 1975 unpublished date; 1976-52, Survey of Current Business, September 1995; and 1994-65, Survey of Current Business, September 1997, Survey of Current Business, September 1997, Survey of Current Business, September 1997, Survey of Current Business, September 1997, Survey of Current Business, September 1997, Survey of Current Business, September 1997, Survey of Current Business, September 1997, Survey of Current Business, September 1997, Survey of Current Business, September 1997, Se

#### 58. MANUFACTURING CORPORATIONS, ASSETS, AND PROFITS, BY ASSET SIZE: 1970 TO 1986

ons and assets as of and of 4th quarter; profit for entire year. Through 1979, corporations under \$10 million based on \$10 million and over based on complete canvass, thereafter, under \$25 million based on semple and \$25 million and sed on complete canvass. For details regarding methodology, see source for first quarter, 1967]

S10 mil.   S25 mil.   mil.						ASS	ET-SIZE CL	ASS		
Number	IR AND ITEM	Unit	Total		\$25	\$50	\$100	\$250	mil\$1	\$1 bil. and over
Number	ins:			200		5.15	1725	15	1000	1100
Number		Number	197.807	₹ 195,000	1.202	533	366	289	218	102
Number										151
Number   (NA)   (NA)   1,793   809   501   409   327	The second second second									162
Number   (NA)   (NA)   1,780   802   518   408   320   Number   (NA)   (NA)   1,918   979   571   470   341   341   Number   (NA)   (NA)   1,918   979   571   470   341   3										174
Number										181
Number										225
Number										244
Number   (NA)   (NA)   820   642   510   378   Number   (NA)   (NA)   872   863   683   559   403   Number   (NA)   (NA)   879   872   703   601   420   428   Number   (NA)   (NA)   863   866   744   608   428   428   Number   (NA)   (NA)   914   962   741   628   445   862   863										259
Number (NA) (NA)   672   863   683   559   403   403   404										275
Number										275
Number										287
Number   (NA)   (NA)   914   962   741   628   445										
Mil. dol		At code as								281
Mil. dol		Number	(NA)	(NA)	914	962	741	628	445	291
Mil. dol		Mil. dol	578.234	69,101	20,471	20.138	25,946	47,783	112,475	282,320
Mil. dol			810,910	98,147	31,307	24,720	31.395	62.524		423,705
Mil. dol.   962,996   102,241   35,603   26,595   35,032   63,590   160,107   55   Mil. dol.   1,086,433   114,006   38,358   30,813   37,429   66,907   164,958   65   Mil. dol.   1,242,965   124,853   42,007   34,082   40,336   73,172   199,599   75   Mil. dol.   1,344,474   126,639   43,569   34,930   41,963   75,284   179,959   86   Mil. dol.   1,560,353   136,915   57,453   39,756   43,924   82,284   188,913   1,01   10,000   1,			883,860					62.633		481,709
Mil. dol										537.830
Mil. dol	and the second s									633,963
Mil. dol	Annual Control of the									758,937
Mil. dol										882,129
Mil. dol.   1,614,018   141,363   55,327   38,333   48,013   78,766   180,047   1,07										1.011.105
Mil. dol.   1,704,951   149,791   54,506   41,766   52,673   87,391   194,212   1,12   1,13   1,14										1,072,169
Mil. dol.   1,853,457   156,671   59,549   49,419   53,517   94,315   206,698   1,25   Mil. dol.   1,932,766   153,883   64,324   52,669   58,019   96,748   208,403   1,25   Mil. dol.   2,022,156   *140,778   70,269   50,892   62,411   102,849   221,704   1,37   *										1,124,612
Mil. dol										1,233,288
Mil. dol										
Mil. dol.   28,572   2,812   811   836   1,101   2,315   5,862   1   Mil. dol.   49,135   6,212   1,831   1,327   1,676   3,553   8,165   2   Mil. dol.   64,519   7,799   2,238   1,714   2,070   3,945   10,422   3   Mil. dol.   64,519   7,799   2,288   1,714   2,070   3,945   10,422   3   Mil. dol.   70,366   8,683   2,189   1,867   2,252   4,401   11,206   3   Mil. dol.   81,185   9,417   2,487   2,264   2,602   4,712   12,311   4   Mil. dol.   98,698   10,119   2,720   2,347   2,988   5,347   13,412   6   Mil. dol.   92,443   7,770   2,235   1,904   2,479   4,532   11,485   Mil. dol.   92,443   7,770   2,235   1,904   2,479   4,532   11,485   Mil. dol.   101,302   8,863   3,077   1,944   2,415   4,550   10,087   7   Mil. dol.   71,028   5,193   2,278   1,196   1,421   2,643   6,892   5   Mil. dol.   85,834   7,438   2,883   2,149   2,466   3,861   6,134   Mil. dol.   107,648   10,037   3,417   2,527   2,877   4,884   9,278   7   Mil. dol.   107,648   10,037   3,417   2,527   2,877   4,884   9,278   7   Mil. dol.   10,7648   10,037   3,417   2,527   2,877   4,884   9,278   7   Mil. dol.   10,7648   10,037   3,417   2,527   2,877   4,884   9,278   7   Mil. dol.   10,7648   10,037   3,417   2,527   2,877   4,884   9,278   7   Mil. dol.   10,7648   10,037   3,417   2,527   2,877   4,884   9,278   7   Mil. dol.   10,7648   10,037   3,417   2,527   2,877   4,884   9,278   7   Mil. dol.   10,7648   10,037   3,417   2,527   2,877   4,884   9,278   7   Mil. dol.   10,7648   10,037   3,417   2,527   2,877   4,884   9,278   7   Mil. dol.   10,7648   10,037   3,417   2,527   2,877   4,884   9,278   7   Mil. dol.   10,7648   10,037   3,417   2,527   2,877   4,884   9,278   7   Mil. dol.   10,7648   10,037   3,417   2,527   2,877   4,884   9,278   7   Mil. dol.   10,7648   10,037   3,417   2,527   2,877   4,884   9,278   3,417   3,4										1,298,720
Mil. dol.   49,135   6,212   1,831   1,327   1,676   3,553   6,165   2,53   Mil. dol.   64,519   7,799   2,238   1,714   2,070   3,945   10,422   3,53   Mil. dol.   70,366   8,883   2,189   1,867   2,252   4,401   11,206   3,43   Mil. dol.   81,185   9,417   2,487   2,264   2,602   4,712   12,311   4,73   Mil. dol.   98,698   10,119   2,720   2,347   2,288   5,347   13,412   6,43   Mil. dol.   92,443   7,770   2,235   1,904   2,479   4,532   11,485   6,83   Mil. dol.   101,302   8,863   3,077   1,944   2,415   4,560   10,087   7,508   Mil. dol.   71,028   5,193   2,278   1,196   1,421   2,643   6,892   5,347   Mil. dol.   85,834   7,438   2,883   2,149   2,466   3,861   6,134   6,134   Mil. dol.   107,648   10,037   3,417   2,527   2,877   4,864   9,278   7,864   10,037   3,417   2,527   2,877   4,864   9,278   7,864   10,037   3,417   2,527   2,877   4,864   9,278   7,864   10,037   3,417   2,527   2,877   4,864   9,278   7,864   10,037   3,417   2,527   2,877   4,864   9,278   7,864   10,037   3,417   2,527   2,877   4,864   9,278   7,864   10,037   3,417   2,527   2,877   4,864   9,278   7,864   10,037   3,417   2,527   2,877   4,864   9,278   7,864   10,037   3,417   2,527   2,877   4,864   9,278   7,864   10,037   3,417   2,527   2,877   4,864   9,278   7,864   10,037   3,417   2,527   2,877   4,864   9,278   7,864   10,037   3,417   3,4	*	MII. 001	2,022,158	-140,778	70,269	50,892	62,411	102,849	221,704	1,373,255
Mil. dol.   49,135   6,212   1,831   1,327   1,676   3,553   6,165   2,53   Mil. dol.   64,519   7,799   2,238   1,714   2,070   3,945   10,422   3,53   Mil. dol.   70,366   8,883   2,189   1,867   2,252   4,401   11,206   3,43   Mil. dol.   81,185   9,417   2,487   2,264   2,602   4,712   12,311   4,73   Mil. dol.   98,698   10,119   2,720   2,347   2,288   5,347   13,412   6,43   Mil. dol.   92,443   7,770   2,235   1,904   2,479   4,532   11,485   6,83   Mil. dol.   101,302   8,863   3,077   1,944   2,415   4,560   10,087   7,508   Mil. dol.   71,028   5,193   2,278   1,196   1,421   2,643   6,892   5,347   Mil. dol.   85,834   7,438   2,883   2,149   2,466   3,861   6,134   6,134   Mil. dol.   107,648   10,037   3,417   2,527   2,877   4,864   9,278   7,864   10,037   3,417   2,527   2,877   4,864   9,278   7,864   10,037   3,417   2,527   2,877   4,864   9,278   7,864   10,037   3,417   2,527   2,877   4,864   9,278   7,864   10,037   3,417   2,527   2,877   4,864   9,278   7,864   10,037   3,417   2,527   2,877   4,864   9,278   7,864   10,037   3,417   2,527   2,877   4,864   9,278   7,864   10,037   3,417   2,527   2,877   4,864   9,278   7,864   10,037   3,417   2,527   2,877   4,864   9,278   7,864   10,037   3,417   2,527   2,877   4,864   9,278   7,864   10,037   3,417   2,527   2,877   4,864   9,278   7,864   10,037   3,417   3,4	•	*** ***	*****							
Mil. dol	*****									14,832
Mil. dol.   70,366   6,683   2,189   1,867   2,252   4,401   11,206   3,401   1,401	*****									26,370
Mil. dol	**********									36,330
Mil. dol. 98,698 10,119 2,720 2,347 2,898 5,347 13,412 6 Mil. dol. 92,443 7,770 2,235 1,904 2,479 4,532 11,485 6 Mil. dol. 101,302 8,863 3,077 1,944 2,415 4,560 10,087 7 Mil. dol. 71,028 5,193 2,278 1,196 1,421 2,643 6,892 5 Mil. dol. 85,834 7,438 2,893 2,149 2,466 3,881 6,134 6 Mil. dol. 107,648 10,037 3,417 2,527 2,877 4,864 9,278 7 Mil. dol. 107,648 10,037 3,417 2,527 2,877 4,864 9,278 7	**********									39,769
Mil. dol   92,443   7,770   2,235   1,904   2,479   4,532   11,485   6   6   6   6   6   6   6   6   6	*******************									47,391
				10,119						61,854
Mil. dol. 71,028 5,193 2,278 1,196 1,421 2,643 6,892 5 Mil. dol. 85,834 7,438 2,893 2,149 2,466 3,861 6,134 6 Mil. dol. 107,648 10,037 3,417 2,527 2,877 4,864 9,278 7							2,479			62,041
Mil. dol							2,415			70,354
Mil. dol			71,028	5,193	2,278	1,196	1,421	2,643	6,892	51,405
Mil. dol 107,648 10,037 3,417 2,527 2,877 4,864 9,278 7		Mil. dol	85,834	7,438	2,893		2,466	3,861	6,134	60,893
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		107,648				2.877	4,864	9,278	74,648
		Mil. dol	87.647	8,601	2.551	2.305	2.819	3,628	7,312	60,431
	the state of the s	4.40								57,376

st available. 
<sup>1</sup> Source: U.S. Securities and Exchange Commission. 
<sup>2</sup> Data derived from U.S. Internal Revenue italiation of Income, annual. 
<sup>2</sup> 1986 data exclude estimates for corporations with less than \$250,000 in assets at time selection. Prior periods include estimates for corporations in this size category. 
<sup>3</sup> After taxes.

## 8. LARGEST INDUSTRIAL CORPORATIONS—SALES, ASSETS, NET INCOME, AND EMPLOYEES, BY SALES GROUP RANK: 1984 TO 1986

seets, and not income in billions of dollars; employees in thousands, except percent. Excludes large privately companies that do not publish sales. Includes service and rental revenues, but companies must derive more than 50 of revenues from manufacturing or mining for years ending not later than Dec. 31 of year stated, sales exclude excise plected by manufacturer and include discontinued operations]

BY SALES		SALES			ASSETS 1		NE	TINCON	AE 2	E	MPLOYEE	5 3
ROUP	1984	1985	1986	1984	1985	1986	1984	1985	1986	1984	1985	1986
5t	1,758.7	1,807.1	1,723.6	1,409.4	1,519.4	1,560.8	86.9	69.6	64.1	14,195	14,065	13,362
	1,223.0	1,264.1	1,193.7	985.5	1,068.6	1,114.7	63.0	53.5	48.0	8,792	8,789	8,529
	262.5	265.5	262.4	210.7	224.8	219.6	12.4	7.0	8.4	2,488	2,465	2,302
	139.8	140.7	131.9	110.1	114.0	107.1	6.1	4.9	3.6	1,449	1,390	1,233
	81.1	83.6	82.2	65.3	72.9	75.5	3.2	2.5	2.4	892	866	792
	52.3	53.2	53.5	37.8	39.9	43.9	2.2	1.7	1.7	573	525	512
of total:	69.5	69.9	69.2	69.9	70.3	71.4	72.4	76.9	74.9	61.9	62.5	63.8
	14.9	14.7	15.2	14.9	14.8	14.1	14.2	10.1	13.1	17.5	17.5	17.3
	7.9	7.8	7.6	7.8	7.5	6.9	6.9	7.0	5.6	10.2	9.8	9.2
	4.6	4.6	4.8	4.6	4.8	4.8	3.6	3.6	3.7	6.3	6.3	5.9
	3.0	2.9	3.1	2.6	2.5	2.8	2.4	2.4	2.7	4.0	3.8	3.8

assets employed in business at and of fiscal year, less deprecistion and depletion.

2 After taxes, special charges, and
2 As of year end, or yearly average.

Except as noted, through 1981, U.S. Federal Trade Commission; thereafter, U.S. Bureau of the Census, Quarterly Report for Manufacturing, Mining and Trade Corporations.

<sup>:</sup> Time, Inc., New York, NY, The Fortune Directories. (Copyright.)

## No. 860, 500 Largest Industrial Corporations—Selected Financial Items, by Industry: 1985 and 1986

[Data are medians and are ranked based on sales per employee for latest year shown. See headnote, table 859. Minus sign (-) indicates decrease. For definition of median, see Guide to Tabular Presentation]

INDUSTRY		OYEE	CHANG PRO (perc	FITS		QUITY		HOLD-	SA	RN ON LES cent)	RETUR INVEST (perc	ORS 1
	1985	1986	1985	1986	1985	1986	1985	1986	1985	1986	1985	1986
Total	106.0	110.7	-4.1	(NA)	2.80	2.79	11.6	11.6	3.9	4.1	26.3	15.7
Petroleum refining	486.3	405.9	-10.5	-45.7	3.49	2.93	9.9	5.8	2.7	2.4	26.2	12.3
Mining, crude-oil production	241.0	190.2	-19.8	30.7	1.86	1.85	11.0	7.7	4.8	3.8	10.7	8.5
Beverages	155.4	151.4	13.3	11.4	2.73	2.26	17.5	18.8	6.4	7.7	43.6	23.6
Food	155.2	167.3	4.6	14.2	5.73	5.42	15.0	15.8	3.0	2.8	54.4	20.4
Chemicals	124.1	164.4	-11.3	25.9	2.45	2.28	8.3	11.8	3.4	5.2	28.5	11.9
Soaps, cosmetics		163.0	-14.0	22.9	3.19	3.11	12.1	16.7	3.8	5.4	43.3	10.4
Metal manufacturing	128.7	134.3	-26.7	39.2	2.70	2.52	5.0	5.1	1.9	1.5	8.0	4.6
Paper, fiber, wood products	131.1	131.1	-5.6	19.4	2.38	2.30	8.3	11.8	3.8	4.9	24.6	16.2
Rubber, plastic products	98.9	94.2	-17.6	19.6	3.21	3.38	9.3	10.8	2.4	2.3	27.2	17.8
gypsum		125.1	14.9	19.5	2.50	2.30	10.0	11.5	4.0	3.6	26.2	11.2
Pharmaceuticals	100.7	111.4	9.1	20.3	1.72	1.95	15.6	23.6	10.4	13.1	48.1	16.1
Publishing, printing	104.0	95.1	11.4	10.5	2.28	2.21	18.7	18.7	8.1	8.5	39.4	24.6
transportation equipment #	111.7	113.2	-25.6	-25.0	4.23	3.45	13.2	5.2	4.0	1.7	-6.1	17.0
Motor vehicles	97.5	105.5	-13.6	11.0	3.56	3.48	13.7	10.1	4.4	3.0	13.7	13.1
Metal products	87.5	94.9	.4	10.8	2.80	2.93	12.7	13.3	4.6	4.4	31.0	17.5
Industrial and farm equipment	86.8	92.1	-13.2	18.6	2.52	2,59	5.8	3,7	2.3	1.2	13.3	7.4
Musical instruments, toys, sporting	135.4	131.8	60.8	-97.6	5.33	2.52	31.7	.3	7.8		25.7	15.7
goods	88.2	88.7	6.3	-4.3	3.85	4.01	13.1	12.4	4.2	4.1	24.7	20.1
Aerospace Measuring, scientific, photo. equip	77.2	84.7	11.2	4.7	2.02	1.98	13.1	10.3	5.1	4.7	19.3	13.2
Electronics, appliances	72.7	81.6	-4.1	6.1	2.63	2.77	10.1	9.8	4.2	3.4	17.4	14.2
Office equipment (incl. computers)	86.8	97.3	-6.2	25.6	2.03	1.94	11.0	10.8	4.3	5.5	14.1	14.2
Textiles, vinyl flooring	62.3	73.1		33.1	3.42	3.24	5.6	8.1				17.2
	54.7	54.6	-19.9	29.7	3.42		12.0	12.2	1.8	3.0	34.6 48.8	22 2
Apparel	34./	34.0	2.2	29./	3,42	3.21	12.0	12.2	21	3.3	48.8	uz

NA Not available. Includes both price appreciation and dividend yield, i.e., to an investor in the company's stock. Excludes motor vehicles and aircraft.

Source: Time, Inc., New York, NY, The Fortune Directories. (Copyright.)

#### No. 861. Corporate Funds—Sources and Uses: 1970 to 1986

[In billions of dollars, except percent. Covers nonfarm nonfinancial corporate business. See text, section 17]

SOURCE AND USE	1970	1975	1970	1980	1931	1902	1905	1984	1985	1986
Sources, total	102.2	158.4	352.6	347.5	302.5	327.6	431.3	503.4	463.1	406.6
Internal	7.6 1.6 49.9	124,8 36,4 -17,9 91,9 14,4	197.6 71.5 -57.2 149.6 33.7	200.1 53.7 -59.2 171.3 34.4	239.5 50.2 - 38.0 198.8 26.5	242.3 11.6 - 18.7 221.4 28.1	265.7 22.2 5.1 226.2 30.2	328.3 31.5 25.9 237.9 31.0	362.5 17.9 52.1 250.6 31.9	359.0 6.1 55.8 281.5 36.5
External <sup>a</sup> Percent of total Credit market funds Securities and mortgages Equity issues Bonds and mortgages <sup>4</sup> Loans end short-term paper. Other Profit taxes psyable Trade debt. Foreign direct investments in U.S.	38.6 34.2 26.3 5.7 20.6 7.9 5.3	33.6 21.2 27.1 36.5 9.9 28.6 -11.5 6.5 -2.4 6.3 2.6	155.1 44.0 87.8 21.0 -7.8 28.8 86.9 67.3 2.5 52.9 11.8	147.5 42.4 94.3 53.1 12.9 40.3 41.2 53.2 -1.7 39.6 15.3	143.0 37.4 93.7 22.8 -11.5 34.2 70.9 49.3 -6.8 30.8 25.3	85.3 26.0 60.8 44.0 11.4 32.8 36.6 4.7 -14.1 6.0 13.8	145.6 33.8 87.6 57.3 28.3 29.0 30.3 58.0 40.8 11.5	177.1 36.2 116.4 -10.0 -77.0 67.0 126.5 60.7 .7 34.4 25.6	130.6 27.0 82.1 15.3 -61.6 96.9 66.8 48.5 -1.8 33.0 17.2	127.6 26.3 97.2 26.6 -00.6 107.3 70.6 30.6 1.0 4.2 26.3
Ueee, total	06.0	158.4	262.8	248.2	248.2	282.8	300.1	483.1	438.5	497.2
Capital expenditures	18.7	112.2 41.2 5.0	238.3 124.5 - 10.1	244.1 99.1 4.4	266.3 62.8 33.3	286.3 35.7 35.6	274.8 124.3 32.2	371.2 97.9 34.3	353.1 85.4 44.6	352.3 94.9 40.6

<sup>1</sup> Inventory valuation and capital consumption adjustment. <sup>2</sup> Foreign branch profits, dividends, and subsidiaries earning and profits of the profits of

Source: Board of Governors of the Federal Reserve System. Data derived from Flow of Funds Accounts, annual.

#### No. 852. Corporate Profits, Taxes, and Dividends: 1970 to 1986

• billions of dollars. Covers corporations organized for profit. Represents profits to U.S. residents, without deduction of depletion charges and exclusive of capital gains and losses; intercorporate dividends from profits of domestic corporations are eliminated; not receipts of dividends, reinvested earnings of incorporated foreign affiliates, and earnings of unincorporated foreign affiliates are added.

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ofits before taxes ss: Income tax liability <sup>1</sup> juals: Profits after taxes. ss: Net dividends <sup>2</sup> juals: Undistributed profits. juals: Undistributed profits. juital consumption allowances <sup>3</sup> ofits after tax plus capital consumption allowances <sup>3</sup>	34.4 41.7 22.5 19.2 57.2	29.6 54.3 90.2	73.0 127.4 39.5 87.9 111.5	83.5 150.0 44.7 105.2 126.3	88.0 169.2 50.1 119.1 144.3	84.8	81.1 145.4 63.6 81.8 196.3	63.1 106.5 66.9 39.6 225.8	77.2 130.4 71.5 58.9 259.7	93.9 146.1 79.0 67.0 287.2	96.7 128.1 81.3 46.8 322.7	231.9 105.0 126.8 86.8 40.0 328.8

<sup>&</sup>lt;sup>1</sup> Federal, State and local. <sup>2</sup> Disbursements to U.S. residents, measured after eliminations of intercorporate dividends.
<sup>3</sup> Without capital consumption adjustment, includes depreciation and accidental damages.

# No. 853. CORPORATE PROFITS—FINANCIAL AND NONFINANCIAL INDUSTRIES: 1970 TO 1986 [In billions of dollars. Minus sign (-) indicates loss. See headnote, table 862]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Corporate profits with IVA 1 and CCA 2	74.7	117.6	174.8	197.2	200.1	177.2	188.0	150.0	213.7	266.9	277.6	284.4
mestic industries	67.8	103.2	156.5	175.0	166.4	142.8	159.4	121.9	183.6	236.0	247.1	253.2
Financial		11.6	21.6	29.1	27.3	19.7	15.2	10.1	18.0	13.6	19.4	27.5
Nonfinancial	55.4	91.6	134.9	146.0	139.1	123.1	144.2	111.9	165.6	222.4	227.7	225.8
ist of the world	6.9	14.4	18.3	22.2	33.7	34.4	28.5	28.0	30.2	30.9	30.5	31.2
Corporate profits with IVA 1	69.5	123.9	183.8	208.2	214.1	194.0	202.3	159.2	196.7	234.2	224.1	238.4
mestic industries	62.6	109.5	165.5	186.0	180.4	159.6	173.8	131.2	166.6	203.3	193.6	207.2
Financial		11.2	21.6	29.1	27.8	21.0	16.5	11.8	18.1	13.0	18.4	26.1
Federal Reserve banks	3.6	5.7	6.2	7.7	9.6	11.9	14.5	15.4	14.8	16.7	16.8	16.0
Other	8.6	5,5	15,4	21.4	18.2	9.0	1.9	-3.6	3.3	-3.7	1.6	10.1
Nonfinancial	50.4	98.3	143.9	156.8	152.6	138.6	157.3	119.4	148.5	190.3	175.2	181.1
Manufacturing		53.6	80.6	88.7	87.5	77.1	88.5	58.0	70.1	88.8	72.2	69.4
Durable goods 3	10.2	19.8	38.6	44.6	37.3	21.3	21.0	2.1	17.2	38.1	29.2	31.1
Primary metal industries	.8	2.7	1.3	3.5	3.6	2.5	3.1	-4.9	-4.9	6	-2.5	-1.8
Fabricated metal products		3.1	4.4	4.9	5.2	4.3	4.4	2.4	3.0	4.7	4.0	4.1
Machinery, except electrical		4.8	8.9	9.6	9.1	7.7	8.6	4.1	3.1	6.2	4.2	3.9
Electrical and electronic equip-	0.0	4.0	0.0	0.0	0.1		0.0	1		0.2	4.2	0.0
ment	1.2	2.4	5.8	6.7	5.2	4.7	4.1	1.7	3.7	5.5	4.5	4.3
Motor vehicles and equipment	1.2	2.0	9.4	8.9	4.7	-2.5	1.1	8	5.1	9.0	6.5	5.9
Nondurable goods *	16.5	33.8	42.0	44.0	50.2	55.8	67.5	55.9	53.0	50.7	43.0	38.4
Food and kindred products		8.8	6.9	6.2	5.8	6.1	8.7	7.0	7.2	6.7	7.0	8.7
Chemicals and allied products		6.4	7.8	8.2	7.2	5.4	8.2	5.2	6.7	8.0	4.2	6.7
Petroleum and coal products		9.5	12.9	14.7	22.5	31.4	36.5	29.1	21.4	17.2	13.7	5.4
Transportation and public utilities		10.3	17.9	20.9	15.2	17.6	19.5	19.3	28.5	38.5	37.5	42.4
Wholesale and retail trade		22.2	27.5	27.3	28.7	21.6	32.5	34.6	38.9	51.2	51.4	52.1
Other		12.2	17.8		21.1	22.4	16.8	7.5	10.9	11.8	14.1	17.2
Other	3.9	12.2	17.8	20.0	21.1	22.4	10.0	1.0	10.9	11.0	19.1	11.2

<sup>\*</sup> Inventory valuation adjustments. \* Capital consumption adjustment. \* Includes other industries not shown separately.

#### No. 864. Corporate Profits, by Industry: 1980 to 1986

n billions of dollars. Profits are without inventory valuation and capital consumption adjustments. Minus sign (-) indicates loss. See headnote, table 862]

<sup>&</sup>lt;sup>3</sup> Includes forestry and fisheries. <sup>3</sup> Includes real estate. <sup>3</sup> Consists of receipts by all U.S. residents, including both sponsitions and persons, of earnings of unicorporated foreign affiliates, dividends from their incorporated foreign affiliates, and sir share of reinvested earnings of their incorporated foreign affiliates, net of corresponding outflows.

Source of tables 862-864: U.S. Bureau of Economic Analysis, The National Income and Product Accounts of the United States, 189-82, and Survey of Current Business, July 1967 Issue.

#### No. 865. MANUFACTURING CORPORATIONS-SALES, PROFITS, STOCKHOLDERS' EQUITY, AND DEBT: 1960 TO 1986

[in billions of dollars. Prior to 1970, excludes newspapers. Data are not necessarily comparable from year to year due to changes in accounting procedures, industry classifications, sampling procedures, etc.; for detail, see source. See also Historical Statistics, Colonial Times to 1970, series P 93-108]

	A	LL MANL	JFACTUR	ING COR	PS.	D	URABLE	GOODS	INDUSTR	ES	NON	DURABL	E GOOD	S INDUST	RIES
WEAR		Pro	ofits	Stock-			Pro	ofits	Stock-			Pro	ofits	Stock-	
YEAR	Sales (net)	Be- fore taxes	After taxes	hold- ers' equi- ty '	Debt 1	Sales (net)	Be- fore taxes	After taxes	hold- ers' equi- ty !	Debt 1	Sales (net)	Be- fore taxes	After taxes	hold- ers' equi- ty '	Debt
1960 1965 1970	492	28 47 48	15 28 29	165 212 307	41 58 134	174 257 363	14 26 23	7 15 13	82 105 155	21 28 71	172 235 346	14 20 25	8 13 16	83 106 152	20 30 60
1972 1973 1974 1975	1,061	63 81 92 80	37 48 59 49	343 374 395 423	149 164 167 183	436 527 529 521	34 44 41 35	18 25 25 21	171 189 196 208	77 86 87 94	414 490 532 544	30 38 51 45	18 23 34 28	172 185 199 215	77 78 80 81
1976 1977 1978 1979 1980	1,328	105 115 133 154 145	65 70 81 99 92	463 497 541 600 665	188 200 222 252 292	590 657 761 866 883	51 58 70 72 57	31 35 42 45 36	224 240 263 292 316	91 95 106 123 143	614 671 736 876 1,014	54 57 63 82 88	34 36 39 54 57	238 257 278 308 349	106 117 125 146
1981 1982 1983 1984 1985	2,039	159 108 133 166 137 129	101 71 86 108 88 83	743 770 813 864 866 875	335 371 368 405 454 501	979 913 973 1,108 1,143 1,126	67 35 49 76 61 52	42 22 30 49 39 33	350 356 372 396 421 436	159 177 168 166 187 203	1,165 1,126 1,141 1,228 1,189 1,096	91 74 84 90 76 78	60 49 56 59 49 51	393 415 440 469 445 438	176 190 200 231 261 291

<sup>&</sup>lt;sup>1</sup> Annual data are average equity or debt for the year (using four end-of-quarter figures). <sup>2</sup> 1866 corporations with less than \$250,000 in assets at time of sample selection. Prior periods include estimal size category. \* 1886 data exclude estimates for e estimates for corporations in this

#### No. 866. Corporate Profits, Stockholders' Equity, Sales, and Debt Ratios, by Industry **GROUP: 1960 TO 1986**

[Averages of quarterly figures at annual rates. Based on sample; see source for discussion of methodology. Minus sign (-) indicates loss. See headnote, table 865]

INDUSTRY GROUP		TIO OF CKHOLD (per			PRO	OF 8	ER DO	LLAR	STOC	KHOLD	O OF ERS' E DEBT	QUITY
	1980	1984	1985	1986	1980	1984	1985	1986	1980	1984	1985	1986
All manufacturing corporations 1	13.9	12.5	10.1	9.5	4.9	4.6	3.8	3.8	2.3	2.1	1.9	1.8
Ourable goods Industries	11.2	12.4	9.2	7.5	4.0	4.4	3.4	2.9	2.2	2.4	2.2	21
Stone, clay, and glass products	10.8	9.4	7.9	10.5	4.2	3.6	3.1	3.9	1.9	1.7	1.7	1.5
Primary metal industries	11.7	-1.5	-7.9	-10.0	4.1	6	-2.6	-3.0	1.7	1.2		1.1
Iron and steel	9.0	-2.7	-11.0	-38.5	2.9	8	-2.6	-7.3	1.7	1.0	8.	1 3
Nonferrous metals	15.6	5	-5.7	4.3	5.8	3	-2.5	2.0	1.8	1.5	1.6	1.6
Fabricated metal products	13.9	12.9	9.2	8.7	4.2	3.9	2.8	2.8	2.1	1.8	1.6	1.6
Machinery, exc. electrical	15.0	11.8	9.3	6.0	6.5	5.8	4.7	3.3	2.2	2.8	2.6	2.5
Electrical and electronic equipment	15.1	11.7	8.3	8.9	5.0	4.4	3.4	3.9	2.6	2.9	2.7	2.5
Transportation equipment	6	20.4	15.4	12.4	3	5.2	4.1	3.6	2.7	3.3	2.9	27
Motor vehicles and equipment	-9.3	24.8	18.2	14.4	-3.4	6.1	4.9	4.2	3.4	4.0	4.2	3.2
Aircraft, guided missiles and parts	16.0	14.1	11.1	9.4	4.3	4.1	3.1	2.9	2.8	3.7	2.6	2.8
Instruments and related products	17.5	12.5	10.1	3.1	9.3	7.0	5.7	1.8	4.3	4.1	3.5	3.0
Nondurable goods industries	16.4	12.6	11.5	11.5	5.6	4.8	4.1	4.6	2.3	2.0	1.7	1.5
Food and kindred products	14.7	13.3	₹ 15.3	2 16.2	3.4	3.3	24.1	24.2	1.9	1.5	2 1.4	* 1.1
Tobacco manufactures	19.8	20.4	(1)	(°)	11.7	12.0	(2)	(°)	1.8	2.3	(°)	(3
Textile mill products	8.5	11.2	8.6	13.1	2.2	3.2	2.4	3.7	2.0	1.8	1.5	15
Paper and allied products	12.1	10,7	9.7	10.7	5.1	4.2	4.0	4.4	2.0	1.7	1.7	1.5
Printing and publishing	16.4	18.2	19.2	18,6	5.5	6.0	6.5	6.7	2.1	2.0	1.7	1.6
Chemicals and allied products	15.4	14.0	9.4	12.9	7.1	6.6	4.7	6.2	2.2	2.3	2.1	1.7
Industrial	11.9	11.6	4.2	12.5	5.4	5.4	2.2	6.0	1.9	2.1	1.8	1.5
Drugs	19.9	20.2	15.2	23.0	13.2	13.3	9.8	14.6	3.0	3.0	3.2	2.5
Petroleum and coal products	20.0	10.0	8.5	6.1	7.7	5.1	4.0	3.8	3.4	2.0	1.6	1.5
Rubber and misc. plastics products	. 6.7	13.6	9.5	11.9	2.0	3.8	2.6	3.4	1.6	2.0	1.6	1.5
Mining corporations, total 3	19.2	4.0	-4.0	-16.6	11.3	3.0	-3.2	-14.4	1.3	1.0	1.0	1.0
Retail trade corporations, total 3		14.6	12.5	12.3	1.7	2.6	2.2	2.3	1.2	1.5	1.4	1.3
Wholesale trade corporations, total 3	17.3	9.9	8.7	8.4	1.8	1.2	1.0	1.1	1.2	1.0	1.0	1.6

Source: Through 1961, U.S. Federal Trade Commission, thereefter, U.S. Bureau of the Census, Cuarterly Financial Report to Manufacturing, Mining and Trade Corporations. In U.S. Council of Economic Advisors, Economic Report of the President, annual.

<sup>&</sup>lt;sup>1</sup> Includes other industries not shown separately. <sup>2</sup> Beginning 1985, tobacco included in food and bindred products. 
<sup>8</sup> Beginning 1884, represents results of companies with assets over \$25 million.

Source: 1980, U.S. Federal Trade Commission, thereafter, U.S. Bureau of the Census, Chartely Financial Report & bindlecting, Mining and Trade Corporations. In U.S. Council of Economic Advisors, Economic Report of the President, asmall.

## 167. U.S. LARGEST PUBLIC COMPANIES—RETURN ON EQUITY, DEBT EQUITY RATIO, SALES, AND EARNINGS PER SHARE—BY INDUSTRY: 1982 TO 1986

ir ending in September. Included in the Forbes Universe of 1,000 companies is every firm with revenue of over \$475 in 1995. Represents industry medians; calculated by lieting companies in rank order and selecting the midpoint. Where is an even number of companies, an arithmetic average of the two middle companies is substituted)

INDUSTRY	Retu 5-year rank	rn on equit		19	86 Net		Sales 4		Earni	ngs per sh	are
INDUSTRY	5-year rank				Not						
		(per- cent)	1986 (per- cent)	Debt/ equity ratio **	profit mar- gin 3 (per- cent)	5-year rank	1982-86 average (per- cent)	1986 (per- cent)	5-year rank	1982-86 average (per- cent)	1986 (per- cent)
industry medians	(x)	12.6	13.0	46.0	3.9	(x)	7.1	3.9	00	9	2.8
e and tobacco	1	21.9	18.2	33.8	6.5	12	7.6	11.0	5	9.2	10.4
u and tobacco	2	19.3	15.6	31.3	8.3	11	8.3	13.6	3	10.5	10.5
nications media	3	19.1	20.9	46.0	7.3	4	11.5	12.0	1	15.6	9.0
		17.0	13.0	62.0	1.2	9	9.5	8.8	4	9.6	1.2
tributors	2	16.7	16.7	13.9	6.3		5.2	7.3	8	7.1	9.8
equipment	5					21					
services	6	16.5	13.9	120.3	3.9	1	15.6	9.2	16	9	8.9
	6	16.5	13.0	52.4	2.7	3	12.6	8.8	2	11.6	7.5
I, office services	8	15.3	14.5	24.5	4.0	12	7,6	14.2	6	8.8	5.2
ocessors	9	15.1	14.6	51.3	3.1	20	5.3	6.0	8	7.1	12.9
nd thrifts	10	15.0	15.5	41.9	7.8	2	13.7	5.4	7	7.6	12.0
ce and defense	11	14.9	12.3	28.1	3.9	23	4.7	5.4	14	.6	-7.9
utilities	12	14.3	14.5	93.5	13.1	10	8.4	6	10	6.8	2.8
munications	12	14.3	13.3	63.0	8.8	5	11.4	3.6	20	-3.0	3.0
gas	14	14.0	11.3	81.9	4.8	14	7.5	-6.5	11	5.2	-8.5
er products	15	12.7	13.6	41.7	4.4	26	3.9	7.4	17	-1.7	9.3
ė ,,,,,,,	16	12.6	14.6	17.2	5.8	6	11.1	16.3	12	3.4	48.2
and recreation	17	12.5	13.4	82.2	5.2	21	5.2	21.6	26	-10.9	7.7
ers and electronics	18	12.2	6.3	20.5	3.0	7	10.9	1.8	22	-4.2	-35.3
	19		13.1	44.5	3.8	18	6.2	6.0	13	1.3	9.6
<b>g</b>		11.9							14		-10.4
transportation	19	11.9	10.4	81.2	3.1	15	7.2	2.9		.6	
US	21	11.8	10.9	42.7	4.3	28	1.5	1.1	25	-10.2	1.1
verates	21	11.8	9.0	60.1	2.9	27	2.3	-2.3	19	-2.3	-20.1
NO	23	11.5	10.1	36.7	2.9	17	6.5	3.0	21	-3.6	-29.9
shoes and tex-		1 1 2 7 3	1252	10.7	100		122	100	100	10.27	100
	24	11.3	8.7	35.5	2.8	19	5.5	-2.1	18	-2.0	39.6
	25	10.9	(6)	63.1	(5)	29	.5	-15.4	28	-34.0	(NS
tion	26	10.5	8.6	40.2	3.1	24	4.6	2.6	24	-5.1	-8.3
	27	10.4	10.4	63.5	4.6	16	7.1	3.9	22	-4.2	7
	28	6.4	11.3	75.5	3.8	25	4.5	2.4	29	(NS)	- 13.5
port	29	6.1	2.3	83.6	.7	8	9.8	2.7	29	(NS)	93.
quipment	30	5.7	6.7	42.8	2.2	30	-2.9	1.0	27	-33.1	-37.6
quipment	31	(0)	(*)	50.7	(5)	31	-3.7	-3.0	29	(NS)	(NS

Not significent. X Not applicable. 

Represents net income divided by common shareholders' equity. Common idens' equity is total shareholders' equity including the stated value of all perferred stock at the beginning of each year he involuntary liquidating value of non-convertible preferred shares.

\*Long-term debt, including capitalized leases, by total equity, including preferred equity.

\*Net income divided by net sales, including other operating income.

\*Net some divided by net sales, including other operating income.

\*Net income divided by net sales, including other operating income.

#### ). 866. SMALL BUSINESS ADMINISTRATION LOANS TO ALL SMALL BUSINESSES: 1970 TO 1986

tel year ending in year shown; see text, section 9. A small business must be independently owned and operated, must a dominant in its particular industry, and must meet standards set by the Small Business Administration as to its annual its or number of employees. Loans include both direct and guaranteed loans]

LOANS APPROVED	Unit	1970- 1986	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
all businesses	1,000	24.7 5.4	31.8	31,7	30.2	31.7	28.7	15.4	19.2	21.3	19.3	16.8
of all businesses total loans minority-operated	Percent Mil dol	2,602	19 3,049	3,314	3,407	19 3,858	18 3,668	16 2,038	3,007	3,450	3,217	3,013
of all loans	Mil. dol Percent	315 12	352 12	402 12	428 13	470 12	454 12	238 12	295 10	383	324 11	265

e: U.S. Small Business Administration, unpublished data.

s: Forbes, Inc., New York, NY, Forbes Annual Report on American Inclustry. (Copyright.)

No. 869. U.S. PARENT COMPANIES AND THEIR FOREIGN AFFILIATES—ASSETS, SALES, EMPLOYMENT, EMPLOYEE COMPENSATION, U.S. EXPORTS AND IMPORTS: 1985

[In millions of dollars, except as indicated]

		U.S. PA	RENTS		1		POREIGN	AFFILIATES		
INDUSTRY <sup>1</sup>	Total accets	Sales	Employ- ment (1,000)	Employ- ee compen- sation	Total accets	Sales	Employ- ment (1,000)	Employ- ee compen- setion	U.S. exports shipped to foreign atta-	U.S. imports shipped from toreign atta-
All industries	3,453,876	2,581,114	18,074.7	552,007	037,000	900,032	6,425.6	102,316	99,441	70,10
Petroleum	544,825	440,875	1,000.7	39,819	183,369	261,037	334.9	9,811	2,470	15,26
Manufacturing	1,273,104	1,245,314	10,477.6	349,030		386,175	4,355.2	66,315	49,531	48,30
Food and kindred products	117,590	148,754	1,096.6	26,048	23,368	37,165	490.8	4,854	1,258	777
Chemical and allied prod-				l	l	<b></b>	l			
ucts	186,424	172,765	1,239.0	41,247	67,493	73,111	581.9	9,505	5,505	2,90
Primary and fabricated metals	101,189	92,405	758.9	26,213	20,891	20.341	276.9	3.852	1,150	1.11
Machinery (except electri-	101,100	92,400	/55.9	20,213	20,00	20,341	2/0.9	3,002	1,130	1,
cel)	163,266	141,204	1,412.9	50,367	48,660	60,423	583.3	11,338	7.899	5.514
Electric and electronic	,		1	55,55.	"-,	50,100	555.5	1	1 .,,,,,,	
equipment	157,340	148,891	1,566.0	51,875	27,478	33,807	864.5	8,003	6,246	7,53
Transportation equipment	324,218	317,282	2,186.4	89,431	80,315	98,507	928.8	16,527	22,778	25,00 4,00
Other		224,208	2,217.2	63,851	56,936	64,822	890.2	12,437	4,885	4,86
Wholesale trade	53,579	167,265	355.1	7,337	68,346	131,126	464.4	9,400	16,083	4,83
Finance (except banking), in-		i		l	L				l	1
surance, real estate		256,401	904.6		208,289	31,777	140.5	2,963	17	نہ ا
Services	76,832	65,965	1,177.0	23,072	20,846	19,613	308.4	5,364	222	
Other industries	492,353	405,274	4,150.7	102,054	51,807	66,302	822.3	8,472	1,118	1,02

Represents zero.
 <sup>1</sup> Represents industry of U.S. perent or industry of foreign affiliate.
 Source: U.S. Bureau of Economic Analysis, Survey of Current Business, June 1987.

### No. 870. CORPORATE PHILANTHROPY AS A PERCENT OF PRETAX NET INCOME: 1963 TO 1965

[Deta are based on a sample of 1,200 corporations. Corporation must have given at least \$100,000]

INDUSTRY CLASS	1983	1984	1985	INDUSTRY CLASS	1963	1984	1985
All firms, average Manufacturing firms, average Chemicals Electrical machinery and equipment Fabricated metal products Food, beverage and tobacco Machinery, nonelectrical Mining. Paper and like products Petroleum and gas	.83 .86 1.29 .94 .28 .89 1.09 .49 1.66	.93 .90 1.03 .90 1.26 1.10 .95 .88 1.15	.99 1.05 1.31 1.33 .94 1.10 1.39 1.69 1.23	Manufacturing firms, average—Con, Pharmaceuticals Primary metal industries Printing and publishing Rubber, misc. plastic products Stone, clay and glass products Textiles Transportation equipment Nonmanufacturing firms, average	1.16 2.94 1.10 .68 1.45 1.29 .73 .76	1.30 1.24 1.19 .80 1.04 2.89 .88 1.01	1.23 .56 1.22 1.25 1.89 4.97 .99

Source: Platzer, Linda Cardillo, Annual Survey of Corporate-Contributions, The Conference Board, New York, NY. (Copyright.)

#### No. 871. PATENTS AND TRADEMARKS: 1961 TO 1986

[In thousends. Celender year data. Covers patents leaved to citizens of the United States and residents of foreign countries. For information on copyrights, see table 895. See also Historical Statistics, Colonial Times to 1970, series W 95-106]

ITEM	1961- 1970	1971- 1980	1978	1979	1980	1981	1982	1983	1984	1985	1986
Patent applications filed	967.8	1,091.5	109.3	108.9	113.0	114.5	118.4	112.4	120.6	127.1	133.0
Inventions		1,019.4	100.9	100.5	104.3		109.6				122.4
Designs		65.8	7.5	7.5	7.8	7.4	8.2	8.1	8.7	9.6	9.9
Botanical plants	1.2	1.7	.2	.2	.2	.2	.2	.3	.3	2	.3
Reissues	2.7	4.6	.7	.6	.6	.5	.4	.3	.3	.3	.3
Patents Issued	618.3	731.0	70.5	52.4	66.2	71.0	63.3	62.0	72.7	77.2	77.0
Inventions	585.1	687.8	66.1	48.9	61.8	65.8	57.9	56.9	67.2	71.7	70.9
Individuals	143.3	152.0	14.3	9.3	13.3	14.1	11.9	10.5	12.3	12.9	13.3
Corporations: U.S	343.1	343.3	31.3	23.8	29.4	29.5	25.8	25.7	30.1	31.3	29.6
Foreign 1		176.4	19.3	14.8	18.2	21.0	19.2	19.6	23.6	26.4	27.0
U.S. Government		16.1	1.2	.9	1.0	1.1	1.0	1.0	1.2	1.1	1.0
Designs		38.1	3.9	3.1	3.9	4.7	4.9	4.6	4.9	5.1	5.5
Botanical plants	1.0	1.6	2	.1	1 1	2	2	.2	2	2	2
Reissues	2.1	3.4	.4	.3	.3	4	.3	A	.3	.3	3
Published applications #	.6	1.3	.1	.1	(z)	.1	(z)	(z)	(z)	(z)	2
Foreign country residents *		237.3	25.1	18.2	(Z) 24.7	26.5	.2 .3 (z) 24.0	(Z) 25.4	(z) 30.5	(z) 33.9	34.9
Certificates of trademarks issued		309.0	35.1	25.9	24.7	48.6	48.4	46.8	54.0	71.7	54.5
Trademarks		250.6	29.6	20,5	18.9	42.7	42.4	40.5	48.6	65.8	49.4
Trademark renewals	39.0	58.4	5.5	5.4	5.9	5.9	6.0	6.2	5.4	5.9	5.1

Z Less than 50. Includes patents to foreign governments. Abstracts of technical disclosure of patent published at request of applicant or owner. The practice called "Detentive Publications" began Nov. 1995 and ended July 1995. The current practice, called "Statutory Invention Registrations," began May 1995. Includes patent inventions and patents for designs, botanical plants and releases. Beginning 1990, also includes published applications.

Source: U.S. Patent and Trademark Office. Fiscal-year figures are published in the Commissioner of Patents and Trademarks
Annual Recort.

# 726

#### Section 18

## Communications

its section presents statistics on the usage, finances, and operations of the Postal Service and ne various communications media: Telephone, telegraph, radio, television, newspapers and perials. Expenditures data for advertising in the media are also included.

setal Service.—The Postal Service provides mail processing and delivery services within the set States. The Postal Reorganization Act of 1970 created the Postal Service, effective July 1, as an independent establishment of the Federal Executive Branch; it also placed restrictions he private delivery of mail.

Revenue and cost analysis" is the term used by the Postal Service to describe its system of buting revenues and costs to classes of mail and service. This system draws primarily upon sability sampling techniques to develop estimates of revenues, volumes, and weights, as well as a by class of mail and special service. The costs attributed to classes of mail and special servare primarily incremental costs which vary in response to changes in volume; they account for thily 60 percent of the total costs of the Postal Service. The balance represents "institutional as" which includes funds for research and development, portions of personnel and office suply, etc. Statistics on revenues, volume of mail, and distribution of expenditures are presented in Postal Service's annual report, Revenue and Cost Analysis, and its Annual Report of the Postater General.

pmmunication media.—The Federal Communications Commission (FCC), established in 1934, lates wire and radio communications and licenses radio and television stations. Only the larg-carriers and controlling companies file annual or monthly financial reports. Jurisdiction of the applies to domestic and overseas telegraph carriers and to the Communications Satellite Cortion (Comsat), but not to a large number of telephone carriers that are engaged in intrastate ics. The gross operating revenues of the telephone carriers reporting annually to the FCC, how; are estimated to cover about 90 percent of the revenues of all U.S. telephone companies, aports filed by the broadcasting industry cover substantially all radio and television stations oping in the United States and its outlying areas. Statistics covering the private radio services report the largest and most diverse group of licensess regulated by the FCC. These services prily provide two-way radio communication for emergency and business purposes in the aviation, ne, land transportation, and other industries; police, fire, and other public safety programs; and teur and personal operations. Principal sources of wire, radio, and television data are the FCC's unil Report, and its annual Statistics of Communications Common Carriers.

intistics on the printed media are available from the U.S. Bureau of the Census, as well as from sus private agencies. The censuses of manufactures (conducted by the Census Bureau every years, for the years ending in "2" and "7") provide statistics on the number and circulation of spapers and periodicals and on sales of books and pamphlets. Editor & Publisher Co., Inc., York, presents annual data on the number and circulation of daily and Sunday newspapers in new relational Year Book. Monthly data on new books and new editions appear in Publishers widy, issued by R. R. Bowker Company, New York. (See table 368 for annual data.)

tivertising.—The statistics on advertising expenditures are compiled primarily by private organiris. McCann-Erickson, Inc., which compiles certain of the data shown (see tables 896-898),
res national advertising as the advertising done for companies whose products are distributed
risally, and for which national media rates are paid. Local advertising is defined as the advertisdione for companies which market their products locally and which may pay special "local"
la rates. Spot advertising is considered time bought by a national advertiser on a selective
tet basis. Monthly index figures of advertising in certain media are also published periodically
lcCann-Erickson in Advertising Age.

we Broadcast Advertisers Reports (see tables 900-902) distinguished between spot and local artising primarily on the basis of the type of advertiser to whom the time is sold, rather than how by whom it is sold. In general, time purchased on be half of retail or service establishments in

the market is considered local, even though the establishments may be part of a national or regional chain. That is, spot advertising promotes a product, while local advertising promotes a given establishment. Network advertising, mutually exclusive of spot and local, is broadcast through the network system.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III. Historical statistics.—Tabular headnotes provide cross-references, where applicable, to Historical Statistics of the United States, Colonial Times to 1970. See Appendix IV.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in State and Metropolitan Area Data Book 1986. For cross-references, see Appendix V.

No. 872, U.S. POSTAL SERVICE—SUMMARY: 1900 TO 1988

[For flecal years; see text section 9.includes Puerto Rico and all outlying areas except Canal Zone. See text section 18. See all Historical Statistics, Colonial Times to 1970, series R 163- 171]

	i		FINANCES 1			Seles of	Postage		PIECES	OF MAIL	HANDLE	(eeL)
	Num- ber of	Reve-		Defi-	Reve- nue per	stamps and	peid under permit	Money orders issued.		First-c	ines *	Sec
YEAR	Post Offices	nues (mil. dol.)	Expendi- tures * (mil. dol.)	cit (mil. dol.)	cep- ita <sup>2</sup> (dol.)	stamped paper (mil. dol.)	and meter (mil. dol.)	total (mil. dol.)	Total 4 (bil.)	Num- ber (bil.)	Per- cent	
1900	76,688	102	108	5	1.34	94	('')	256	7.1	(NA)	(24)	•••
1910	59,580	224	230	6	2.43	202	1 4	636	14.9	inai	نسفا	iwi
1920	52.641	437	454	17	4.11	380	13	1,366	(NA)	inai	inni	iwi
1930	49,063	705	804	98	5.75	575	74	1,767	27.9	16.9	60.6	6.0
1940	44,024	767	808	41	5.84	522	177	2,108	27.7	15.2	54.9	4.6
1950	41,464	1,677	2,223	545	11.14	862	678	*5,136	45.1	24.5	54.3	
1965	38,318	2,349	2,712	363	14.33	890	1,136	5,883	55.2	28.7	52.0	6.7
1960	35,238	3,277	3,874	597	18.27	1,245	1,699	5,058	63.7	33.2	52.1	7.5
1965	33,624	4,463	5,276	793	23.17	1,528	2,529	4,540	71.9	36.1	53.0	8.6
1970	32,002	7,702	7,867	165	31.05	1,936	3,863	4,709	84.9	48.6	57.2	9.4
1971	31,947	8,751	8,965	204	32.24	1,999	4,126	4,728	87.0	50.0	57.5	8.6
1972	31,688	9,347	9,522	175	37.89	2,371	4,861	4,731	87.2	48.9	58.1	9.5
1973	31,385	9,913	9,926	13	39.77	2,399	5,141	4,700	89.7	51.0	58.9	9.9
1974	31,000	10,857	11,295	438	42.85	2,504	5,623	5,194	90.1	51.8	57.3	8.6
1975	30,754	11,590	12,578	906	47.08	2,819	6,241	5,866	89.3	51.4	57.6	9.1
1976	30,521	12,747	13,923	1,176	52.21	3,155	6,863	6,243	89.3	52.1	58.0	8.9
1976,TQ		3,402	3,387	10 15	14.11	815	1,895	1,639	21.5	12.5	58.1	21
1977		14,622	15,310	688	80.18	3,658	7,961	5,636	92.2	63.7	58.2	8.7
1976	30,518	15,841	16,220	379	64.91	3,943	8,866	5,587	96.9	56.0	57.8	8.7
1979	30,449	17,999	17,529	19470	73.37	4,362	10,062	5,631	99.8	58.0	58.1	8.4
1930	30,328	19,105	19,412	306	77.32	4,287	10,826	6,112	106.3	60.3	58.7	8.4
1961	30,242	20,781	21,389	588	83.62	4,625	11,891	8.692	110.1	81.5	55.8	10.0
1962	30,155	23,828	22,826	10 802	97.83	5,559	13,984	6.920	114.0	62.3	54.5	9.5
1983		24,699	24,063	10616	101.08	5,709	14,755	7,355	119.4	64.3	53.8	9.2
1984	29,750	26,474	28,357	10117	107.77	6,023	16,067	8,121	131.5	66.4	52.0	9.5
1965	29,557	28,956	29,207	251	116.60	6,520	17,747	9.036	140.1	72.4	51.7	10.4
1906	29.344	31.021	30,716	10 305	125.48	6,999	19,294	10,887	147.4	76.2	51.7	10.6

NA Not available. 

After allowence for reimbursements, embossed envelope purchases, indemnity claims, and misc as revenue and expenditure offsets. Through 1950, includes some payments and receipts applicable to services in prior spinning 1955, expenditures are shown in year in which obligation was incurred, and revenues in year which gave rise imings, whether collected or accrued. In 1954, the Postal Service began receiving reimbursement for penalty and frantes discontinued payment of subsidies to airlines. Revenues for 1900 include \$37.4 million reimbursement from the Traneral Fund for statutory public services. These and other changes affect comparability of figures. See also footnote 2.73. 

Includes capital expenditures for plant and equipment and cost of materials and supplies, but no provide precision. Also includes costs of certain services rendered to other agencies without reimbursement but excludes or when services rendered in the Postal Service but other sensions. Bearinging 1955, propesents obligations incurred; beginning depreciation. Also includes costs of certain services rendered to other agencies without reimbursement but excludes costs of certain services rendered to other agencies without reimbursement but excludes costs represents accrued expenses, including depreciation on fixed assets, reimbursable work for others, and expenses paid by on other agencies without reimbursement by the Postal Service. \*Operating revenue only; based on Burses paid by on estimated total population as of Jan. 1, including Armed Forces abroad. \*Includes other classes of mail not shown separate See table 875. \*Interne mailed at 1st-clase rates and weighing 12 ounces or less. Beginning 1977, includes air mail which discontinued as a separate class of mail. Includes items wholly or partially in writing or typewriting, cards or bills and statement account, items closed against postal inspection, etc. \*Includes mail paid at other than bulk rates. See footnote 7, the State of the insugurated. \*Includes postal notes issued under act of Congress. \*Transition querter, Sept. \*\*Net income.

Source: U.S. Postal Service, Annual Report of the Postmester General.

#### No. 873, U.S. Postal Service Revenues: 1970 to 1986

(th millions of dollars, except percent. For fiscal years; see text, section 9. Includes Puerto Rico and all outlying areas except Canal Zone. See text, section 18)

ITEM	1970	1975	1975	1970	1986	1961	1902	1982	1984	1986	1800
Total revenue 1	7,702	11,000	15,841	17,000	19,106	20,781	23,626	24,800	26,474	28,966	31,021
SOURCE		ŀ					ľ				
Operating postal revenue * Stamps, postal cards, etc	6,347	10,015 2,819	14,133	16,106 4,362	17,143 4,287	19,133 4,625	22,600 5,559	23,582 5,709	25,314 6,023	27,736 6,520	30,102 6,960
Second-class postage paid in	I .		3,5-3	7,502	7,207	7,023	3,555	3,700	0,023	0,320	0,50
money (pound rates) 3	192	284	551	755	861	911	996	991	1,056	1,339	1,27
Other postage paid under permit			1						1	.,	1
and meter		6,241	8,866	10,062	10,828	11,891	13,984	14,755	16,067	17,747	19,29
Box rents		67 556	124 758	153	180	166	168	202	168	230	250
Money-order revenues		53	756	91	95	1,427	1,771	1,801	1,847	1,774	2,174
Government appropriations		1.533	1.722	1,720	1.610	1.275	707	789	879	970	710
Percent of total revenue	17.6	13.2	10.9	9.6	8.4	6.1	3.0	3.2	3.3	3.3	2.
Investment income, net	-	37	• -14	173	353	373	321	328	282	250	203
MAIL AND SERVICE								į			
First-class mail *	3.291	5.798	8.575	9,733	10,148	11,457	13,747	14.255	15.216	16,740	18,035
Priority mell 4	282	411	497	581	612	758	623	849	926	980	1.011
Second-class publishers' mail 7 Third-class mail 8	190	277	539	739	864	985	951	958	1.025	1.093	1.22
Third-class mail *	827	1,348	1,967	2,216	2,412	2,643	3,303	3,677	4,241	4,887	5,800
Bulk rate	(NA)	1,167	1,745	1,967	2,168	2,405	3,092	3,482	4,039	4,897	5,414
_ Single piece rate and fees	(NA)	181	242	249	244	236	211	196	202	190	193
Fourth-class mail *	778	718	673	747	805	786	786	753	774	763	814
etc.)		577	460	454	500	499	507	500	519	524	550
Special fourth-class rate	(NA)	130	187	237	272	251	237	206	210	199	213
Library rate and fees		111	27	27	33	36	44	47	45	40	5
Government mell 10	100	464	626	876	745	761	918	913	901	934	993
International mail 11	270	390	499	550	596	735	862	874	859	862	934
Special services	236	251	439	506	518	823	823	866	688	918	971
Express mail		(X)	80	134	184	270	339	422	490	544	49
Mallgrame	(X)		11	15	15	16	16	14	13	15	17
Other 13	1,629	1,913	1,905	2,120	2,205	1,647	1,028	1,118	1,159	1,220	918

<sup>-</sup> Represents zero. NA Not available. X Not applicable. 

1 Net revenue after refunds of postage. Includes operating reimbursements.

2 The U.S. Postal Service was established July 1, 1971. Revenues for 1970 are those of the Post Office Department. Revenues for 1970 have been restated to be consistent with subsequent years. See also footnote 1, table 872.

3 Includes controlled circulation publications.

4 Interest expense on loans exceeded interest income received from invest-needs.

5 See footnote 5, table 872.

5 The months of the seed of

Source: U.S. Postal Service, Annual Report of the Postmaster General.

#### No. 874, U.S. POSTAL SERVICE EMPLOYEES, BY TYPE: 1970 TO 1986

[In thousands, except as Indicated, For facal years; see text, section 9. Includes Puerto Rico, and all outlying areas except Canal Zone. See Historical Statistics, Colonial Times to 1970, series R 187, for total employees]

ITEM	1970	1975	1975	1996	1981	1982	1986	1964	1986	1986
Total employees	741	702	963	667	670	675	679	702	744	786
Regular Postmasters Office supervisors and tech personnel Office clerks and meil handlers <sup>1</sup> City carriers and vehicle drivers Rural carriers. Other Substitute (part-time)	243	559 30 37 239 167 31 55 143	534 28 38 230 160 32 46 129	536 29 38 229 160 33 49 130	544 29 37 232 164 33 49 126	547 29 38 232 165 34 49 126	547 28 39 229 166 34 51 132	561 28 45 235 171 35 47 141	586 28 46 249 179 35 46 159	606 27 49 260 187 38 47
Compensation and employee benefits (mil. dol.)	8.721	10,805 15,392 127	15,162 22,869 151			19,094 28,283 169	20,070 29,565 176		24,349 32,727 188	25,576 32,581 179

Includes mobile unit employees.
 Includes fringe benefits.

Source: U.S. Postal Service, *Annual Report of the Postmester General.*

#### No. 875. U.S. POSTAL SERVICE-VOLUME OF MAIL, BY CLASS: 1970 TO 1986

[In millions, except per capits. For flecal years; see text section 9. Includes Puerto Rico and all outlying areas except Cenal Zone. For definition of classes of mail, see footnotes, table 901. See also Historical Statistics, Colonial Times to 1970, series R 172-186]

		PI	ECES OF	MAIL			WEK	ENT OF M	AIL (PD.)	
CLASS OF MAIL	1970	1975	1986	1980	1980	1970	1975	1990	1995	1986
Total	84,882	80,206	106,311	140,000	147,376	13,261	12,025	12,966	16,783	17,162
Domestic. 1st clase and airmail 1 Priority mail. 2d clase 3 3d clase 4 4th clase. Penalty. Franked and free for blind.	50,174 165 9,914 19,974 977	86,334 52,482 207 9,713 21,867 801 2,928 336	105,348 80,332 248 10,221 30,381 633 2,992 540	139,269 72,517 306 10,380 52,170 578 2,688 710	148,578 76,252 330 10,588 55,049 802 2,970 787	13,055 1,636 371 3,641 2,032 4,786 540 49	11,824 1,748 440 3,024 2,283 3,754 527 50	12,742 2,213 591 3,478 3,240 2,861 503 58	16,564 2,807 672 3,966 6,453 2,156 470 40	16,534 2,937 704 3,972 6,544 2,254 469 54
international	895	932	983	829	798	226	201	216	219	216
Per capita: 9 Total, all domestic mail 4 1st class and airmeil 2d class 9 3d class 4th class	245 49 98	411 244 45 102 4	454 206 45 134 3	585 304 44 219 2	611 318 44 229 3	64 8 18 10 23	55 8 14 11 17	58 10 15 14 12	70 12 17 27	71 12 17 27

Beginning 1990, includes express mail established as a class of mail on October 9, 1977, and maligrams.
 \*\*See footnote 7, table 873.\*\* \*\*2 1970 and 1980, based on April 1 population, including Armed Forces abroad; otherwise, based on estimated total population as of Jan. 1, including Armed Forces abroad.
 \*\*Includes types of mail not shown separately.\*\*

Source: U.S. Postal Service, Annual Report of the Postmester General.

#### No. 876. U.S. Postal Service Rates for Letters and Post Cards: 1958 to 1967

[See also Historical Statistics, Colonial Times to 1970, series R 166-191]

		SURFAC	ZE MAJL		ρ.			SURFA				
DATE OF RATE		Letters		Postal	Do- mestic	DATE OF RATE		Letters		Postal	Do- meetic	<b>E</b> +
CHANGE	Each ounce	First ounce	Each added ounce	and poet cards	airmail let- ters <sup>1</sup>	CHANGE	Each ounce	First	Each added ounce	and post cards	airmail letters	press mail <sup>2</sup>
1966 (Aug. 1) 1963 (Jan. 7) 1966 (Jan. 7) 1971 (May 16) 1974 (Mar. 2) 1975 (Sapt. 14)	5¢ 8¢ 8¢ 10¢	FEEEEE	#8888	3¢ 4¢ 5¢ 6¢ 8¢ 7¢	7¢ 8¢ 10¢ 11¢ 13¢ (x)	1976 (Dec. 31) 1978 (May 29) 1981 (Mar. 22) 1981 (Nov. 1) 1985 (Feb.17) In effect, Oct. 1987	888	3 13¢ 15¢ 18¢ 20¢ 22¢ 22¢	* 11¢ 13¢ 17¢ 17¢ 17¢ 17¢	9 9¢ 10¢ 12¢ 13¢ 14¢	3 33335	80 80 80 99.36 \$10.75

X Not applicable. 

<sup>1</sup> Each ounce, except as noted. 

<sup>8</sup> Post Office to addressee rates. Rates shown are for weights up to 2 pounds, all zones. Beginning Feb. 17, 1985, for weights between 2 and 5 lbs, \$12.85 is charged. Prior to Nov. 1, 1981, rate varied by weight and distances. Over 5 pounds still varies by distance.

<sup>9</sup> As of October 11, 1975, surface mail service upgraded to level of airmail. 

<sup>9</sup> As of May 1, 1977, domestic airmail service, as a separate class of mail, was discontinued.

Source: U.S. Postal Service, "United States Domestic Postage Rates: Recent History," and unpublished data.

## NO. 877. INTERNATIONAL AIR MAIL RATES FROM THE U.S.: 1981 TO 1987 [Excludes Canada and Mexico]

ZONE 3 3 ZONE 1 1 ZONE 2 8 Each Each Each ounce up to two ounces ounce Each added 1/2 Each added % ounce DATE OF RATE CHANGE up to up to two ounce ounce ounces .13 .15 .17 .21 .25 .35 .15 .20 .21 .28 .31 .40 .44 .15 .20 .21 .21 .26 \*.35 7.39 25 25 26 31 40 44 44 .25 .21 .21 .26 .36 .39 .39 .13 .15 .17 .21 •.30 •.33 Jan. 1, 1961 Feb. 17, 1985 in effect, Oct. 1967 .26 .33

Source: U.S. Postal Service, unpublished data.

<sup>&</sup>lt;sup>1</sup> Caribbean, Central and South America. The airmeil letter rate to South America, 1961 to 1967, was the same as that to Europe. Beginning January 3, 1976, the airmeil letter rate to all South American countries except Colombia and Venezuela are included in the first zone.

<sup>8</sup> Europe and Mediterranean Altone.

<sup>8</sup> Rever and Mediterranean Altone.

<sup>8</sup> Rever and Westerranean Altone.

<sup>8</sup> Rever and Westerranean Altone.

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No. 878. UTILIZATION OF SELECTED MEDIA: 1950 TO 1987

ITEM	Unit	1950	1960	1970	1975	1980	1982	1983	1984	1985	1986	1987
s with—				171	1.01					-		17.5
ne service 1	Percent	(NA)	78.5	87.0	(NA)	93.0	(NA)	(NA)	91.8	91.8	92.2	92.5
sts *	Percent	92.6	96.3	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0
ge number of sets	Number	2.1	3.7	5.1	5.6	5.5	5.5	5.5	5.5	5.5	5.4	5.4
n sets 3	Millions	3.9	45.8	58.5	68.5	76.3	81.5	83.3	83.8	84.9	85.9	87.4
vision sets	Percent	9	87	95	97	98	98	96	96	98	98	98
set households *	Millions		.3	20.9	46.9	63.4	71.4	73.9	75.8	77.7	80.1	82.7
ge viewing per day 4			5.1	5.9	6.1	6.6	6,8	7.0	7.1	7.1	(NA)	7.2
ge number of sets 5	Number	1.01	1.13	1,39	1.54	1.68	1.75	1.79	1.78	1.83	1.83	1.86
V 6	Percent	(NA)	(NA)	(NA)	(NA)	19.8	29.0	37.2	41.2	44.6	46.8	48.7
	Percent	(NA)	(NA)	(NA)	(NA)	1.1	3.1	5.5	10,6	20.8	36.0	48.7
al radio stations: 2		4.0	100	11000		1	199	1	100	12 7 7	1000	100
***************************************	Number,		3,539	4,323	4,463	4,589	4,668	4,733	4,754	* 4,718	4,863	(NA)
	Number	676	815	2,196	2,767	3,282	3,380	3,527	3,716	* 3,875	3,944	(NA)
stations: 9 Total	Number	98	559	862	953	1,011	1,065	1,106	1,138	1,182	1,235	1,290
cial	Number	(NA)	515	677	706	734	777	813	841	883	919	968
***************************************	Number	1070	640	2,490	3,506	4.225	4.825	5,600	6.200	6.844	7.600	7.900
ers served	Millions		.65	4.5	9.8	15.5	21.0	25.0	30.0	31.3	37.5	39.7
	Millions	53.8	58.9	62.1	60.7	62.2	62.5	62.6	63.1	62.8	62.7	(NA)
ta 19	Number	.354	.327	.305	.282	.275	.269	.267	.267	.263	.263	(NA)

Compiled from sources listed in footnotes.

No. 879. MULTIMEDIA AUDIENCES-SUMMARY: 1983 AND 1987

ent, except as indicated. As of apring. For persons 18 years old and over. Based on sample and subject to sampling error; see source for details)

	Total popula-	TELEV WATC			RADIO LI	STENERS		NEWS	PAPER DERS
ІТЕМ	tion (1,000)	Cable	Pay	Week- day	Week- and	Relig- ious	News/ talk	Delily	Sun- day
)	164,862	30.4	19.0	81.5	69.2	(NA)	(NA)	61.5	64.
1967	172,967	48.2	27.2	80.8	66.8	2.7	7.8	60.1	63.
rs old	27,409	48.3	32.2	92.3	83.5	3.0	3.9	48.3	58.
rs old	41.340	48.7	31.9	86.6	72.5	2.9	5.2	54.4	BO.
ns old		49.8	32.6	83.7	64.5	3.0	7.0	62.0	66.
ns old		54.0	30.9	81.3	62.5	3.5	9.6	68.1	70.
s old	22.564	47.6	21.3	70.9	60.0	2.1	11.1	68.0	66.
ld and over	27,170	41.2	10.3	80.1	53.2	1.8	10.8	65.6	61.
	21,170	71.2	.0.0	00.1		1.0	10.0		١
	82,458	46.9	28.3	83.6	88.5	2.5	8.4	62.4	64.
***************************************	90,499	47.6	26.1	77.8	65.2	3.0	6.8	56.1	63
***************************************	<b>30,430</b>	47.0	20.1	, ,,,,	W.2	3.0	0.0	J 35.1	, <b>س</b>
	150,344	50.3	28.1	81.1	86.5	2.6	7.7	61.7	64.
	19.068	33.3	20.6	77.1	69.4	4.3	6.6	51.1	58.
***************************************	3,524	39.2	21.9	76.4	64.6	2.6	5.2	42.3	44.
						3.7			52
reaking	8,373	38.9	24.2	88.4	70.5	3.7	7.5	50.0	32.
rduste	30,178	53.5	31.7	84.8	66.1	2.6	10.8	71.9	78.
		55.8	33.3	66.5	70.2	3.0	8.1	66.2	72
cilege	31,364								64.
ol graduate	67,356	48.0	26.5	82.7	69.5	2.8	7.0	59.7	
chool graduate	44,039	39.5	17.7	70.1	60.8	2.7	5.8	48.4	47.
Full-time	95,802	51.4	32.7	87.3	70.2	2.7	7.5	80.9	66.
					70.2	4.9	5.7	59.9	80.
Part-time	11,463	52.8	32.7	85.2	61.3	2.4		59.0	59
yed	65,692	42.8	18.1	70.0	01.3	2.4	8.0	39.0	30.
income:	1				l				
n \$10,000	18,587	31.8	9.9	65.9	61.8	2.7	5.9	43.1	44.
to \$19.999		37.3	14.7	75.4	65.3	2.7	6.6	49.0	50.
						3.3	6.1	58.1	50.
to \$29,990		47.5	25.4	80.3	67.9				
to \$34,999		49.3	29.2	83.0	89.4	3.4	7.7	63.2	65.
to \$39,999		54.1	33.9	81.9	63.2	2.3	8.7	63.7	66.
to \$49,996		53.3	33.8	86.5	66.2	2.9	8.2	67.3	75.0
or more	36,223	80.2	40.3	87.1	68.0	2.2	9.6	72.5	79.

it available.

No. 880. COMMUNICATIONS EQUIPMENT—FACTORY SHIPMENTS: 1960 TO 1985

[In millions of dollars, except percent change. Minus sign (-) indicates decrease. N.e.c. = Not elsewhere classified]

		l	1			1	l	PER	ENT CH	WGE	
ITEM	1980	1661	1962	1962	1964	1986	1960- 81	1661- 82	1982- 83	1983- 84	1984 85
Shipments, total	19,625	23,785	27,702	30,376	33,813	37,215	21.3	16.4	10.7	10.2	10.1
Search, detection, navigation and											
guidence systems and equip.1	12,139	15,040	17,733	19.962	21.973	24,200	23.9	17.9	12.7	10.0	10
Radar systems and equipment	1.619	1,900	2,442	3,344	3.350	3,400	17.4	28.5	36.9	4	1 1 2
Missiles-borne and space-vehicle-	.,		_,	.,	-,	••••	1				
borne equipment	1.218	1,583	1.867	1.856	2.651	3.000	30.0	17.9	6	42.8	13.2
Navigation systems and equip.2	2,151	2,578	2,689	2,712	2,706	2,760	19.9	4.3		2	2.0
Counter measures equipment		1,004	1,284	1,596	1,958	2,400	33.2	27.9	24.3	22.7	22.0
Tracking rader	1,135	1,702	1,779	2,088	2,163	2,250	50.0	4.5	17.4	3.6	4.0
and tracking system n.e.c	814	893	1,048	1,189	1,461	1,800	9.7	17.4	13.5	22.9	23.2
ing systems and equipment	900	978	1,158	1,374	1,579	1,600	22.3	18.2	18.9	14.9	14.0
Specialized electronic and comm. intelligence equipment	845	1,051	1,346	1,349	1,580	1,750	24.4	26.1	2	17.1	10.1
Commercial, industrial, and military	975	1,001	1,340	1,340	1,560	1,750	24.4	20.1	-	17.1	10.0
communications equipment 1	5,106	5,722	6,854	7,694	8,798	9,765	12.1	19.8	12.3	14.3	11.0
Space satellite communications		1						_			
systems	898	1,095	1,614	1,760	2,036	2,260	21.9	47.4	9.0	15.7	11.0
Receivers, radio communications	782	1,088	1,290	1,391	1,565	1,700	38.9	18.8	7.8	12.5	8.0
Intercommunications systems *	1,193	1,586	1,572	1,537	1,593	1,700	32.9	9	-2.2	3.6	6.7
Broadcast studio and related elec- tronic equipment •	1,187	1,447	1,544	1,464	1,449	1,550	21.9	6.7	-5.2	1.0	7.0

Includes shipments not shown separately.
 \*For aircraft, ship, and ground navigation. Represents autoptiots, beacons, collision warning devices, direction finders equipment, etc.
 \*Includes alarm systems and traffic control shipment.
 \*Includes video, cable TV, and audio equipment.

Source: Electronic Industries Association, Washington, DC, Electronic Market Data Book, annual.

NO. 881. TELEPHONE AND TELEGRAPH SYSTEMS: 1960 TO 1985

[Covers principal carriers filing annual reports with Federal Communications Commission. See *Historical Statistics, Colonial Times* to 1970, series R 48-70 and R 75-88, for data on telegraph systems]

ITEM	Unit	1960	1970	1975	1979	1980	1981	1982	1983	1984	1985
Domestic telephone: 1	20.50	19.	10	17.1	1 77	20	10	17.	12	1	
Carriers 2	Number	52	56	62	61	59	60	61	62	61	38
Telephones 3	Million	66	105	130	153	157	158	151	(NA)	(NA)	(NA)
Access lines	Million	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	100	103
Miles of wire		316	628	872	1.081	1.131	1,188	1,223	1,260	1,290	1,313
Gross book cost of plant		25.7	59.9	95.5	134.9	147.4	161.5	174.0	184.2	183.0	195.1
Depreciation reserves 4		5.6	13.2	18.8	24.9	26.5	30.0	34.0	39.7	42.9	50.0
Ratio to book cost	Percent	21.7	22.1	19.7	18.5	18.0	18.6	19.6	21.5	23.5	25.6
Capital stock and premium	Bil. dol	10.7	16.4	21.6	28.8	31.3	34.5	38.8	43.4	46.9	48.1
Operating revenues	Bil. dol	8.4	18.2	31.3	49.8	55.6	63.7	70.7	75.0	98.9	104.8
Operating expenses *	Bit. dol	5.0	11.7	20.2	33.0	37.3	42 B	49.1	50.9	74.7	78.6
Net operating income 6	Bil. dol	1.4	3.1	5.6	8.9	10.0	11.4	11.4	12.4	124	13.4
Net income	Bil. dol	1.3	2.3	3.6	6.0	6.6	7.5	7.3	7.6	8.5	9.5
Employees	1.000	627	839	840	928	938	945	909	858	742	(NA)
Compensation of employees	Bil. dol	3.4	7.0	11.7	18.4	20.2	22.2	24.8	25.1	22.7	(NA)
Overseas telephone:			1.00	1.00	10.4					-	1
Number of overseas calls	Million	3.3	23.4	62.2	168.3	199.6	265.5	310.8	369.5	427.6	412.0
Revenue from overseas calls	Mil. dol	16	252	562	1,106	1.535	1.654	1.461	1,697	1,772	1,799
Ocean cable systems	Number	5	17	21	22	24	24	24	26	26	26
Communications satellites 1	Number	1 2	4	5	5	5	5	6	6	6	6
Domestic telegraph:	11700000	1	100			1	-	1 7	1 7		
Carriers	Number	1	1	1	1	1	1	1	1.	1	1
Revenue messages transmitted	Million	124	70	42	55	55	56	50	42	39	35
Message revenues *	Mil. dol		234	197	271	296	320	320	316	321	304
Total operating revenues	Mil. dol		402	505	636	697	779	809	722	738	715
Operating revenue deductions	Mil. dol	247	368	435	561	603	669	726	654	712	654
Operating income 9	Mil. dol	11	34	70	75	94	110	84	68	26	61
Teletypewriter messages	Million	33	46	54	59	68	63	(NA)	(NA)	(NA)	(NA)
Overseas telegraph: 10		-	40	-	-	- 00	- 00	frait.	hard	600	400
Carriers	Number	9	6	6	7	7	7	7	6	6	6
Revenue messages transmitted	Million		32	26	21	20	18	15	11	9	1 7
Message revenues *	Mil. dol		124	217	355	380	405	411	395	411	404
Total operating revenues	Mil. dol		194	316	497	535	578	613	616	644	652
Operating revenue deductions	Mil. dol	77	156	245	362	405	468	532	560	611	638
Operating income 9	Mil. dol		26	48	85	79	70	58	47	33	15
Return on Investment: 11			-	70	- 00	1.0		-	70	-	1 "
Telephone	Percent	7.3	7.1	7.6	8.5	8.7	9.0	8.4	8.7	8.7	9.4
Domestic telegraph	Percent		5.0	6.1	5.5	6.6	7.4	5.3	3.9	1.5	3.5
Overseas telegraph	Percent	7.2	10.6	12.0	17.9	15.9	12.5	9.1	6.8	3.3	6.7

<sup>-</sup> Represents zero. NA Not available. Includes Puerto Rico and, beginning 1970, Virgin Islands. Excludes intercompany duplications. Gross operating revenues of carriers reporting since 1970 estimated at 90 percent of all carriers. \*\*Beginnits 1985, number of carriers changed due to change in dollar requirement of reporting carriers from \$1,000,000 to \$100,000,000 includes company, service, and private. \*Includes amortization reserves. \*\*Excludes taxes. \*\*After text deductions \*\*Includes configurely and retired satellites. \*\*Includes text service; for domestic telegraph, secludes TVIX. \*\*After Federal Income taxes. \*\*Beginning 1970, excludes Subt American and most Caribbean operations of All America Califes and Radio, Inc. \*\*I\*Retio of net operating income (after taxes) to average net book cost of communications plant.

Source: U.S. Federal Communications Commission, Statistics of Communications Common Carriers, annual, and unpublished

#### 'No. 882. TELEPHONE COMPANIES—SUMMARY: 1970 to 1986

[As of Dec. 31 or calendar year, as applicable. See also Historical Statistics, Colonial Times to 1970, series R 31-45]

	11-5			INDEPEN	DENT CO	MPANIES 1				TOTAL 2	
ITEM	Unit	1970	1975	1986	1982	1984	1986	1986	1984	1980	1996
I companies	Number	1,841	1,618	1,483	1,429	1,416	1,402	1,000	1,440	1,429	1,404
Telephones	1.000	20.312	26,823	34.665	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	ONA
Accès lines	1.000	(NA)	16,855	20,808	22,331	23,020	24,330	25,196	114,474	118,275	122,200
Total telephone plant	Mil. dol	12,390	21,200	35,300	44,500	45,850	49,089	50,692	193,779	207,239	218,701
Operating revenues	Mil. doi	2,953	5,500	10,475	14,875	16,000	17,245	18,409	73,868	78,425	82,366
Average daily converse-		1	1	1							
tions, total			148	192	209	210	223	243	1,199	1,264	1,327
Local calls	Millions	104	136	177	189	190	203	210	1,111	1,182	1,206
Toll calls	Millions	5	. 8	15	21	20	20	33	68	102	121
sporting companies *	Number	984	731	796	678	631	665	630	665	677	954
Telephones	1,000	19,182	25,548	33,748	(NA)	(NA)	(NA)	(NA)	(NA)	(M)	(NA)
Accèes lines	1,000	(NA)	(NA)	19,412	21,077	22,069	23,430	24,164	113,556	117,375	121,172
Telephone plant in											
service	MII. 001	11,175	19,520	32,491	40,463	42,093		47,732	186,151	199,978	212,360
Depreciation reserves	MH. 001	2,203	4,120	7,820	11,563	12,984	14,310	15,515	45,748	52,872	61,053
Operating revenues	Mil. GOI	2,791	5,204	10,177	14,369	15,403	16,864	17,555	73,270 59,786	77,864	81,452
Operating expenses 4 Net income	Mil. dol	1,953 356	3,639 711	7,279 1,266	11,432	12,305	13,323	12,548 2,617	9.313	63,679 10,063	59,292 10,984
	NM. 001	330	/ / / /	1,200	1,500	2,199	2,434	2,017	9,313	10,063	10,804
Common stock and											
surplus	MW. doi	3,733	8,181	9,823	12,060	12,781	13,940	14,033	63,147	66,510	86,66
Net income to common		٠	l							٠ ١	
stock and surplus	Percent	9.5	11.5	13.2	16.3	17.2	17.5	18.7	14.7	15.1	16.5
Employees	1,000	142	152	189	175	168	170	165	724	895	872
Wages and salaries	NW. 001	1,001	1,737	3,373	4,223	4,429	4,558	4,736	22,112	21,443	22,127

NA Not available. <sup>1</sup> Companies independent of the Bell System, prior to divestiture of January 1984. <sup>2</sup> All telephone impanies. <sup>8</sup> Comprises only companies submitting operating information to source cited below. <sup>4</sup> Excludes Federal income

Source: United States Telephone Association, Washington, DC, Statistics of the Telephone Industry, annual. (Copyright.)

#### No. 883. REA and Rural Telephone Bank Program—Summary: 1970 to 1986

ITEM	Unit	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
bans and guarantees approved, Dec. 31: 1	Number	862	921	981	990	1,010	1,029	1,037	1,035	1,034	1,037
Guaranteed amount	Mil. dol	1,816	2,576	3,606 392	418	553	626	672	701	679	5,119 679
ural Telephone Bank amount oute miles of line, 2 Dec. 31	Mil. dol	547	618 653	1,262 772	1,388 798	1,529	1,726 831	1,872 847	2,000 868	2,131 872	2,249 869
ubscribers, Dec. 31	1,000	2,335 2,989	3,045 4,355	4,073 6,335	4,262 6,770	4,375 6,953	4,546 7,147	4,629 (NA)	4,747 (NA)	4,792 (NA)	4,833 (NA)
otal operating revenues	Mil. dol 1.000	363 2,085 15.4	753 3,850 20.0	1,540 6,558 27.9	1,758 7,388 28.4	2,042 8,034 28,7	2,389 8,897 28.8	2,643 9,532 28.9	2,910 10,195 28,7	3,108 10,671 28.3	3,181 10,91 27,8

NA Not available. <sup>1</sup> Cumulative net loans (cancellations deducted). <sup>2</sup> Line in service. Source: U.S. Rural Electrification Administration, Statistical Report—Rural Telephone Borrowers, annual.

#### No. 884. Private Radio Stations Authorized by Class: 1980 to 1986

[In thousands. As of Sept. 30. Includes Puerto Rico and Virgin Islands. See also Historical Statistics, Colonial Times to 1970, series R 140-148]

CLASS	1986	1986	1996	CLASS	1980	1906	1996
Private radio serv-				Land transportation	28.0	37.7	39.8
loes 1	16,367.3	2,419.5	2,573.7	Railroad	10.0	13.8	14.9
preonel	14,560.2	(X)	459.4	Taxicab	4.8	6.1	6.2
Citizens Bend	14,308.4	(x) 33.6	-	Interurban property	3.1	4.4	4.9
General mobile	20.2	33.6	35.7	Other	9.9	13.4	13.8
Radio control	231.7	(X) 415.4	-	Marine	398.3	525.3	581.2
Ameteur and disaster	389.9	415.4	423.7	Ship	368.6	510.4	545.3
viation	231.6	245.7	244.3	Alaskan	2.6	2.7	2.8
Aircraft	196.6	207.3	206.4	Coastal and other	9.1	12.2	13.1
Aeronautical and fixed	9.5	10.9	11.1	Public safety	137.1	194.5	207.1
Civil air petrol	21.6	23.0	23.3	Police	42.3	42.3	45.0
Other	3.7	4.5	4.5	Fire	20.6	36.6	38.7
dustrial	504.9	811.3	864.4	Forestry conservation	7.6	9.6	10.2
Power	23.1	34.4	37.7	Highway maintenance	9.7	12.7	13.4
Business	370.4	593.5	635.6	Special emergency	22.4	37.4	39.4
Petroleum	17.9	25.2	26.6	Other	34.2	55.9	80.4
Forest products	6.4	9.8	10.6	Operational fixed			
Special industrial	72.1	115.0	119.2	services *	18.0	23.1	25.6
Other	14.7	33.4	34.7				

Represents zero. X Not applicable. <sup>1</sup> Includes items not shown separately. Each license, construction permit, or com-tion construction permit and license is counted as one station; therefore, a station might include a transmitter and many mobile.

2 Includes microwave operations.

Source: U.S. Federal Communications Commission, Annual Report, and unpublished data.

#### No. 885, Public Television Stations: 1968 to 1964

[Based on a "typical" broadcast week through 1972; calender year data for 1974 and 1976; facal year data thereafter. General programing is directed at the general community. Instructional programing is directed at students in the classroom or otherwise in the general context of formal education]

ITEM	1055	1970	1972	1974	1970	1970	1996	1902	1984
Stations broadcasting	1 153	¹ 190	220	1 236	* 253	272	261	291	303
Total weekly broadcast hours	4,871 54.7	1 12,217 7,897 63.0 4,520	1 <b>5,587</b> 7,904 50.7 7, <b>06</b> 3	18,321 10,869 59.3 7,463	28,966 14,329 64.8 7,766	26,064 17,929 65.8 8,135	27,643 19,506 89.6 8,136	30,337 21,416 70.6 8,919	22,293 23,154 71.7 9,130
Average weekly broadcast hours per station	30.7	<b>65.3</b> 41.1 24.2	70.9 36.0 34.9	<b>80.7</b> 47.9 32.8	90.9 59.0 31.9	86.8 85.9 29.9	86.8 89.4 30.4	104.3 73.6 30.7	106.6 76.4 30.2

<sup>&</sup>lt;sup>1</sup> 152 stations reported in 1988 and 187 in 1970; details include data for reporting stations only, spreadcasters as includes data for 227 stations only, representing 147 primary broadcasters; does not include secondary broadcasters.
<sup>2</sup> includes data for 243 stations only, representing 151 primary broadcasters.
<sup>4</sup> Beginning 1974, includes material from Children's Television Workshops.

#### No. 866, Public Broadcasting Systems—Income by Source: 1975 to 1985

[in millions of dollars, except se indicated. Stations as of Dec. 31; facal year data for income. Beginning 1979, includes nonbroadcast income)

NUMBER OF STATIONS AND INCOME									PERCEN	IT DISTING	BUTTON
SOURCE	1975	1970	1899	1631	1962	1902	1984	1985, prel.	1975	1005	1986, prel.
Number of CPB-qualitied public radio stations	168 260	210 261	217 290	236 293	255 299	206 300	275 304	286 316	338	38	88
Total Income	364.8	903.5	704.9	700.9	845.2	990.2	974.2	1,101.8	100.0	100.0	100.0
Federal government	158.6 42.3	163.2 245.5 66.1 57.9 20.4 30.4	192.5 271.6 102.3 72.4 23.5 42.6	193.7 277.5 130.8 86.8 19.3 60.6	197.6 301.0 162.5 100.5 22.1 61.5	163.7 318.3 196.4 119.8 24.9 76.0	187.0 334.5 215.2 144.7 27.8 85.0	179.8 383.0 246.7 170.8 43.7 97.5	25.3 42.9 11.6 6.9 7.9 5.4	27.3 36.5 14.5 10.3 2.3 6.0	16.3 33.0 22.4 15.5 4.0 8.6

X Not applicable. I includes income received from State colleges and universities, and, beginning 1979 from other tex supported colleges and universities.

#### No. 887. Cable Television—Systems and Subscribers: 1952 to 1987

[Subscribers in thousands, except percent. Estimated]

V=10	0	Sub-		٥			Numb	er of—1	Perce	nt of1
(As of Jan. 1)	Sys- tems	scribers	YEAR (As of Jan. 1)	Sys- tems	Sub- scribers	SUBSCRIBER SIZE-GROUP	Sys- terns	Sub- scribers	Sys- terns	Sub- scribers
1962	400 640 1,325 2,260 2,490 2,636 2,841 2,961 3,156 3,506	14 150 650 1,275 3,600 4,500 6,000 7,300 8,700 9,800 10,800	1977 1978 1979 1960 1961 1982 1983 1884 1985 1995	4,150 4,225 4,375 4,625 5,600 6,200 6,600 7,600	11,900 13,000 14,100 16,000 16,300 21,000 25,000 30,000 32,000 37,500 39,709	1967, total 3 50,000 and over 20,000-49,989 10,000-19,986 5,000-9,986 3,500-4,899 1,000-3,499 500-999 250-499 Lees than 250	136 326 467 828 382	20,702 11,642 9,950 6,554 4,396 1,603 3,200 601 404 209	166.08 1.86 4.46 6.38 8.57 5.22 22.65 15.40 15.25 20.20	100.60 30.03 25.67 16.91 11.35 4.14 8.25 2.07 1.04 .54

<sup>&</sup>lt;sup>1</sup> As of April 1, 1987. <sup>3</sup> Excludes 511 systems not available by subscriber size-group.

Source: Television Digest, Inc., Washington, DC, Television & Cable Factbook, annual. (Copyright.)

Source: Through 1970, National Instructional Television Center, Bloomington, IN, One Week of Educational Television, 1970 (copyright); 1972, Corporation for Public Broadcasting, One Week of Public TV, April 1972, and unpublished data; 1974–1984, Corporation for Public Broadcasting, PTV Programming Content by Category Report Series, and unpublished data.

Source: Corporation for Public Broadcasting (CPB), Washington, DC, Public Broadcasting Income, Fiscal Year, 1985, and unpublished data.

## NO. 888. CABLE AND PAY TV—SUMMARY, 1955 TO 1985, AND PROJECTIONS, 1990 AND 1995 [Cable TV for calendar year. Pay TV as of Dec. 31 of year shown]

		CABL	E TV				PAY	TV		
YEAR	Avg. basic	Avg.	Reve (mil.		Uni (1,0		Month (de		Pay cal	ble units 1,000
YEAR	sub- scri- bers (1,000)	basic rate (dol.)	Total	Basic	Total	Pay cable	Total	Pay- cable	Home passed	Basic cable sub- scribers
1955	250	5.00	20	20	(x)	(x)	(x)	(x)	(x)	(x)
1960	750	5.00	50	50	(x)	(x)	(x)	(x)	(x)	(x) (x) (x) 236 223
1965	1,500	5.00	95	95	(x)	(x)	(x)	(x)	(x)	(x)
1970	5,100	5.50	345	345	(x)	(x)	(x)	(x)	(x)	(x)
1975	9,800	6.50	804	774	469	469	(x)	7.85	111	236
1976	11,000	6.75	972	901	1,021	978	(NA)	7,87	106	223
1977	12,200	7.00	1,163	1,034	1,733	1,642	8.12	7.92	122	253
1978	13,400	7.25	1,424	1,176	3,580	3,289	8.62	8.09	179	350
1979	15,000	7.50	1,814	1,362	6,409	5,732	9.37	8.44	223	413
1980	17,500	7.75	2,436	1,647	10,389	9,144	9.78	8.80	279	506
1981	21,500	7.95	3,460	2,091	17,521	15,450	10.13	9.02	376	688
1982	25,400	8.25	4,705	2,564	23,179	20,791	10.36	9.57	462	840
1983	29,450	8.74	6,042	3,144	28,115	26,418	10.25	9.84	473	843
1984	32,800	9.20	7,396	3,628	31,027	29,966	10.32	10.08	495	875
1985	35,444	10.25	8,655	4,508	31,056	30,596	10.53	10.42	473	835
1990, proj	45,680	12.87	13,376	7,053	(NA)	42,520	(NA)	11.37	532	910
1995, proj	54,780	17.22	20,962	11,317	(NA)	55,470	(NA)	12.56	648	1,000

NA Not available. X Not applicable.

Source: Paul Kagen Associates, Inc., Carmel, CA, The Cable TV Financial Databook, annual. (Copyright.)

## No. 869. RADIO AND TELEVISION STATIONS OWNED BY NEWSPAPERS AND/OR MAGAZINES: 1961 TO 1966

DATE	AM radio	FM radio	TV	DATE	AM radio	FM radio	TV	DATE	AM radio	FM radio	TV
1961, Sept. 1	412 391 381 394 402 318 325	147 170 191 245 248 209 171	183 189 191 176	1973, Dec. 1	304 321 320 322 314 319 318	211 236 238 238 238 252 257	179 193 197 209 211 221 226	1980, Dec. 1	315 311 300 288 268 264 232	264 277 263 257 256 255 226	230 246 251 248 255 253 272

Source: Broadcasting Publications Inc., Washington, DC, Broadcasting Cablecasting Yearbook (Copyright.)

#### No. 880. Publishing Industry—Summary: 1977 to 1985

[in millions of dollars, except as noted. Number in parentheses represents Standard Industrial Classification code; see text, section 13. Based on the censuses of menufactures and the 1985 Survey of Manufactures; for details, see source and Appendix III]

	NEWSPAPERS (271)			PERI	ODICAL8	(272)	84	BOOKS (273)		
пем	1977	1982	1986	1977	1982	1986	1977	1982	1986	
Establishments, number  With 20 or more employees  Employees 1 (1,000)  Payroll  Value of receipts  Cost of materiels  Value added by manufacture 2  New capital expenditures.  Fixed assets, gross value  Inventories, yearend	2,147 350 4,308 13,056 3,539 9,519 478 5,026	6,006	(NA) (NA) 411 7,905 27,015 6,585 20,426 1,430 11,378 834	2,994 525 70 1,020 6,057 2,289 3,763 79 725 350	3,328 690 94 1,986 11,478 4,568 6,911 195 1,370 724	(NA) (NA) 96 2,555 15,246 5,580 9,678 340 2,052 818	1,744 346 60 830 4,794 1,544 3,262 80 690 992	2,130 420 67 1,327 7,740 2,420 5,292 174 1,109 1,380	(NA) (NA) 71 1,672 10,196 3,021 7,396 232 1,432 1,895	

NA Not available. <sup>1</sup> Represents the average number of production workers plus the number of other employees in mid-March. <sup>2</sup> Derived by subtracting the cost of materials, supplies, containers, fuel, purchased electricity, and contract work from the value of shipments. This result is then adjusted by the addition of value added by merchandising operations, plus the net change in finished goods and work-in-process inventories between the beginning and the and of the year.

<sup>&</sup>lt;sup>1</sup> Includes Installation revenue.

<sup>2</sup> Individual program services sold to subscrib-

Source: U.S. Bureau of the Census, Census of Manufactures, 1982, Industry Reports, series MC82-I-27A, and 1985 Annual Survey of Manufactures, M85(AS)-1.

No. 891, Newspapers and Periodicals-Number, by Type: 1960 to 1967

[Data refer to year of compilation of the Directory cited as the source, i.e., generally to year preceding year shown. See also Historical Statistics, Colonial Times to 1970, series R 232-243]

TYPE	1960	1986	1970	1975	1906	1902	1902	1984	1980	1980	1987
Newspapers 1	11,315	11,383	11,383	11,400	9,620	9,163	9,206	9,151	9,134	9,144	9,031
Semiweekly Weekly Delly	8,979	357 8,989 1,843	423 8,903 1,838	506 8,824 1,819	537 7,159 1,744	499 6,806 1,740	506 6,855 1,735	525 6,798 1,711	517 6,811 1,701	495 6,857 1,651	510 6,750 1,646
Periodicals 1	8,422	8,990	9,573	9,857	10,236	10,686	10,962	10,688	11,000	11,325	11,000
Weekly	527 4,113	1,716 550 4,195 676 1,030	1,856 589 4,314 967 1,106	1,918 537 4,087 1,009 1,093	1,716 645 3,965 1,114 1,444	1,672 899 4,078 1,237 1,554	1,626 724 4,108 1,307 1,627	1,378 658 4,096 1,348 1,711	1,367 801 4,068 1,361 1,759	1,383 789 4,068 1,367 1,895	1,400 858 4,031 1,402 1,864

<sup>&</sup>lt;sup>1</sup> Includes other not shown separately. <sup>2</sup> Includes fortnightly (every two weeks).

Source: Gale Research Co., Ft. Lauderdale, FL, Gale Directory of Publications, 1987. (Copyright.)

#### No. 892. NUMBER AND CIRCULATION OF DAILY AND SUNDAY NEWSPAPERS: 1960 TO 1986

[Number of newspapers as of the following dates: 1980, Oct. 1; 1985, Jen. 1; 1970-1980, Feb. 1 of the following year. Circulation figures as of Sept. 20, except 1986 and 1986 as of Oct. 1. For English language newspapers only. See also Historical Statistics, Colonial Times to 1970, series R 224-231]

TYPE	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
NUMBER OF NEWSPAPERS  Daily: Total <sup>1</sup>	1,763	1,751	1,748	1,756	1,756	1,763	1,745	1,730	1,711	1,701	1,688	1,676	1,657
	312	320	334	339	355	382	387	408	434	446	458	482	499
	1,459	1,444	1,429	1,436	1,419	1,405	1,388	1,352	1,310	1,284	1,257	1,220	1,188
	563	562	586	639	696	720	736	755	768	772	783	798	802
Daily: Total <sup>1</sup> Morning Evening Sunday.	58.9	60.4	62.1	60.7	62.0	62.2	62.2	61,4	62.5	62.6	63.1	62.8	62.5
	24.0	24.1	25.9	25.5	27.7	28.6	29.4	30,6	33.2	33.8	35.4	36.4	37.4
	34.9	36.3	36.2	35.2	34.3	33.6	32.8	30,9	29.3	28.8	27.7	26.4	25.1
	47.7	48.6	49.2	51.1	54.0	54.4	54.7	55,2	56.3	56.7	57.5	58.8	58.9

<sup>&</sup>lt;sup>1</sup> All-day newspapers are counted in both morning and evening columns but only once in total. Circulation is divided equally between morning and evening.

Source: Editor & Publisher Co. Inc., New York, NY, Editor & Publisher International Year Book, annual. (Copyright.)

## No. 893. Number and Circulation of Daily Newspapers, by Population-Size Class of City: 1970 to 1986

[Number of newspapers as of Feb. 1 of the following year. Circulation as of Sept. 30, For English language newspapers only. See table 37 for number of cities by population size]

TYPE OF DAILY AND			NUMB	BER 1				NET PA	ID CIRCUI	LATION 1	(1,000)	
POPULATION-SIZE CLASS	1970	1975	1980	1984	1985	1986	1970	1975	1980	1984	1985	1986
Morning dailles, total	334	339	387	458	482	499	25,934	25,491	29,413	35,424	36,361	37,441
1,000,001 or more	15	14	20 27	14	22	23	7,667	7,159	8,795	4,641	9,367	10,167
500,601 to 1,000,000	26	25	27	24	24	27	5,747	5,581	5,705	6,609	6,897	7,331
100,001 to 500,000	91	89	99	128	121	124	8,169	7,836	8,996	16,876	12,197	12,087
50,001 to 100,000	65	69	75	83	87	88	2,220	2,619	2,973	3,402	3.653	3,701
25,001 to 50,000	59	69 67	64	74	83	86	1,317	1,422	1,701	1,994	2,145	2,257
Less than 25,000	78	75	102	135	145	151	814	874	1,243	1,897	2,099	1,897
Evening dailies, total	1,429	1,436	1,388	1,257	1,220	1,188	36,231	35,166	32,788	27,657	26,407	25,061
1,000,001 or more	12	12	11	7	8	9	4.716	4,156	2.984	1.794	2,169	1.977
500,001 to 1,000,000	24	24	23	15	14	14	4.807	4,573	4,101	1,949	1,626	1,626
100,001 to 500,000	129	127	123	112	102	98	10,034	8,918	8,178	7,857	6,987	6,428
50,001 to 100,000	178	175	156	133	127	122	5,221	5,379	4,896	4,177	3,942	3,767
25,001 to 50,000	250	248	246	236	229	225	4,766	4,898	5,106	4,789	4,606	4,542
Less than 25,000	836	850	829	754	740	720	6,687	7.242	7,523	7,087	7,075	6,719

<sup>&</sup>lt;sup>1</sup> All-day newspapers are counted in both morning and evening columns; circulation is divided equally between morning and evening.

Source: Editor & Publisher Co. Inc., New York, NY, Editor & Publisher International Year Book, annual. (Copyright.)

NO. 894. DAILY AND SUNDAY NEWSPAPERS—NUMBER AND CIRCULATION, BY STATE: 1986 for of newspapers as of Feb. 1 of the following year. Circulation figures as of Sept. 30. For English language newspapers only]

		DAILY		SU	NDAY
Number   Net paid   Per cap- cap- cap- cap- cap- cap- cap- cap-		Circula	ition 1		Net
28    758	vum- ber	Net paid (1,000)	Per cap- ita 2	Num- ber	paid circu- lation (1,000)
28	48	1,253	.25	19	1,249
19	11	192 472		7	190
19 675   20   11   714   New Hampshire   16   535   New Jersey   New Mexico   New Mexico   New Mexico   New Mexico   New Mexico   New Mexico   New Mexico   New Mexico   New Mexico   New Mexico   New Mexico   New Mexico   New Mexico   New Mexico   New Mexico   North Dakota			.29	7 4	304
\$\begin{align*} \begin{align*} 32 & 504 & 21 & 16 & 535 & New Mersey \\ 3 & 177 & 6,221 & 22 & 61 & 6,150 \\ 0 & 27 & 941 & 28 & 10 & 1,117 \\ 10ut & 24 & 896 & 28 & 11 & 816 \\ 0 & 3 & 144 & 22 & 2 & 162 \\ 0 & 3 & 144 & 22 & 2 & 162 \\ 0 & 36 & 1,099 & 18 & 16 & 1,184 \\ 0 & 36 & 1,099 & 18 & 16 & 1,184 \\ 0 & 237 & 21 & 6 & 250 \\ 0 & 20 & 8 & 21 & 250 \\ 0 & 20 & 8 & 21 & 250 \\ 0 & 20 & 8 & 21 & 250 \\ 0 & 20 & 8 & 21 & 250 \\ 0 & 20 & 8 & 21 & 250 \\ 0 & 20 & 8 & 21 & 250 \\ 0 & 20 & 8 & 21 & 250 \\ 0 & 20 & 8 & 21 & 250 \\ 0 & 20 & 8 & 21 & 250 \\ 0 & 20 & 8 & 21 & 250 \\ 0 & 20 & 8 & 21 & 250 \\ 0 & 20 & 8 & 21 & 250 \\ 0 & 20 & 8 & 21 & 250 \\ 0 & 20 & 21 & 250 \\ 0 & 20 & 21 & 250 \\ 0 & 20 & 21 & 250 \\ 0 & 20 & 21 & 250 \\ 0 & 20 & 21 & 250 \\ 0 & 20 & 21 & 250 \\ 0 & 20 & 21 & 250 \\ 0 & 20 & 21 & 250 \\ 0 & 20 & 21 & 250 \\ 0 & 20 & 20 & 21 \\ 0 & 20 & 20 & 21 \\ 0 & 20 & 20 & 21 \\ 0 & 20 & 20 & 21 \\ 0 & 20 & 20 & 21 \\ 0 & 20 & 20 & 20 \\ 0 & 20 \\ 0 & 20 \\ 0 & 20 \\ 0 & 20 \\ 0 & 20 \\ 0 & 20 \\ 0 & 20 \\ 0 & 20 \\ 0 & 20 \\ 0 & 20 \\ 0 & 20 \\ 0 & 20 \\ 0 & 20 \\ 0 & 20 \\ 0 & 20 \\ 0 & 20 \\ 0 & 20 \\ 0 & 20 \\ 0 & 20 \\ 0 & 20 \\ 0 & 20	7	253	.20	1 4	139
117   6,221   22   61   6,150   New Mexico   27   941   28   10   1,117   New York   North Carolina   North Dakota   24   896   28   11   816   North Carolina   North Dakota   North Da	26	215	23	17	1.846
Description   Description	20	1,714	20	13	272
Second   S	73	7,707	.44	33	5.747
e. 3 144 22 2 162 North Dakota  of Columbia 3 2,311 3.90 1 1,079 Ohio  36 1,099 18 16 1,184 Cregon  6 237 21 6 250 8 217 Pennsylvania  12 205 20 8 217 Pennsylvania  70 2,652 23 24 2,699 South Carolina  74 1,546 28 20 1,286 South Carolina  37 753 27 11 751 Tennessee  37 753 27 11 751 Tennessee  46 545 22 18 498 Vermont  9 25 711 19 13 688 Vermont  42 7 792 17 21 898 Vermont  9 291 24 2 178 Virginia  0 4 15 688 15 4 570 Washington	54	1,427	.22		1,328
of Columbia         3         2,311         3.90         1         1,079         Ohio           49         2,888         23         33         3,329         Oklahoma           36         1,099         18         16         1,184         Oregon           6         237         21         6         250         Pennsylvania           70         2,652         23         24         2,699         South Carolina           74         1,546         28         20         1,286         South Dakota           37         753         27         11         751         Tennessee           46         545         22         18         498         Texas           y         25         711         19         13         655         Utah           a         27         792         17         21         898         Vermont           a         27         792         17         21         898         Vermont           d         15         688         15         4         570         Washington	10				1,326
349   2,888   23   33   3,329   Oklahoma   Oregon   Ore	10	188	.27	6	1/3
49   2,888   23   33   3,329   Oklahoma     36   1,099   18   16   1,184   Oregon     12   205   20   8   217   English     12   205   20   8   217   English     13   2,652   23   24   2,699   South Carolina     14   1,546   28   20   1,286   South Dakota     15   688   15   4   57   First     18   19   19   19   19     19   21   24   2   178   Virginia     19   291   24   2   178   Virginia     19   19   19   19   19   Virginia     10   10   10   10   10     11   12   13   13   15   15     12   13   14   15   17   17     13   15   15   18   18   18   18   18   18	87	2,828	.27	31	2,774
6 237 21 6 250   Pennsylvania   R   R   R   R   R   R   R   R   R	51	796	.23		902
6 237 21 6 250 Pennsylvania 12 205 20 8 217 Rhode Island 70 2,652 23 24 2,699 South Carolina 37 753 27 11 751 37 753 27 11 751 46 545 22 18 498 Texnessee  7 792 17 21 898 Vermont. 3 27 792 17 21 898 Vermont. 4 9 291 24 2 178 Virginia 4 15 688 15 4 570 Washington	20	654	.24	10	647
12   205   20   8   217   Rhode Island	91	3,321	.28	23	2,907
70 2,652 23 24 2,699 South Carolina. 74 1,546 28 20 1,286 South Carolina. 37 753 27 11 751 Tennessee. 37 753 27 11 751 Tennessee. 75 751 19 13 655 Utah. 27 792 17 21 898 Vermont. 38 27 792 17 21 896 Vermont. 48 27 792 17 21 77 Virginia. 49 291 24 2 178 Virginia. 40 15 688 15 4 570 Washington.	7	303	.31	3	302
74 1,546 28 20 1,286 South Dakota	18	639	.18		631
753 27 11 751 Tennessee 746 545 22 18 498 Texas 753 27 792 17 21 898 Vermont. 753 27 792 17 21 898 Vermont. 754 21 65 65 15 65	12	165	.23		129
y 25 711 .19 13 655 Utah	28	979	.20	15	1.050
ua 27 792 17 21 898 Vermont	109	3,627	.21	96	4,333
ua 27 792 17 21 898 Vermont	6	287	.17	6	326
9 291 24 2 178 Virginia	8	123	.22		90
d 15 688 .15 4 570 Washington	36	1,187	.20		939
	26	1,145	.25		1,128
husetts	23	446	.23	10	398
1 52 2,549 28 15 2,468 Wisconsin	35	1,190	25	13	1,044
65 657 60 7040 111	10	99	.19		75
ooi 23 402 .15 12 334 Wyoming	10	35	,,,,	1	/ "

ulation figures based on the principal community served by a newspaper which is not necessarily the same location as the it's office. Per capita based on total resident population estimated as of Dec. 31, 1986.

#### e: Editor & Publisher Co., Inc., New York, NY, Editor & Publisher International Year Book, annual (copyright).

#### No. 895. Copyright Registration, by Subject Matter: 1980 to 1986

housends. For years ending Sept. 30. Comprises claims to copyright registered for both U.S. and foreign works. See also Historical Statistics, Colonial Times to 1970, series W 82-95]

BJECT MATTER OF COPYRIGHT	1980	1985	1986	SUBJECT MATTER OF COPYRIGHT	1980	1985	1986
<b>al</b>	464.7	539.8	561.0	Renewals	33.0	43.8	45.3
aphs 1	119.2	154.5	148.2	Dramatic works, including any accom- panying music	8.0	147.9	156.3
nductor chip products	(x)	.9	1.0	Choreography and pantomimes	(z) 8.5		15
ecordings	117.9	120.0	130.0	Works of the visual arts <sup>2</sup>	42.8	50.0	51.2

ot applicable. Z Less than 50. Includes computer software. Two-dimensional works of fine and graphic art, g prints and art reproductions; sculptural works; technical drawings and models; photographs; commercial prints and labels; if applied arts, cartographic works and multimedia works.

#### NO. 896. ADVERTISING—ESTIMATED EXPENDITURES: 1950 TO 1986

[In millions of dollars. See also Historical Statistics, Colonial Times to 1970, series T 444-446]

AR .	Total	Na- tional	Local	YEAR	Total	Na- tional	Local	YEAR	Total	Na- tional	Local
	20,700	3,260 5,380 7,305 9,340 11,350 11,755 12,980	2,440 3,770 4,655 5,910 8,200 8,945 10,230	1973	26,620 27,900 33,300 37,440 43,330	13,700 14,700 15,200 18,355 20,595 23,720 26,695	11,280 11,920 12,700 14,945 16,645 19,610 22,065	1980	75,850 87,820 94,750	29,815 33,890 37,785 42,525 49,690 53,355 56,850	23,735 26,540 26,795 33,325 36,130 41,395 45,290

xx: McCann-Erickson, Inc., New York, NY. Compiled for Crain Communications, Inc. In Advertising Age (copyright).

H: The Library of Congress, Annual Report.

## No. 897. Advertising—Indexes of National Advertising Expenditures, by Medium: 1960 to 1986

[1967 = 160. Based on the average monthly expenditure for those major media which give national coverage. See also Historical Statistics, Colonial Times to 1970, series T 472-484]

MEDIUM	1960	1970	1975	1678	1970	1630	1631	1982	1982	1984	1995	1990
General Index	67	112	143	236	200	200	333	200	414	406	903	626
Network television Spot television Megazines Weeklies Women's	53 73 81 65	114 125 104 95 107	158 164 118 94 130	273 261 209 178 236	316 291 236 204 259	363 330 253 218 277	363 378 264 245 302	427 441 298 255 321	482 485 340 294 374	586 555 396 342 429	569 606 414 353 469	580 685 427 357 466
Monthlies		120 105	155 131	246 182	280 209	304 232	347 267	366 290	404 323	490 364	501 396	517 200

Source: McCann-Erickson, Inc., New York, NY. Compiled for Crain Communications, Inc. in Advertising Age (copyright).

#### No. 896. ADVERTISING—ESTIMATED EXPENDITURES, BY MEDIUM: 1970 TO 1986

[in millions of dollars, except percent. See text, section 18 for a discussion of types of advertising. See also *Historical Statistics*, Colonial Times to 1970, series R 106-109, R 123-126, and T 444-471]

Contract				EXPEN	DITURES					PER	CENT	
MEDIUM	1970	1980	1981	1982	1983	1984	1985	1986	1970	1980	1985	1986
Total	19,550	53,550	60,430	66,580	75,850	87,820	94,750	102,140	100.0	100.0	100.0	100.0
National	11,350	29,815	33.890	37,785	42,525	49,690	53,355	56,850	58.1	55.7	56.3	55.7
Local	8,200	23,735	26,540	28,795	33,325	38,130	41,395	45,290	41.9	44.3	43.7	44.3
Newspapers	5,704	14,794	16,528	17,694	20,582	23,522	25,170	26,990	29.2	27.6	26.5	26.4
National	891	1.963	2,259	2,452	2,734	3,081	3,352	3,376	4.6	3.7	3.5	3.3
Local	4,813	12,831	14,269	15,242	17,848	20,441	21,818	23,614	24.6	24.0	23.0	23.1
Magazines	1,292	3,149	3.533	3,710	4,233	4,932	5,155	5,317	6.6	5.9	5.4	5.2
Weeklies	617	1,418	1,598	1,659	1,917	2,224	2,297	2,327	3.2	2.6	2.4	2.3
Women's	301	782	853	904	1,056	1,209	1,294	1,376	1.5	1.5	1.4	1.3
Monthlies	374	949	1,082	1,147	1,260	1,499	1,564	1,614	1.9	1.8	1.6	1.6
Farm publications	62	130	146	148	163	181	186	192	.3	.2	2	1 2
Television	3,596	11,424	12,811	14,566	16,542	19,670	20,770	22,585	18.4	21.3	21.9	22.1
Network	1,658	5,130	5,575	6,210	7,017	8,526	8,285	8,570	8.5	9.6	8.8	8.4
Spot	1,234	3,269	3,746	4,364	4,827	5,488	6,004	6,570	6,3	6.1	6.3	6.4
Cable (National)	(NA)	50	105	195	303	492	637	752	(NA)	.1	.7	1 .7
Local	704	2,967	3,368	3,765	4,345	5,084	5,714	6,514	3.6	5.5	6.0	6.4
Cable (Local)	(NA)	8	17	32	50	80	130	179	(NA)	(z)	- 1	1 2
Radio	1,308	3,702	4,230	4,670	5,210	5,817	6,490	6,949	6.7	6.9	6.9	6.8
Network	56	183	230	255	296	320	365	423	.3	.3	.4	1 4
Spot	371	779	879	923	1,038	1,197	1,335	1,348	1.9	1.5	1.4	1.3
Local	881	2,740	3,121	3,492	3.876	4,300	4,790	5,178	4.5	5.1	5.1	5.1
Direct mail	2,766	7,596	8,944	10,319	11,795	13,800	15,500	17,145	14.1	14.2	16.4	16.8
Business papers	740	1,674	1,841	1,876	1,990	2,270	2,375	2,382	3.8	3.1	2.5	2.3
Outdoor	234	578	650	721	794	872	945	985	1.2	1.1	1.0	1.0
Miscellane us	3,848	10,503	11,747	12,876	14,541	16,756	18,159	19,595	19.7	19.6	19.2	19.2

NA Not available. Z Less than .05.

Source: McCann-Erickson, Inc., New York, NY. Compiled for Crain Communications, Inc. In *Advertising Age* (copyright). Percentages derived by U.S. Bureau of the Census.

#### NO. 899. MAGAZINE ADVERTISING-EXPENDITURES, BY PRODUCT TYPE: 1970 TO 1986

[In millions of dollars, except percent. Space cost based on one-time rate; special rates used where applicable. Year-to-year data not strictly comparable, as a few minor publications are added or deleted]

TYPE OF PRODUCT	1970	1980	1981	1982	1983	1984	1985	1986		TRIBUT	77 21
72000 700000	****					200	1000		1970	1980	1986
Expenditures	1,193	2,846	3,223	3,421	3,939	4,668	4,961	5,120	100.0	100.0	100.0
Apparel, footwear, and accessories Automotive <sup>1</sup> Beer, wine, and liquor Computers, office equipment, stationery Consumer services <sup>2</sup> Drugs and remedies Prod and food products Household equipment and supplies Household furnishings Jewelry, optical goods, camera Mail orders Publishing and media Retail Smoking materials Toiletries and foilet goods Travel, hotels, and resorts All other	97 98 32 74 38 86 34 38 30 (NA) 38 53 65	112 230 239 79 190 79 199 65 73 79 (NA) 146 (NA) 290 206 123 736	141 290 252 103 206 88 213 82 83 89 (NA) 149 (NA) 314 230 137 84	154 333 258 141 233 89 240 66 81 80 (NA) 156 (NA) 358 241 153 838	206 405 243 194 329 105 263 81 94 95 (NA) 398 279 174 891	240 473 230 321 411 129 289 98 94 107 292 159 128 423 334 212 728	251 549 240 250 463 135 342 100 87 101 328 188 121 383 385 245	291 597 225 218 484 148 389 93 103 113 357 180 146 322 390 249 815	4.3 8.2 2.7 6.2 3.2 7.2 2.8 3.2 2.5 (NA) 3.2 4.4 10.0 2.4 2.2	3.9 8.4 2.8 6.7 2.8 7.0 2.3 2.0 2.8 (NA) 10.2 7.2 4.3 25.9	5.7 11.7 4.4 9.5 2.9 7.6 2.9 7.6 3.5 2.5 7.6 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5

NA Not available. Includes accessories and equipment. Includes business services.

Source: Magazine Publishers Association, Inc., New York, NY, from data compiled by Publishers Information Bureau, Inc.

#### **Television Advertising Expenditures**

No. 900. TELEVISION—EXPENDITURES FOR NETWORK ADVERTISING: 1980 TO 1986 [In millions of dollars. See text, section 18 for a definition of network advertising]

TYPE OF PRODUCT	1980	1984	1985	1986	TYPE OF PRODUCT	1980	1984	1985	1986
Expenditures	5,147	8,555	8,313	8,600	Horticulture	15	29	30	29
Apparel, footwear, and				-	and furnishings	225	266	275	335
accessories	131	237	161	181	Insurance	74	109	99	131
Automotive	529	808	848	927	Financial planning services	20	66	60	75
Beer and wine		448	428	535	Jewelry and cameras 1	119	140	129	13
Building material, equipment,			344	252	Laundry soaps, cleansers, and			14.4	
fixtures	59	105	97	88	polishes	306	367	397	39
Computers, office equipment,	- 00	1.00		100	Movies	103	167	138	14
and stationery	57	374	249	222	Pet products	144	175	175	15
Confectionery, soft drinks		393	388	359	Proprietary medicines	430	670 58	700	76
Consumer services		369	303	379	Publishing and media	132	352	416	43
Dept. and discount stores	94	215	161	139	Tobacco products and supplies	132	10	6	43
ood and food products	844	1.365	1,502	1.513	Toiletries and toilet goods		978	955	87
reight and industrial	-37.5	.,,-,-	1000		Toys and sporting goods		165	152	13
development	7	53	40	27	Travel, hotels, and resorts	72	108	102	11
Sas, lubricants, etc.	71	56	49	45	All other	64	393	367	35
lome electronics equipment		79	36	40				3.91	100

<sup>&</sup>lt;sup>1</sup> Includes optical goods.

# No. 901. TELEVISION—ESTIMATED TIME CHARGES FOR SPOT ADVERTISING: 1980 TO 1986 [In millions of dollars. Data represent activity in the top 75 markets monitored by Broadcast Advertisers Reports, Inc. (BAR), currently covering approximately 329 stations. See text, section 18 for a definition of types of advertising]

TYPE OF PRODUCT	1960	1984	1985	1986 1	TYPE OF PRODUCT	1980	1984	1985	1986
Estimated time charges	2,496	4,164	4,504	4,929	Home electronics equipment	73	76	67	79
Agriculture and farming	15	19	17	24	Horticulture	35	39	37	38
Apparel, footwear, and	1.5			-	and furnishings	133	215	217	200
accessories	105	113	95	64	Insurance		67	88	118
Automotive	228	563	683	934	Jewelry, optical goods, and	100	0.5	1 20	1 4.3
Beer and wine	156	204	218	243	cameras	55	70	68	58
Building material, equipment,	100	100	100	1	Laundry soaps, polishes	111	144	175	160
and fixtures	47	56	58	68	Pet products	33	56	60	55
Computers, office equipment,	100	1	100	1000	Proprietary medicines	93	148	148	144
and stationery	15	63	25	34	Publishing and media		127	147	167
Confectionery, soft drinks	212	335	355	376	Tobacco products, suppliers	8	14	14	15
Consumer services	83	222	262	304	Toiletries and toilet goods	223	263	267	230
Food and food products	507	885	927	977	Toys and sporting goods	104	141	211	212
Freight and industrial develop-	245	1	1	111	Travel, hotels, and resorts	76	183	187	230
ment	5	21	36	50	All other	17	36	40	38
Gasoline, lubricants, etc	50	104	102	111		1	1		1

<sup>&</sup>lt;sup>1</sup> Excludes National Syndicated activity; therefore, not completely comparable to prior years.

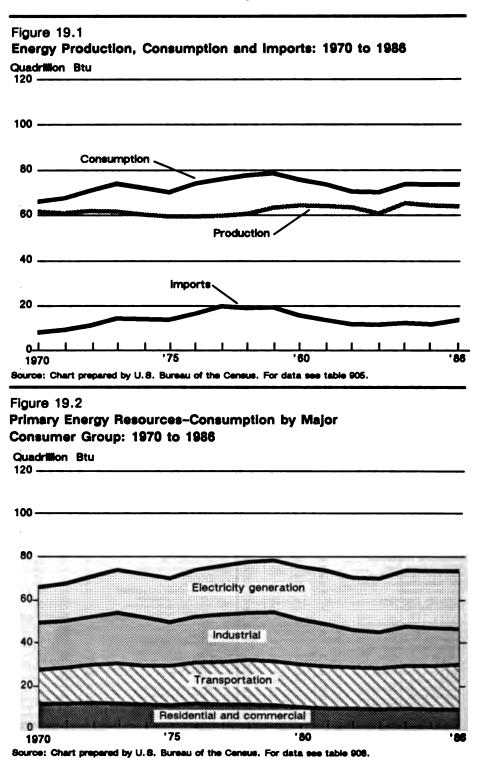
### No. 902. Television—Expenditures for Retail/Local Advertising: 1980 to 1986

[in millions of dollars. See headnote, table 901]

TYPE OF PRODUCT	1980	1984	1985	1986	TYPE OF PRODUCT	1980	1984	1985	1986
Expenditures	1,983	3,485	3,899	4,445	Home building contractors	OF.	77	91	93
Amusements, entertainment	68	104	121	128	building supplies Hotels, resorts, U.S	35 18	77 58	62	73
Appliance stores, repair		89	122	142	Financial planning services	7	28	29	34
Auto repair, service stations		61	73	80	Jewelry stores	19	24	25	27
Auto supply, accessory stores		36	41	39	Legal services	5	28	38	47
Auto, truck dealers		257	311	339	Leisure time stores and services	42	84	107	118
Banks, S&L associations		198	195	210	Loan, mortgage companies	12	20	25	24
Builders, real estate		42	41	38	Mail order, catalog showrooms	13	22	23	16
builders, real estate	20	46	7.1	30	Medical, dental services	13	62	87	114
Carpet, floor covering stores	24	36	40	44	Movies	102	86	103	135
Clothing stores	46	73	82	112	Newspapers	15	29	32	33
Department stores	131	168	186	177	Optical services, supplies	14	19	28	47
Discount department stores		93	115	113	Political	70	104	22	161
Drug stores	26	57	67	78	Radio, cable TV	69	129	134	147
Education services		49	70	86	Rental services (non-auto)	15	34	38	43
Food stores, supermarkets		244	259	303	Restaurants, drive-ins	288	578	672	745
Furniture stores		165	187	195	Shoe stores	27	38	37	43
Gas, electric, water companies		33	38	42	Shopping centers, ass'ns	13	20	20	21
Hardware stores		23	20	17	Sport, hobby, toy stores	23		41	299
Health clubs, reducing salons		32	39		All other	137	241	278	299

Source of tables 900-902: Television Bureau of Advertising, Inc., New York, NY. Data compiled by Broadcast Advertisers Reports, Inc., New York, NY in the top 75 markets.

532 Energy



# 72

#### Section 19

## Energy

his section presents statistics on fuel resources, energy production and consumption, electric rgy, hydroelectric power, nuclear power, solar energy, wood energy and the electric and gas ly industries. The principal sources are the U.S. Department of Energy's Energy Information Adistration (EIA), the Edison Electric Institute, Washington, DC, and the American Gas Association, ngton, VA. The Department of Energy was created in October 1977 and assumed and central the responsibilities of all or part of several agencies including the Federal Power Commission C), the U.S. Bureau of Mines, the Federal Energy Administration, and the U.S. Energy Research Development Administration. For additional data on transportation, see section 21; on fuels, section 25; and on energy-related housing characteristics, see section 26.

he EIA, in its Annual Energy Review, provides statistics and trend data on energy supply, nand, and prices. Information is included on petroleum and natural gas, coal, electricity, hydrotric power, nuclear power, and solar and geothermal energy. Among its annual reports are rual Energy Review, Electric Power Annual, Natural Gas Annual, Petroleum Supply Annual, State vrgy Data Report, Energy Price and Expenditure Report, Financial Statistics of Selected Electric ities, Historical Capital Costs and Annual Production Expenses, Residential Energy Consumption vey, Performance Profiles of Major Energy Producers, Typical Electric Bills, Annual Energy Outk, and International Energy Annual. These various publications contain State, national, and interonal data on production of electricity, net summer capability of generating plants, fuels used in rgy production, energy sales and consumption, hydroelectric power, construction costs and protion expenses of power plants, and depreciation practices. The EIA also issues the Monthly irgy Review, which presents current supply, disposition, and price data, and separate weekly I monthly publications on petroleum, coal, natural gas, and electric power. Data on residential rgy consumption, expenditures, and conservation activities are available from EIA's Residential ergy Consumption Survey and are published in Residential Energy Consumption Survey: Conaption and Expenditures, and Residential Energy Consumption Survey: Conservation, and severther reports.

The Edison Electric Institute's monthly bulletin and annual Statistical Year Book of the Electric ity Industry for the Year contain data on the distribution of electric energy by public utilities; innation on the electric power supply, expansion of electric generating facilities, and the manufactor of heavy electric power equipment is presented in the annual Year End Summary of the Electrower Situation in the United States. The American Gas Association, in its monthly and quarter-bulletins and its yearbook, Gas Facts, presents data on gas utilities, including sales, revenues, stomers, prices, and other financial and operating statistics. A wide range of petroleum statistics provided in the American Petroleum Institute publication Basic Petroleum Data Book.

Itu conversion factors.—Various energy sources are converted from original units (e.g., short s, cubic feet, barrels, kilowatthours) to the thermal equivalent using British thermal units (Btu). A is the amount of energy required to raise the temperature of 1 pound of water 1 degree Fahreit (F) at or near 39.2 degrees F. Factors are calculated annually from the latest final annual a available; some are revised as a result. The following list provides conversion factors used in 35 for production and consumption, in that order, for various fuels: Petroleum, 5.800 and 5.387. Btu per barrel; total coal, 21.874 and 21.370 mil. Btu per short ton; and natural gas (dry), 1,033 1 1,033 Btu per cubic foot. The factors for the production of nuclear power and geothermal wer were 10,809 and 21,263 Btu per kilowatthour, respectively. The fossil fuel steam-electric wer plant generation factor of 10,339 Btu per kilowatthour was used for hydroelectric power gention and for wood and waste, wind, photovoltaic, and solar thermal energy consumed at electric lites.

**fistorical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Histori-*'Statistics of the United States, Colonial Times to 1970. See Appendix IV.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs y also be found in *State and Metropolitan Area Data Book 1986*. For cross-references, see Apndix V.

533

534 **Energy** 

#### No. 903. Total Horsepower of All Prime Movers: 1950 to 1986

n millions, except percent. As of January, except as noted. Prior to 1990, excludes Alaska and Hawali, except as noted. Priv movers are mechanical engines and turbines, and work animals, which originally convert fuels or force (as wind or falling well-into work and power. Electric motors, which obtain their power from prime movers, are excluded to avoid duplication. See all Historical Statistics, Colonial Times to 1970, series S 1-14]

		AUTOMOT	TVE 1 2				NONAUTO	OMOTIVE			
YEAR	Total horse- power	Total	Per- cent of total	Total	Facto- ries 3	Mines <sup>3</sup>	Rati- roads <sup>4</sup>	Mor- chent ships and salling vessels	Farms	Elec- tric cen- tral sta- tions <sup>2</sup>	Air- creft * <sup>1</sup>
1950 1955 1980 1965	4,868 7,158 11,008 15,096	4,404 6,632 10,367 14,306	90.5 92.7 94.2 94.8	464 526 641 790	33 38 42 48	22 31 35 40	111 60 47 44	• 23 • 24 24 24 24	166 212 240 272	88 138 217 307	* 22 * 26 37 55
1970	20,408 22,913 24,262 24,516	19,325 21,736 23,029 23,224	94.7 94.9 94.9 94.7	1,083 1,175 1,233 1,292	54 57 58 59	45 48 46 46	54 57 57 81	22 21 20 21	290 305 308 315	435 508 562 605	183 181 182 185
1975 1976 1977 1978 1979		23,752 24,339 25,025 25,892 26,617	94.6 94.6 94.5 94.6 94.5	1,348 1,393 1,444 1,487 1,545	60 61 62 63 63	47 47 47 48 48	62 64 62 64 62	22 22 23 25 25	318 324 328 1335 342	654 692 728 754 803	185 164 194 198 201
1980	28,922 29,507 30,495 31,337 31,819 32,529 33,660	27,362 27,909 26,852 29,662 30,117 30,792 31,893	94.6 94.6 94.6 94.7 94.7 94.7 94.8	1,564 1,596 1,643 1,675 1,702 1,737 1,767	64 64 64 64 66 66	48 48 48 47 47 47	63 65 64 62 61 58 56	28 29 29 29 30 29 29	345 345 352 356 359 358 358	806 835 864 877 886 912 942	210 212 232 240 254 208 270

Includes passenger cars, trucks, buses, and motorcycles.
 \*As of July 1. \*\*Beginning 1965, data are settmates.
 \*Beginning 1965, not strictly comparable with earlier years. \*Includes private planes and commercial sirlines. \*Includes Alaska and Hawali. \*Includes estimates of about 3.0 million hp in work animals and 30,000 in windmills.

#### No. 904. Energy Production and Consumption, by Major Source: 1980 to 1986

[Btu = British thermal unit. For Btu conversion factors, see text, section 19. See also Historical Statistics, Colonial Times to 1970, series M 78-92]

	Total	PEI	RCENT OF	PRIODUC	TION	Total	PER	CENT OF	CONSUM	PTION	Consumo
YEAR	pro- duction (quad. Btu)	Coel	Petro- leum 1	Netu- ral gas <sup>3</sup>	Other <sup>3</sup>	con- sumption (qued. Btu)	Coal	Petro- leum <sup>1</sup>	Netu- ral gas <sup>2</sup>	Other <sup>a</sup>	tion/ produc- tion ratio
1980	41.5	26.1	36.0	34.0	3.9	43.8	22.5	45.5	28.3	3.8	1.08
1961	42.0	24.9	36.2	34.9	4.0	44.5	21.6	45.5	29.1	3.8	1.06
1982		25.0	35.6	35.1	4.2	46.5	21.3	45.2	29.5	4.0	1.07
1902	43.0										1.06
1983	45.9	25.8	34.8	35.4	4.0	48.3	21.5	44.9	29.8	3.7	
1984	47.7	26.2	33.9	35.8	4.0	50.5	21.7	44.2	30.3	3.8	1.06
1965	49.3	26.5	33.5	35.8	4.3	52.7	22.0	44.1	29.9	4.0	1.07
1986	52.2	25.8	33.7	38.4	4.1	55.7	21.8	43.8	30.5	3.8	1.07
1967	55.0	25.1	33.9	36.5	4.4	57.6	20.7	43.9	31.2	4.2	1.05
1986	56.8	24.0	34.0	37.6	4.4	61.0	20.2	44.2	31.5	4.1	1.07
1989	59.1	23.5	33.1	38.7	4.8	64.2	19.3	44.1	32.2	4.4	1.09
1970	62.1	23.5	32.9	38.9	4.7	66.4	18.5	44.4	32.8	4.3	1.07
1971	61.3	21.5	32.7	40.5	5.3	67.9	17.1	45.0	33.1	4.8	l i.ii
1972	62.4	22.6	32.1	39.7	5.6	71.3	16.9	46.2	31.9	5.0	1.14
1973	62.1	22.5	31.4	39.9	6.2	74.3	17.5	48.9	30.3	5.3	1.20
1074	60.8	23.1	30.5	38.9	7.4	72.5	17.5	46.1	30.0	6.5	1.19
1974	. au.a	23.1	30.5	30.9	/.4	/2.5	17.5	40.1	30.0	0.5	1.19
1975	59.9	25.0	29.6	36.8	8.6	70.5	17.9	46.4	28.3	7.4	1.18
1976	59.9	26.1	28.8	36.4	8.6	74.4	18.3	47.3	27.4	7.1	1.24
1977	60.2	26.2	29.0	36.4	8.5	76.3	18.2	48.7	26.1	7.0	1.27
1976	61.1	24.4	30.2	35.6	9.9	76.1	17.6	48.6	25.6	8.1	1.20
1979	63.8	27.5	28.4	35.0	9.1	78.9	19.1	47.1	26.2	7.7	1.24
1980	64.8	28.7	28.2	34.2	8.9	76.0	20.3	45.0	26.8	7.8	1.17
1961	64.4	28.5	26.2	34.2	9.1	74.0	21.5	43.2	26.9	1 44	1.15
1982	63.9	29.2	28.7	32.0	10.2	70.8	21.8	42.7	26.1	9.6	1.11
1983		28.2	30.1	30.6	11.2	70.5	22.8	42.6	24.6	10.2	1.15
		30.0	28.6	30.7	10.7	74.1	23.0	41.9	25.0	10.0	1.13
	95.6										
1985	64.8	30.0	29.3	29.6	11.3	74.0	23.6	41.8	24.1	10.4	1.14
1995	64.3	30.3	26.6	29.0	12.1	73.9	23.4	43.1	22.4	11.1	1.15

¹ Production includes crude oil and lease condensate. Consumption includes domestically produced crude oil, natural gas liquids and lease condensate, plus imported crude oil and products.
¹ Production includes natural gas liquids; consumption excludes eleval gas liquids.
² Comprised of hydropower, nuclear power, geothermal energy and other.
Source: U.S. Energy Information Administration, Annual Energy Review, and unpublished data.

Source: 1950 and 1955, The Twentieth Century Fund, New York, NY, J.F. Dewhurst and Associates, America's Needs and Associates,

# NO. 900. ENERGY SUPPLY AND DISPOSITION, BY TYPE OF FUEL: 1980 TO 1986 [In quadrillon British thermal units (Blut), except percent. For Blu conversion factors, see text, section 19]

TYPE OF FUEL	1960	1970	1973	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986, prel.
Production	41.5	62.1	62.1	59.9	61.1	63.8	64.8	64.4	63.9	61.2	65.8	64.8	64.3
Crude oil 1	14.9	20.4	19.5	17.7	18.4	18.1	18.2	18.1	18.3	18.4	18.9	19.0	18.4
Natural gas liquids	1.5	2.5	2.6	2.4	2.2	2.3	2.3	2.3	2.2	2.2	2.3	2.2	2.2
Natural gas =		21.7	22.2	19.6	19.5	20.1	19.9	19.7	18.3	16.5	17.9	16.9	16.5
Coal	10.8	14.6	14.0	15.0	14.9	17.5	18.6	18.4	18.6	17.3	19.7	19.3	19.5
Nuclear power		2	.9	1.9	3.0	2.8	2.7	3.0	3.1	3.2	3.6	4.2	4.5
Hydropower	(z) 1.6	2.6	2.9	3.2	2.9	2.9	2.9	2.8	3.3	3.5	3.1	2.9	3.0
Geothermal and other	(z)	(z)	(z)	.1	2.0	2.0	.1	2.0	0.0	3.3	2	2.0	2
George Ina and Outer	(2)	(2)	(2)		11.					1			
Net trade *	-2.7	-5.7	-12.7	-11.8	-17.3	-16.4	-12.2	-9.6	-7.5	-8.3	-9.0	-7.9	-10.1
Exports	1.5	2.7	2.1	2.4	1.9	2.9	3.7	4.3	4.6	3.7	3.8	4.2	4.0
Coal	1.0	1.9	1.4	1.8	1.1	1.8	2.4	2.9	2.8	2.0	2.2	2.4	2.3
Imports 4		8.4	14.7	14.1	19.3	19.6	16.0	14.0	12.1	12.0	12.8	12.1	14.1
Crude oil	22	2.8	6.9	8.7	13.5	13.8	11.2	9.3	7.4	7.1	7.3	6.8	8.8
Consumption	43.8	66.4	74.3	70.6	78.1	78.9	76.0	74.0	70.8	70.5	74.1	74.0	73.9
Petroleum products		29.5	34.8	32.7	38.0	37.1	34.2	31.9	30.2	30.1	31.1	30.9	31.9
Natural gas 3		21.8	22.5	19.9	20.0	20.7	20.4	19.9	18.5	17.4	18.5	17.9	16.5
Coal	9.8	12.3	13.0	12.7	13.8	15.0	15.4	15.9	15.3	15.9	17.1	17.5	17.3
Nuclear power		2	.9	1.9	3.0	2.8	2.7	3.0	3.1	3.2	3.6	4.2	4.5
	1.7	2.7	3.0	3.2	3.1	3.1	3.1	3.1	3.6	3.9	3.7	3.4	3.5
Geothermal and other	(z)	(z)	(z)	.1	1	3.1	0.1	.1	1.1	1	2	2	1

<sup>2</sup> Less than 50 trillion. <sup>1</sup> Includes lesse condensate. <sup>9</sup> Dry marketed gas. <sup>9</sup> Exports minus imports. <sup>4</sup> Includes other types, not shown separately. <sup>9</sup> Includes industrial generation of hydropower and net electricity imports.

Source: U.S. Energy Information Administration, Annual Energy Review.

## NO. 900. SELECTED ENERGY INDICATORS—SUMMARY: 1980 TO 1986 [Btu-British thermal unit. For Btu conversion factors, see text, section 19]

			ANNUAL	AVERA	GE PERCE	NT CHANG	E 1				APITA *	Con-
122	E	nergy pro	oduction	1	En	ergy cons	umption	n				per
YEAR	Total *	Crude oil <sup>3</sup>	Nat- ural gas	Coal	Total <sup>2</sup>	Petro- leum prod- ucts	Nat- ural gas (dry)	Coal	GNP4	Energy pro- duction	Energy con- sumption	GNP + (1,000 Btu)
1960	1.4 3.5	2.0	6.3 4.5	-2.6 3.8	2.4 3.8	2.9 3.1	6.6 4.9	-2.5 3.3	2.2 4.6	231 255	243 272	26.3 25.2
1970 1971 1972 1973 1974	1.8	4.3 -1.8 (z) -2.7 -4.7	6.6 2.8 3 1 -4.4	2.3 -9.7 6.9 7	4.7 2.2 5.0 4.2 -2.3	4.9 3.5 7.8 5.7 -4.0	6.7 3.1 1.0 8 -3.5	1.2 -5.4 4.1 7.4 -2.4	3.0 2.8 5.0 5.2 5	304 296 298 294 285	326 328 340 351 340	27.5 27.5 27.5 27.1 26.6
1975	.1 .5	-4.5 -2.7 1.1 5.6 -1.8	-7.4 8 .5 4 3.0	6.5 4.4 .6 -5.4 17.6	-2.8 5.4 2.6 2.4 1.0	-2.2 7.5 5.5 2.3 -2.2	-8.2 2.0 -2.1 .4 3.3	7.3 2.5 -1.1 9.3	-1.3 4.9 4.7 5.3 2.5	278 275 274 275 284	327 342 347 352 351	26.2 26.3 25.1 25.1 24.7
1980 1981 1982 1983 1984 1985 1986 1986, prel	1.5 5 8 -4.2 7.6 -1.6	.8 6 .9 .5 2.5 .7 -3.4	9 -1.1 -7.4 -9.4 8.5 -5.6 -2.5	6.0 -1.2 1.4 -7.5 14.3 -2.0	-3.7 -2.6 -4.3 5 5.1 1	-7.9 -6.6 -5.3 6 3.3 4 3.1	-1.3 -2.3 -7.1 -6.2 6.6 -3.6 -7.4	2.5 3.1 -3.7 3.8 7.4 2.4 9	2 1.9 2.5 3.5 6.4 2.7 2.5	285 281 275 261 278 271 267	334 322 305 300 312 309 307	23.8 22.8 22.4 21.2 20.6 20.5

Z. Lees then .05 percent. <sup>1</sup> Represents annual average for period of intervals shown; for 1980, change from 1965. Percent change derived from Bits values. Minus sign indicates decrease. For explanation of average annual percent change, see Guide to Tabular Presentation. <sup>2</sup> includes types of fuel or power not shown separately. <sup>2</sup> includes lease conclensate. <sup>3</sup> Gross national product in constant (1982) dollars, see table 668. <sup>3</sup> Besed on resident population estimated as of July 1.

Source: U.S. Energy Information Administration, Annual Energy Review.

536 Energy

NO. 907. ENERGY CONSUMPTION—END-USE SECTOR AND SELECTED SOURCE, BY STATE: 1985
[In triffice of Btu, except as indicated. For Btu conversion factors, see text, section 19. For composition of regions, see fig. I, inside front cover]

		Per	Parcent		END-US	E SECTO	R	1		SOURCE		
REGION, DIVISION, AND STATE	Total 1	cap- ita <sup>2</sup> (mil. Btu)	Percent change, 1984- 1985	Resi- dential	Com- mercial	Indus- trial	Trans- portation	Petro- leum	Natural gas (dry)	Coal	Hydro- power	Nu- clear powe
U.S	74,023	310	(z)	15,263	11,582	27,056	20,123	30,925	17,869	17,520	3,363	4,147
Region:			1							12.0	1	
Northeast	11,523	231 319	.2	2,959	2,312	3,034 7,035	3,220 4,451	5,704 6,548	2,200 4,524	1,946 6,270	590 257	1,030
South	30,079	367	3	4,402 5,205	4,021	12,983	7.872	6,548 12,645	7,950	7,393	399	1,70
West	13,568	284	.5	2,700	2,266	4,021	4,583	6,032	3,199	1,911	2,115	387
New England	2,745	217	2.3	791	559	574	824	1,688	355	175	123	294
Maine	304	261	2.3	73	41	96	94	193	3	2	35	5
New Hampshire	200 115	200 215	3.2 2.4	61 36	28 18	49 24	63 37	123 64	11	39	21 13	3
Massachusetts	1.240	213	1.8	362	274	221	383	762	224	111	47	6
Rhode Island	195	202	6.8	60	38	48	51	109	31	(Z)	4	
	691	218	1.6	199	160	136	196	437	81	21	3	138
Middle Atlantic	8,778	236	4.2	2,168	1,753	2,460	2,396	4,016	1,845	1,771	467	73
New York	3,373	190 282		913	912	702	845 790	1,604	795	305	460	26
New Jersey	2,134	276	6	464 791	379 462	1,257	761	1,215	392 658	1,364	1-3	193
		95.5		1.561	1.5	100	1	1965.3	1	10000	240	
East North Central	13,250 3,588	318	-1.5	3,063	<b>2,070</b> 521	5,193 1,524	2,924 755	4,325 1,130	3,245 764	1,394	47	700
Ohio Indiana	2,289	416	-1.1	412	243	1,116	516	748	436	1,192	4	
Illinois	3,469	301	-2.1	839	673	1,229	728	1,138	989	801	1	42
Michigan Wisconsin	2,612	287	3,9	679 344	407 226	913 411	612 311	854 455	745	785 365	14 26	145
	1,202	211	2.1	1 257		211	311	400	311	300	20	111
West North Central	5,618	320	1.1	1,339	912	1,842	1,527	2,223	1,279	1,733	210	32
Minnesota	1,224	292 319	1.0	302 226	186 148	402 326	333 220	495 341	259 227	228 268	38	125
Missouri	1 477	293	1.2	399	259	390	430	579	259	521	31	8
Missouri	301	440	13.7	55	33	145	69	119	29	307	50	1
South Dakota	192 497	310	3.4 -1.0	51 125	28 105	127	65 141	98 195	25 125	34 115	55 15	45
Nebraska Kansas	1,007	411	8	181	153	405	269	396	355	260	(z)	4
South Atlantic	10,829	269									100	
Delaware	205	330	-2.0	2,411	1,825	3,243	3,351 56	4,608 120	1,331	3,533	129	1,26
Maryland	1,129	257	-1.1	274	152	388	316	467	156	264	16	10
District of Columbia	165	265	1	35	70	30	30 500	40	29	4	-	
West Virginia	1,596 735	280 379	3.1 -7.1	366 124	310 78	419 379	154	671 247	145	304 882	11	24
North Carolina	1,681	268	.5	382	264	542	492	665	139	555	42	20
South Carolina	994	298	.1	191	138	400	265	346	101	258	19	344
Georgia Florida	1,771 2,553	296 225	2.2 5.4	355 647	253 533	574 425	589 949	754 1,298	290 303	727 467	29	254
	0.000		1.00	1,000		1 1 2 2 2	0.940	,,,,,,,	-	1,500		1 35
East South Central	5,040	333	-2.0	1,011	717	1,970	1,342	1,817	183	2,073	169	307
Kentucky Tennessee	1,192	344	-3.2 -1.7	254 350	170 271	448 585	321 432	465 562	197	713 588	30 68	100
Alabama	1,394	346	-1.2	252	173	633	335	453	228	663	71	158
Mississippi	815	312	-1.9	155	103	304	254	337	233	109	-	47
West South Central Arkansas	14,210	535	-1.0	1,783	1,479	7,770	3,179	6,220	5,778	1,787	101	134
Arkansas	762	323	-1.9	155	104	299	204	303	199	220	46	107
Louisiana	3,185 1,339	710	-6.1 -1.0	289 267	250 198	2,051 532	596 342	1,352	1,446	159 237	41	27
Oklahoma	8,924	545	1.0	1,072	927	4,888	2,037	4,099	3,521	1,171	14	
Mountain	4,043	240		-	700							
Montana	347	316 420	1.3	820 64	706 55	1,310	1,208	1,583	859 47	1,759	106	13
Idaho	347 347	346	2.0	80	70	118	80	106	41	9	113	
Wyoming	351 884	689	2.9	40 219	36 215	206 174	70	128	87	408 300	11 24	1
Colorado New Mexico	458	316	-5.0	67	70	159	276 162	333	223 159	268	1	
Arizona	821	257	3.7	170	157	200	293	318	136	345	145	12
Utah Nevada	529 306	322	1.0	115 65	62	219 89	133	185 136	124	126	11 45	
	1 2 2 2 2	150	1 7 5	1	16.00	100	1 212			126	100	1.1
Pacific	9,525	272	.2	1,880	1,560	2,711	3,375	4,449	2,340	152	1,659	375
Washington	1,682	382 299	1.5	197	310 142	552 220	421 246	586 316	140 86	94	806 474	75
California	6,359	241	.2	1,219	1,038	1,692	2,409	3,098	1,896	43	370	213
Alaska	448	859	-4.8	43	51	200	154	221	215	5	8	116
Hawaii	232	221	6.7	21	19	47	145	228	3	-	1	

Represents zero. Z Less than 500 billion or .05 percent. ¹ Sources of energy includes geothermal, wood and weste, and net interstate sales of electricity, including losses, not shown separately. ² Based on estimated resident population as of July 1. ² Includes —13.5 trillion Btu of net imports of coke not allocated by State. ⁴ Minus sign (—) indicates when amount of energy expended for pump storage hydropower exceeds amount of energy consumed.

Source: U.S. Energy Information Administration, State Energy Data Report, 1960-1985.

#### Energy Consumption—Expenditures and Fuel Prices

### No. 900. PRIMARY ENERGY CONSUMPTION BY END-USE SECTOR: 1960 TO 1986 [For definition of Blu, see text, section 19]

SECTOR	1960	1970	1973	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986, prel.
Total consumption (quad. Btu)	43.8	66.4	74.3	70.6	78.1	78.9	76.0	74.0	70.8	70.5	74.1	74.0	73.9
Residential and commercial	8.7	12.1	12.3	11.6	11.9	11.5	10.7	10.0	10.1	9.7	10.1	9.8	9.7
	16.3	21.9	23.6	20.4	21.9	22.8	21.0	19.7	17.4	16.7	18.2	17.5	16.7
	10.6	16.0	18.5	18.2	20.6	20.4	19.7	19.5	19.0	19.1	19.8	20.1	20.7
	8.2	16.3	19.9	20.3	23.7	24.1	24.5	24.8	24.3	24.9	26.0	26.5	26.8
Percent of total: Residential and commercial	20.0	18.3	16.5	16.4	15.3	14.6	14.1	13.6	14.2	13.8	13,6	13.2	13.1
	37.1	32.9	31.7	28.9	28.0	28.9	27.7	26.6	24.6	23.7	24.5	23.7	22.6
	24.1	24.2	25.0	25.8	26.3	25.9	25.9	26.3	26.9	27.1	26.8	27.2	28.0
	18.7	24.5	26.7	28.8	30.4	30.6	32.3	33.5	34.2	35.4	35.1	35.8	36.3

Source: U.S. Energy Information Administration, Annual Energy Review.

#### No. 909. ENERGY CONSUMPTION, BY SECTOR AND PRIMARY SOURCE: 1986

(in trillions of littu. For definition of Btu, see text, section 19)

SECTOR	Total <sup>1</sup>	Coel 2	Netu- ral gas, dry	Petro- leum <sup>a</sup>	Hydro- elec- tric 4	Nu- clear power	Other <sup>s</sup>	Elec- tricity distrib- used *	Elec- tric energy loss
Final consuming sectors	73,870 27,244 25,924 20,695 28,784	2,802 179 2,623 14,462	13,826 6,966 6,363 495 2,701	30,435 2,573 7,704 20,158 1,452	33 (x) 33 (x) 3,462	(X) (X) (X) (X) 4,475	-17 -17 -232	8,110 5,306 2,791 13 (x)	18,673 12,217 6,428 30 (X)

<sup>—</sup> Represents zero. X. Not applicable. <sup>1</sup> Total may not equal sum of components due to independent rounding of the components. <sup>2</sup> Represents anthracite, bituminous coal, and lignite. <sup>3</sup> Includes petroleum products, still gas, liquefied refinery gas, and natural gas liquids. <sup>4</sup> Industrial sector in hydrostactricity produced by the industrial sector. Electric utilities sector includes electricity produced from geothermal, wood, waste, wind, solar thermal, and photovoltaic sources. <sup>4</sup> Electrical energy used by railroads, and for street and highway lighting, is included in transportation sector. <sup>7</sup> Losses allocated by final end-use sector in proportion to their direct blowstit hour usage.

Source: U.S. Energy Information Administration, Monthly Energy Review, January 1988.

### No. 910. ENERGY EXPENDITURES AND AVERAGE FUEL PRICES, BY SOURCE AND SECTOR: 1970 TO 1985

[For definition of Btu, see text, section 19. End-use sector and electric utilities exclude expenditures and prices on energy sources such as hydropower, soler, wind, and geothermal. Also excludes expenditures for reported amounts of energy consumed by the energy industry for production, transportation, and processing operations]

SOURCE AND SECTOR	1970	1975	1980	1981	1982	1983	1984	1985
EXPENDITURES (mil. dol.)	-							19,7
Total 1 2	82 567	171,549	374,704	428,064	426,157	417,139	438,737	441,045
Natural gas		20.059	51,016	60,498	68,203	71,923	77,048	72,901
Petroleum products <sup>2</sup>	48.074	103,626	239,262	266,782	243,837	222,896	225,714	223,572
Motor gasoline	31.588	59,447	124,404	138,139	130,309	118,096	114,444	118,308
Distillate fuel oil	6,255	15,683	40,793	48,200	44,118	40,403	42,984	41,505
Jet fuel		4,194	13,924	15,608	14,974	13,940	15,064	14,745
Residual fuel	2.046	10,380	21,583	22,672	17,623	14,093	14,389	11,494
Coal		13.044	22,636	26,191	26,391	27,084	29,052	29,666
Electricity sales	23,350	50,683	98,099	116,453	127,393	134,745	147,895	154,530
Residential sector	20,083	36,845	68,828	77,915	86,820	92,054	98,692	101,372
Commercial sector	10,670	22,835	46,883	55,365	61,239	64,825	70,038	71,443
Industrial sector	16,344	40,780	95,018	109,428	104,081	101,457	111,798	107,798
Transportation sector <sup>a</sup>	35,471	71,089	163,976	185,357	174,016	158,802	158,208	160,432
Motor gasoline	30,517	57,993	121,805	135,395	127,953	116,071	112,051	115,459
Electric utilities	4,313	16,395	37,427	43,269	41,303	41,300	43,345	42,522
AVERAGE FUEL PRICES (dol. per mil. Blu)	100	0.7	1.0	1			100	
All sectors	1.08	2.20	4.60	5.27	5.35	5.15	5.03	4.91
Residential sector		3.83	7.55	8.92	9.91	10.81	11.15	11.42
Commercial sector		4.09	7.88	9.55	10.43	11.03	11.44	11.89
Industrial sector		2.21	4.77	5.60	6.14	6.28	6.29	6.19
Transportation sector	2.33	4.03	8.64	9.86	9.45	8.54	8.20	8.20
Electric utilities	32	.96	1.75	2.00	2.01	1.97	1.97	1.85

<sup>&</sup>lt;sup>1</sup> Includes electricity sales; excludes electricity generation. <sup>2</sup> Includes sources or fuel types not shown separately. Source: U.S. Energy Information Administration, State Energy Price and Expanditure Report, annual.

538 Energy

#### No. 911. ENERGY EXPENDITURES-Source AND END-USE SECTOR, BY STATE: 1985

(In millions of dollars, except per capits and percents. End-use sector and electric utilities exclude expenditures on energy sources such as hydropower, solar, wind, and goothermal. Also excludes expenditures for reported amounts of energy consumed by the energy industry for production, transportation, and processing operations].

		5,77	J		V	SOURCE				END-USI	SECTOR	
DIVISION AND STATE	Total i	Per cap- ita <sup>2</sup>	Percent change, 1984-	Petro	leum ucts	Natural	Coal	Electrici-	Resi-	Com-	Industrial	Trans-
SINIE		(dol.)	1985	Total	Gaso- line	gas	Coal	ty sales	dential	mercial	musulai	portation
U.S	441,045	1,847	.5	223,572	118,308	72,901	29,666	154,530	101,372	71,443	9 107,798	160,432
N. Eng ME	21,033	1,662	4.7	12,356 1,391	6,025 616	2,294	362 6	7,753 737	6,384 544	4,085	3,327 423	7,235 813
NH	1,538	1,539	1.6	944	505	70	78	578	487	203	283	565
MA	9,476	1,618	3.7 -1.9	545 5,483	291 2,653	1,395	225	3,344	267 2,873	1,980	1,343	3,280
RI	1,478 5,614	1,528	3.9	819 3,174	417 1,543	205 577	49	481 2,322	478 1,735	266 1,228	279 866	455 1,784
Mid. Att	61,646	1,658	1.3	29,205	14,705	10,418	2,969	23,754	17,609	13,346	11,433	19,257
	25.713	1.449	4.5	11,762	6,317	4,637 2,359	553	10 006	7,878	7,327	3,275	7,232 5,862
NJ PA	15,796 20,137	2,089 1,697	-1.9	8,502 8,941	3,553 4,835	3,422	193 2,223	5,336 7,512	3,987 5,744	3,000	2,947 5,211	6,163
E. No. Cent	78,593	1,887		22 227	19,994	10.100						***
OH	20,663	1,923	-1.9	33,827 8,915 5,376	5,229 2,708	16,408 3,941	8,356 2,396	7,306	19,955 5,182	12,369 3,100 1,269	21,227 5,865	25,043 6,517
IN	11,928 21,408	2,169 1,855	7	5,376 8,625	2,708 5,291	1,992 4,847	2,107	3,812 7,821	2,545 5,594	1,269 4,146	3,975 5,361	4,139 6,307
MI	16,571 8,023	1,823	4.3	7,096 3,815	4,473 2,293	3,978 1,650	1,506 646	5,186 2,456	4,398 2,236	2,582 1,272	4,271 1,755	5,320 2,760
W. No.		500	- 3	1	Uffid							(5)
Cent	33,098 7,394	1,885	-4	17,118 3,919	9,817 2,345	5,286 1,275	2,537 345	10,322 2,148	7,982 1,837	4,847 990	7,686 1,641	12,581
MO	5,639 9,050	1,957	-1.8 1.7	2,712 4,519	1,575 2,710	1,003	407 786	1,863	1,430 2,372	875 1,398	1,452 1,785	1,881 3,495
ND	1,635	2,387	6.9	880	447	115	453	391	316	170	561	588
SD	1,253 2,950	1,769	1.8	786 1,574	454 905	126 524	46 133	330 848	316 685	146 507	226 573	565 1,184
KS	5,177	2,113	-4.4	2,728	1,381	959	367	1,541	1,026	761	1,448	1,942
So. Atl	69,003 1,284	1,716	1.9	35,626 771	21,275 375	6,442	6,501	27,542 429	16,547 302	10,949	13,802	27,705 488
MD	7,303	1,662	2	3,706	2,276	967	465	2,638	1,907	992	1,627	2,777
VA	9,808	1,841	2.4	5,310	3,092	211 787	543	606 3,550	250 2,362	1,666	1,609	4,171
NC	3,717 10,695	1,919	-4.8 1.1	1,946	896 3,368	518 706	1,421	1,094 4,480	700 2,528	1,472	1,407 2,491	1,197 4,203
SC	5,805	1,741	.8	5,401 2,768	1,756	495	486	2,443	1,265	764	1,565	2,211
FL	10,823 18,421	1,811	5.8	5,685 9,709	3,356 5,953	1,486 1,091	1,362 990	3,591 8,711	2,171 5,062	1,503 3,492	2,532 2,096	4,617 7,772
E. So. Cent	27 701	1.831	7	13,651	7,923	3,186	3,568	10,425	5,575	3,815	7,754	10,558
KY	27,701 6,391	1,714	-2.0	3,461 4,361	1.851	715	1,053	2,046	1 401	712	1,767	2.511
AL	8,964 7,901	1,880	-1.5	3,453	2,710	823 963	911	3,635 3,210	1,643 1,639	1,404	2,408 2,454	3,509 2,711
	4,445	1,700	.5	2,376	1,268	685	273	1,534	892	602	1,125	1,827
W. So. Cent	70,372 4,400	2,652	-1.7	39,438	15,094	15,212	2,957	20,898	11,415	8,491	27,725	22,744
AR	13.543	3.019	-1.3	2,250 7,736	1,238 2,426	670 3,136	351 339	1,497	976 1,818	1.433	1,238 6,308	1,618
OK	6,786 45,643	2,053 2,786	1.0	3,386 26,066	1,942 9,488	1,631 9,775	399 1,868	3,477 2,351 13,573	1,494 7,127	1,433 1,036 5,453	1,644 18,535	3,984 2,613 14,529
Mt	22,895	1,789	1.4	11,941	7,007	3,115	2,119	7,890	4,960	3.884	4,487	9,564
MT	1.704	2,067 1,697	2.7	1,074 862	490 522	195	74 16	430 634	301 356	243 284	483 399	678 665
WY	1,425 5,310	2,794	3	810 2,622	356 1,742	180 938	405	376 1,742	1,263	1,126	517 650	530 2,272
NM	2,612	1,800	-3.8	1,626	860	362	351 294	723	489	456	523	1,143
UT		1,715	4.7	2,596 1,314	1,723 777	581 441	471 304	2,399 919	1,276 653	1,028 345	857 682	2,312 1,091
NV	1,895	2,022	1.7	1,037	537	225	204	667	415	231	376	873
WA	56,739 7,337	1,620	2.0	30,411	16,468 2,153	672	294 164	19,365 2,650	10,945	1,152	1,306	25,748 3,300
CA	4,434	1,651	2.4	2,376	1,354	9.214	22	1,603	7.934	7.348	7,692	1,920
AK	1,755	3,362	7.7	1.373	291	168	9	283	240	240	190	1,084
WA OR	7,337 4,434 41,286	1,665 1,651 1,566		3,991 2,376 21,136	2,153 1,354 12,226	9,214	164 22 99	2,650 1,603 14,132	1,579 948 7,934	7,348	1,306 873 7,692	

Represents zero.
 <sup>1</sup> Includes sources not shown separately. Total expenditures are the sum of purchases for each source (including electricity sales) less electric utility purchases of fuel.
 <sup>8</sup> Based on estimated resident population as of July 1.
 <sup>8</sup> Includes net imports of coal coke not shown separately by State.

Source: U.S. Energy Information Administration, State Energy Price and Expanditure Report, annual.

### No. 912. RESIDENTIAL ENERGY CONSUMPTION, EXPENDITURES, AND AVERAGE PRICES, 1979 TO 1965, AND BY REGION, 1965

(For period April to March of year stated, Excludes Aleska and Hewall in 1979 and 1990. Covers occupied units only, Excludes household usage of gasoline for transportation and the use of wood or coal. Based on Residential Energy Consumption Survey, see Appendix III. For composition of regions, see fig. I, inside front cover. Btu=British thermal unit; see text, section 19]

		1979,	1906.	1661,	1902,	1963,			1905		
TYPE OF FUEL	Unit	all house- holds	all house- holds	all house- holds	all house- holds	all house- holds	All house- holds	North-	Mid- west	South	West
CONSUMPTION				ļ					1		Ì
Total	Qued. Btu	10.56	9.74	9.32	9.51	8.62	9.04	2.29	2.80	2.80	1.45
Avg. per household	MIL Btu	136	128	114	114	103	105	2.29 125	129	85	85
Netural ges	Qued. Blu	5.56	5.31	4.94	5.39	4.77	4.98	.93	1.99	1.15	.91
Electricity	Qued. Blu	2.47	2.42	2.48	2.48	2.42	2.48	.41	.55	1.06	.47
Fuel oil, kerosene	Qued. Btu	2.19	1.71	1.55	1.33	1.14	1.28	.93	.13	.16	.04
Liquid petroleum gas	Qued. Btu	.33	.31	.38	.31	.29	.31	.03	.13	.12	.03
EXPENDITURES	ľ	1				l .			1	i	i .
Total	Bil. dol	65.5	63.2	74.6	85.0	87.8	97.0	26.4	25.1	30.9	14.0
Avg. per household	Dollars	724	815	917	1,022	1,048	1,123	1,443	1,160	1,055	852
Avg. per household Natural gas	Bill. dol	15.3	17.8	19.3	24.5	27.1	29.8	6.9	11.1	6.7	5.1
Electricity	Bil. dol	29.9	32.6	40.1	45.9	48.4	54.5	12.2	11.8	21.7	8.8
Fuel oil, keroeene	Bil. dol	8.6	10.7	12.5	11.8	9.6	9.6	7.0	1.0	1.3	.3
Liquid petroleum ges	Bil. dol	1.7	2.1	2.9	2.7	2.7	3.1	.4	1.2	1.2	.4
AVERAGE PRICE (per million Btu)										1	
Total	Dollers	5.25	6.49	8.03	8.93	10.16	10.73	11.52	8.96	12.80	10.02
Netural gas	Dollars	2.74	3.36	3.90	4.55	5.67	5.97	7.43	5.50	5.81	5.55
Electricity	Dollars		13.48	16.32	18.51	19.98	22.98	29.77	21.64	20.39	18.94
Fuel oil, kerosene	Dollars	3.93	6.29	8.04	8.89	8.42	7.62	7.54	7.67	8.14	7.85
Liquid petroleum gas	Dollars	5.09	6.71	7.92	8.74	9.42	10.00	13.11	8.67	10.38	10.56

Source: U.S. Energy Information Administration, Residential Energy Consumption Survey: Consumption and Expenditures, ennual through 1963; beginning 1965, triennial.

### No. 913. RESIDENTIAL ENERGY CONSUMPTION AND EXPENDITURES, BY TYPE OF FUEL AND SELECTED HOUSEHOLD CHARACTERISTIC: 1985

[For period April 1994 to March 1985. Qued. = quadrillion. See headnote, table 912]

		CONS	UMPTION (	Btu's)			EXPE	NOITURE	S	
CHARACTERISTIC	Total (quad.)	Avg. per house- hold <sup>1</sup> (mil.)	Nat- ural gas (quad.)	Elec- tricity (quad.)	Fuel oil 3 (quad.)	Total (bil. dol.)	Avg. per house- hold <sup>1</sup> (dol.)	Nat- ural gas. (bil. dol.)	Elec- tricity (bil. dol.)	Fue oil I (bil. dol.
Total households	9.04	105	4.98	2.48	1.26	97.0	1,123	29.8	54.5	9.
Single family detached	6.27	117	3.46	1.80	.77	67.1	1,255	20.2	38.5	6.
Single family attached	.45	112	.26	.11	.07	5.1	1,256	1.7	2.7	1
2-4 unit building	.97	97	.64	17	.16	9.5	950	4.1	4.2	1.
5 or more unit building	.97	71	.51	25	.10	10.3	761	3.1	5.9	1.
Mobile home	37	73	.12	15	04	4.9	947	6	3.2	1
		/-					32.00	1.00	-	1
Year house built:	11.2	1			1 2 2 2 1	200		lengthed to	65.75	100
1939 or earlier	3.16	126	1.88	.54	.64	30.5	1.212	11.6	13.0	4.5
1940-1949	.74	106	.42	.17	.13	7.7	1.092	2.6	3.9	1.0
1950-1959	1.36	107	80	.34	.18	14.1	1,120	4.7	7.7	1.
1960-1964		101	40	.23	.09	8.2	1.098	23	4.9	1 1
1965-1969		99	.45	.27	.07	9.3	1.126	2.7	5.8	
1970-1974	.96	90	49	36	.05	11.5	1.079	2.9	7.7	1 1
1975-1979		87	.38	.41	.07	11.1	1,100	21	8.3	1
1980 or later		74	.15	.16	.03	4.5	903	.8	3.3	1
Heating and cooling degree day zones: 5						161				
Less than 2,000 CDD and-	155		0.5	1.00		2.0	5.4527	-	100	
More than 7,000 HDD		114	.56	.22	.17	9.6	1,067	3.1	4.5	1.
5,500-7,000 HDO	2.90	135	1.87	.55	.42	27,6	1,283	11.0	12.8	3.
4,000-5,499 HDD		111	1.22	.63	.59	27.3	1,212	8.0	14.3	4.
Less than 4,000 HDD	1.65	82	.93	.59	.05	18.1	905	5.3	11.6	
More than 2,000 CDD and less than				100	100		100	100		1
4,000 HDD	.97	73	.41	.50	(8)	14.4	1,081	2.4	11.3	(E
1984 family income:					1.0	li Infor	100	7.	-	1
Less than \$5,000	.71	90	.42	.16	.10	7.0	891	2.4	3.5	1
\$5,000-\$9,999		95	70	31	23	13.5	964	4.1	6.8	1
\$10,000-\$14,999	1.32	92	.67	32	.17	12.6	965	3.9	7.0	l i
		100	.67	23	.14	9.4	1.043	2.9	5.0	1
\$15,000-\$19,999				24		9.4	1,043	2.7	5.1	1 '
\$20,000-\$24,999		101	.45		.12		1,080	5.4	10.7	1.
\$25,000-\$34,999	1.65	108	.90	.50	.21	18.2		4.3		1
\$35,000-\$49,999	1.28	121	.70	40	.16	14.5	1,368		8.8	1
\$50,000 or more	1.13	139	.67	.33	-11	12.7	1,568	4.0	LL	133

B Base figure too amail to meet statistical standards for reliability of derived figure.

1 Includes liquid petroleum gas. not shown separately.

2 CDD=Cooling degree day; HDD=Heating degree day.

Source: U.S. Energy Information Administration, Residential Energy Consumption Survey: Consumption and Expenditures, April 1984 through March 1985.

NO. 914. AVERAGE RESIDENTIAL ENERGY CONSUMPTION AND EXPENDITURES OF ALL FUELS USED, BY MAIN HEATING FUEL TYPE AND HOUSEHOLD CHARACTERISTIC: 1985

[For period April 1984 through March 1985. See headnote, table 912]

	CONSU	MPTION PE	ER HOUSE	10LD (mil.	Btu)	EXPEN	IDITURES I	PER HOUSE	EHOLD (do	Hers)
		Househo	olds using fuel		eating		Househ	olds using	as main I	heating
HOUSEHOLD CHARACTERISTIC	All house-		Elec	tricity		All		Elec	ricity	
	holds 1	Netural gas	With air condi- tioning	With- out air condi- tioning	Fuel oil <sup>2</sup>	holds 1	Netural gas	With air condi- tioning	With- out air condi- tioning	Fuel oil <sup>2</sup>
Total households	106	124	56	53	126	1,123	1,119	1,071	863	1,42
Region: Northeast Midwest South West Type: Single-family detached Single-family attached 2-4 unit building 5 or more unit building	129 85 85 117 112 97 71	136 142 115 99 140 118 101 63	61 70 54 54 70 66 44 35	52 72 43 53 64 (8) 45	137 124 90 121 137 142 124 105	1,443 1,160 1,055 852 1,256 1,256 950 761	1,421 1,154 1,121 873 1,272 1,195 903 706	1,476 1,151 1,047 916 1,289 1,221 816 743	1,233 1,284 811 706 1,046 (m) 614 604	1,535 1,286 1,156 1,124 1,585 1,577 1,377
Mobile home.  Year constructed: 1939 or earlier. 1940 to 1949. 1960 to 1966. 1990 to 1964. 1995 to 1990. 1970 to 1974. 1975 to 1979. 1990 or later.	126 106 107 101 99 90 87	102 138 114 119 118 121 119 119	64 61 65 54 56 50 61 47	54 58 (n) 40 49 49 58 53 57	78 138 130 116 104 122 102 116 112	947 1,212 1,092 1,120 1,096 1,126 1,079 1,100 903	922 1,177 1,030 1,101 1,147 1,162 1,128 1,078 827	960 929 1,231 1,290 1,038 1,075 967 1,163 918	967 809 (B) 622 792 797 1,061 916 913	1,000 1,500 1,470 1,300 1,120 1,400 1,410 1,190
1884 family income: Less then \$5,000 \$5,000-\$9,999 \$10,000-\$14,999 \$15,000-\$19,909 \$20,000-\$24,999 \$25,000-\$34,999 \$35,000-\$49,909	95 92 100 101 108 121	112 115 106 117 113 127 138 164	39 40 49 46 56 61 75 67	40 48 50 48 61 61 62 66	104 115 118 119 129 137 145 152	891 984 985 1,043 1,080 1,189 1,388 1,568	913 967 927 1,023 1,014 1,184 1,331 1,806	771 772 980 937 1,040 1,140 1,401 1,329	693 777 734 661 1,060 923 1,124 1,136	1,11 1,22 1,28 1,35 1,46 1,54 1,74 1,83

#### NO. 915. RESIDENTIAL ENERGY EXPENDITURES, BY TYPE OF END USE AND HOUSING **CHARACTERISTIC: 1985**

[For period April 1994 through March 1985. See headnote, table 912]

		EXPEN	DITURES (	bil. dol.)		AVERAG	E EXPENDIT	URE PER H	OUSEHOLD	(dollars
CHARACTERISTIC	All		End	uee		All		End	UBB	
	and uses	Space heating	Cool- ing	Water heating	Other <sup>1</sup>	and uses	Space heating	Cool- ing	Water heating	Other
Total households	97.0	. 30.9	7.5	14,7	37.8	1,123	427	97	171	43
Type:										
Type: Single-family detached Single-family detached	67.1	24.7	5.1	10.2	27.1	1,255	462	96	191	50
	9.11	2.2	.4	.7	1.9	1,256	531	95	174	40 35
2 to 4 unit building	9.5	4.2	.4	1.3	3.5	960	424	40	134	36
5 or more unit building	10.3	4.0	1.3	1.6	3.5	761	298	94	115	25 36
Mobile home	4.9	1.7	.3	.9	1.9	947	339	64	177	36
feer constructed:	1				i	1		1		
1939 or earlier	30.5	14.3	1.1	4.1	11.1	1,212	566	44	162	44
1940 to 1949	7.7	3.0	.5	1.2	2.9	1,092	431	78	187	41
1950 to 1959	14.1	5.1	1.1	2.2	5.8	1.120	403	85	174	45
1980 to 1964	8.2	2.6	.8	1.3	3.4	1.098	355	113	171	4
1965 to 1969	9.3	2.9	1.0	1.4	3.9	1,126	358	126	170	4
1970 to 1974	11.5	3.9	1.3	1.9	4.4	1,079	388	121	178	41
1975 or leter	15.7	5.0	1.6	2.7	6.3	1.035	331	109	179	41
964 family income:						.,		,,,,	'''	1
Less than \$5,000	7.0	3.1	.3	1.1	2.5	891	392	43	138	31
\$5,000-\$9,999	13.5	5.9	.7	2.0	4.8	964	426	52	141	3
\$10,000-\$14,989	12.6	4.8	1.0	2.0	4.8	965	388	76	155	31
\$15,000-\$19,999	9.4	3.6	7	1.5	3.6	1.043	401	72	171	l ă
\$20,000-\$24,609	9.0	3.5	.6	14	3.5	1,080	422	74	105	1 4
\$25,000-\$34,969	18.2	6.6	1.6	2.8	7.3	1.100	426	102	190	4
\$36,000-849,999	14.5	5.0	1.3	2.2	6.0	1.300	474	118	211	Š
\$50,000 or more		43	1.4	1.7	5.2	1.500	536	173	215	

Represents zero. NA Not applicable. 

<sup>1</sup> Appliance usage.

Dis: U.S. Energy Information Administration, Residential Energy Consumption Survey: Consumption and Expanditures, April 1995.

B Base figure too small to meet statistical standards for reliability of derived figure.

¹ Includes households using liquid petroleum gas, not shown separately.

¹ Includes kerosene.

Source: U.S. Energy Information Administration, Residential Energy Consumption Survey: Consumption and Expenditures, April 1984 through March 1985.

### No. 916. COMMERCIAL BUILDINGS—ENERGY CONSUMPTION AND EXPENDITURES, BY MAJOR FUEL TYPE USED: 1963

[Covers buildings using one or more major fuel. Excludes industrial buildings. Excludes Alaska and Hawaii. Based on a sample survey of building representatives conducted between March and August 1983; therefore subject to sampling variability. For characteristics of commercial buildings, see also tables 1237–1239. Quad. = quadrillon]

ITEM	Unit	All major fuels	Elec- tricity	Netu- ral gas	Fuel oil	Pro- p <b>ene</b>	Pur- chased steam
Number of buildings using the fuel	Million	51,280	3,784 51,148 13.6	2,239 36,096 16.1	538 10,205 19.0	250 2,721 10.9	59 4,538 77.5
Energy consumed, total.  Energy consumed per building.  Energy consumed per employee  Energy consumed per employee.	1,000 Btu	1,394 100	2.237 594 44 29	2.227 994 62 42	.354 869 35 22	.038 150 14 9	.294 5,028 85 36
Expenditures, total	\$1,000 Dollers	15.7 1.16	41,554 11.0 .81 18.56	12,284 5.5 .34 5.52	2,390 4.4 .23 6.89	362 1.4 .13 9.38	2,663 45.8 .59 9.12

Source: U.S. Energy Information Administration, Nonresidential Buildings Energy Consumption Survey: Consumption and Expanditures, 1983.

#### NO. 917. COMMERCIAL BUILDINGS—ENERGY CONSUMPTION AND EXPENDITURES: 1983

[Covers buildings using one or more major fuel. Excludes industrial buildings. Excludes Alaska and Hawaii. Based on a sample survey of building representatives conducted between March and August 1983; therefore subject to sampling variability. For characteristics of commercial buildings, see tables 1237-1239]

	USING	ILDINGS 3 ANY R FUEL		ONSUMPTIC adrillion B			PENDITURE (mil. dol.)	:8
BUILDING CHARACTERISTIC	Num- ber (1,000)	Square feet (mil.)	Major fuel, total <sup>1</sup>	Elec- tricity	Natural gas	Major fuel, total <sup>1</sup>	Elec- tricity	Natura gas
All buildings	3,774	51,200	5.150	2.237	2.227	58,242	41,554	12,29
Year constructed		'	1					
1900 or before		2,884	.194	.051	.097	2,149	1,269	583
1901 to 1920	369	5,228	.354	.112	.170	3,918	2,409	95
1921 to 1945	685	8,269	.848	.295	.384	9,355	5,874	2,18
1946 to 1990	863	9,434	.938	.362	.424	10,408	6,909	2,30
1961 to 1970	700	9,873	1.099	.496	.464	12,713	9,041	2,49
1971 to 1973	207	3,411	.366	.199	.136	4,742	3,736	76
1974 to 1979	517	6,550	.861	.423	.379	10,004	7,472	2,11
1990 to 1963	135	5,631	.491	.298	.172	5,954	4,904	88
Principal activity within building:			l i			I 1		٠
Assembly		5,475	.377	.121	.197	4,147	2,553	1,09
Educational	177	6,044	.464	.155	.246	4,843	2,989	1,31
Food sales/services		2,050	.437	.222	.193	5,510	4,176	1,13
Health care		2,277	.465	.147	.219	4,385	2,487	1,11
Lodging	108	2,241	.365	.151	.171	3,932	2,714	87
Mercantile/services		10,347	.838	.434	.337	10,338	7,836	1,96
Office	575	8,444	1.039	.521	.371	13,097	9,866	2,03
Residential	235	2,442	.179	.042	.095	1,856	970	59
Warehouse		6,700	.506	.208	.248	5,530	3,786	1,35
Other		2,738	.276	.151	.076	3,377	2,584	40
Vacant	180	2,522	.184	.086	.073	2,226	1,634	36
Region:	1	1 .					l	١
Northeest		11,413	.954	.345	.314	13,580	9,031	2,14
Midwest		15,718	1.922	.697	1.044	18,991	12,110	5,54
South		16,663	1.583	.649	.550	19,218	15,121	2,83
_ West	549	7,467	.710	.348	.319	7,454	5,292	1,76
Square footage:							l	
5,000 or less		4,680	.871	.332	.474	10,016	6,821	2,86
5,001 to 10,000		5,063	.562	.217	.285	6,323	4,168	1,66
10,001 to 25,000		8,795	.727	.321	.301	8,872	6,299	1,73
25,001 to 50,000		7,470	.695	.305	.317	8,142	5,840	1.30
50,001 to 100,000	104	6,963	.616	.291	.239	6,956	5,035	
100,001 to 200,000		6,613	.589	.251	.237	6,468	4,444 8,946	1,23
Over 200,000	. 29	11,675	1.090	.520	.372	12,464	0,940	וש,ו ן

<sup>1</sup> Includes fuel oil, propane, and purchased steam, not shown separately.

Source: U.S. Energy Information Administration, Nonresidential Buildings Energy Consumption Survey: Consumption and Expanditures, 1983.

542 Energy

### No. 918. Manufacturing Energy Consumption for Heat and Power, by Type of Fuel and Industry Group: 1985

(in trillions of littu. Based on the Manufacturing Energy Consumption Survey; therefore subject to sampling variability)

SIC 1	INDUSTRY	Total con- sumption	Net elec- tricity <sup>2</sup>	Fuel oil *	Natural gas	Coel and coke	Other
(x)	Total	13,747.9	2,206.5	706.2	4,617.7	1,990.3	4,150.2
20 21 22 23 24	Food and kindred Tobacco products Textile mili products Apparel and other textile products Lumber and wood products	19.8 248.1 32.4	165.8 4.6 88.1 15.3 55.1	65.1 2.3 21.3 2.9 23.4	458.9 3.4 91.2 12.5 31.4	131.7 9.4 38.0 1.4 (D)	132.9 .1 9.7 .4 (D)
25 26 27 28 29	Furniture and fixtures	2,355.6 98.6 2,480.5	15.2 183.6 52.5 445.2 120.3	2.7 168.9 2.4 100.3 134.9	19.6 379.7 40.6 1,160.9 690.7	2.1 322.5 (D) 336.4 7.3	9.1 1,302.9 (D) 397.7 1,472.9
30 31 32 33 34	Rubber and misc. plastic products. Leather and leather products. Stone, clay and glass products. Primary metal industries. Fabricated metal products.	927.8 2,362.2	90.7 4.3 116.3 458.7 91.2	15.2 3.3 33.1 53.2 16.7	102.0 4.5 397.0 889.2 171.8	8.1 .9 349.0 660.6 8.7	4.8 .4 32.3 520.5 8.0
35 36 37 38 39	Machinery, except electrical. Electric and electronic equipment. Transportation equipment electronic equipment. Instrument electronic products. Miscellaneous manufacturing	223.7 322.2	114.2 110.1 115.0 29.2 11.4	14.6 10.4 25.7 8.1 2.6	113.7 91.4 120.7 23.6 15.4	30.6 8.6 43.8 (D) 1.3	4.5 3.3 17.0 (D)

D Figure withheld to avoid disclosure. X Not applicable. 

<sup>1</sup> Standard Industrial Classification; see text, section 13.

<sup>2</sup> Not electricity is obtained by aggregating purchases, transfers in, and generation from noncombustible renewable resources minus quantities sold and transferred out.

<sup>3</sup> Includes distillate and residual.

Source: U.S. Energy Information Administration, Monthly Energy Review, January 1987.

#### No. 919. FOSSIL FUEL PRICES IN CURRENT AND CONSTANT (1982) DOLLARS: 1980 TO 1986

(in cents per million British thermal units (Btu), except as indicated, All fuel prices taken as close to the point of production as possible. See text, section 19, for explanation of Btu conversions from mineral fuels. Minus sign (—) indicates decrease)

	-	CURR	ENT DO	LLARS			CONSTAN	T (1982)	DOLLARS	S	GNP s
YEAR OR PERIOD	Composite 1	Crude	Nat- ural gas	Bitumi- nous coal <sup>2</sup>	Anthra- cite coal	Com- posite i	Crude oil	Nat- ural gas	Bitumi- nous coal <sup>2</sup>	Anthra- cite coal	deflator: (1982 - 100)
1960	28.3	49.7	12.6	18.8	33.8	91.6	160.8	40.8	60.8	109.4	30.9
1965	27.7	49.3	14.5	17.9	36.3	82.0	145.9	42.9	53.0	107.4	33.6
1970	31.7	54.8	15.4	26.2	48.8	75.5	130.5	36.7	62.4	116.2	42.0
1973	39.8	67.1	20.1	36.5	61.7	80.4	135.6	40.6	73.7	124.6	49.5
1974	67.6	118.4	27.3	68.2	102.2	125.2	219.3	50.6	126.3	189.3	54.0
1975	82.5	132.2	41.1	83.9	149.5	139.1	222.9	69.3	141.5	252.1	59.3
1976	90.2	141.2	53.1	85.0	153.9	142.9	223.8	84.2	134.7	243.9	63.1
1977		147.8	72.3	87.7	153.8	149.8	219.6	107.4	130.3	228.5	67.3
1978		155.2	83.6	97.9	152.7	154.6	215.0	115.8	135.6	211.5	72.2
1979	141.7	217.9	108.1	105.3	177.2	180.3	277.2	137.5	134.0	225.4	78.6
1980	204.2	372.2	144.B	109.4	185.9	238.3	434.3	169.0	127.7	216.9	85.7
1981	274.5	547.8	179.5	117.9	190.1	292.0	582.8	191.0	125.4	202.2	94.0
1982		491.7	222.2	122.1	214.0	275.8	491.7	222.2	122.1	214.0	100.0
1983	270.1	451.6	232.3	117.2	230.0	260.0	434.6	223.6	112.8	221.4	103.9
1984	264.6	446.2	239.9	115.9	208.7	244.8	412.8	221.9	107.2	193.1	107.9
1985	251.2	415.3	225.5	114.8	204.2	225.3	372.5	202.2	103.0	183.1	111.5
1986, prel	165.1	218.3	168.0	111.7	200.6	144.3	190.8	146.9	97.6	175.3	114.4
Percent change:	-		1.74	100	100	-	- 14		150	7.14	1
1960-70	12.0	10.3	22.2	39.4	44.4	-17.6	-18.8	-10.0	2.6	6.2	35.9
1970-73	25.6	22.4	30.5	39.3	26.4	6.5	3.9	10.6	18.1	7.2	17.9
1973-75	107.3	97.0	104.5	129.9	142.3	73.0	64.4	70.7	92.0	102.3	19.6
1975-79	71.8	64.8	163.0	25.5	18.5	29.6	24.4	98.4	-5.3	-10.6	32.5
1979-80	44.1	70.8	34.0	3.9	4.9	32.2	56.7	22.9	-4.7	-3.8	9.0
1980-81	34.4	47.2	24.0	7.8	2.3	22.5	34.2	13.0	-1.8	-6.8	9.7
1981-82	.5	-10.2	23.8	3.6	12.6	-5.5	-15.6	16.3	-2.6	5.8	6.4
1982-83	-2.1	-8.2	4.5	-4.0	7.5	-5.7	-11.6	.6	-7.6	3.5	3.6
1983-84	-2.0	-1.2	3.3	-1.1	-9.3	-5.8	-5.0	8	-5.0	-12.8	3.9
1984-85	-5.1	-6.9	-6.0	-1.0	-2.2	-8.0	-9.8	-8.9	-3.9	-5.2	3.3
1985-86	-34.3	-47.4	-25.5	-2.7	-1.8	-36.0	-48.8	-27.4	-5.2	-4.3	2.6

Weighted by relative importance of individual fuels in total fuels production.
 Includes lighte.
 \*GNP=Gross national product; see text, section 15.

Source: U.S. Energy Information Administration, Annual Energy Review.

No. 920. WORLD ENERGY CONSUMPTION, BY REGION AND ENERGY SOURCE: 1960 TO 1965

[In tone of coal equivalent. Metric ton=1.1023 short tons. Kliogram=2.205 pounds. See text, section 31 for general comments about the data]

REGION AND	œ	NSUMPTH	00 (mil. r	metric to	ns)	PE	R CAPITA	(kilogran	ne)	PE	RCENT DI	STRIBUTI	ON
ENERGY SOURCE	1989	1970	1985	1824	1906	1989	1970	1989	1905	1989	1970	1905	1905
World total	3,884	6,440	8,544	8,600	8,130	1,302	1,745	1,019	1,583	100.0	100.0	100.0	100.0
North America 1 United States	1,454	2,502 2,217	2,796 2,364	2,690 2,262	2,712 2,276	5,951 8,047	7,825 10,811	7,490 10,398	6,768 9,583	40.7 37.1	38.9 34.4	32.7 27.7	29.7 24.9
South America Europe Aeia	514	143 1,720 903	251 2,145 1,579	255 2,094 1,858	259 2,146 1,946	535 2,443 276	749 3,745 388	1,048 4,433 607	967 4,394 887	2.0 26.5 13.1	2.2 26.7 14.0	2.9 25.1 18.5	23.5 23.5 21.5
Jepen Soviet Union Oceania	96 595 41	333 999 71	435 1,473 105	450 1,645 112	1,706 119	1,025 2,777 2,597	3,246 4,132 3,675	3,728 5,549 4,572	3,715 6,131 4,816	2.4 15.2 1.0	5.2 15.5 1.1	5.1 17.2 1.2	4.9 18.7 1.5
Energy source: Solid fuels Liquid fuels		2,159 2,635	2,632 3,778	2,883 3,623	3,040 3,806	644 433	588 770	591 646	629 748	49.4 33.3	33.5 44.0	30.8 44.2	33.3 39.5
Netural gas Electricity	593 84	1,292 154	1,834 301	1,990 393	2,057 427	197 28	351 42	412 68	425 88	15.1 2.1	20.1 2.4	21.5 3.5	22.5 4.7

<sup>&</sup>lt;sup>1</sup> Includes Central America.

Source: Statistical Office of the United Nations, New York, NY, Energy Statistics Yearbook, annual. (Copyright.)

No. 921. WORLD PRIMARY ENERGY PRODUCTION, BY REGION AND TYPE: 1973 TO 1985 [In quadrillion Bits. Bits.—British thermal units. For Bits conversion factors, see source]

REGION AND TYPE	1873	1975	1978	1977	1970	1979	1985	1931	1982	1982	1984	1986. prel.
World total	244.8	245.0	260.2	267.8	273.0	267.3	205.4	200.6	278.5	200.7	292.9	361.
North America	73.3	71.1	71.3	72.4	74.0	76.2	60.6	81.0	81.4	79.2	64.6	64.
United States	62.0	59.8	59.8	60.1	61.0	63.7	64.7	64.3	63.8	61.1	65.6	64.
Central and South America	12.9	10.6	10.7	10.9	11.2	12.2	12.1	12.0	11.9	12.0	12.7	13.
Western Europe	19.6	21.4	22.4	24.0	24.8	27.4	28.7	29.9	30.8	32.1	32.6	34.
Eastern Europe and Soviet												
Union	51.4	55.9	58.9	61.6	64.0	66.1	67.7	68.2	70.4	72.3	74.0	78.
Middle East	46.6	43.5	49.2	49.8	47.2	48.5	41.8	36.6	29.5	27.2	27.1	24.
Africa	14.8	13.3	15.4	16.4	16.5	18.1	17.2	14.9	15.0	15.8	16.6	17.
Far East and Oceania	26.2	29.3	31.4	32.8	35.3	36.7	37.3	38.1	39.4	42.1	45.2	48.
Crude oil	117.8	111.6	121.3	128.0	126.3	131.6	125.5	117.5	111.7	111.3	114.1	113
Natural gas		43.9	45.7	48.9	48.2	51.6	52.9	54.3	53.7	53.9	57.7	60.
Natural gas liquids	4.2	4.4	4.5	4.7	4.6	5.2	5.5	5.9	5.9	6.0	6.5	6.
Coel	63.8	66.3	68.1	69.3	70.4	74.6	75.6	78.0	78.9	79.1	62.1	86.
Hydroelectric power	13.5	15.0	15.1	15.5	16.7	17.6	18.2	18.4	18.9	19.8	20.2	20.
Nuclear	2.2	3.9	4.5	5.4	6.5	6.7	7.5	8.6	9.4	10.6	12.3	14.

Source: U.S. Energy Information Administration, International Energy Annual.

No. 922. DAILY INTERNATIONAL FLOW OF CRUDE OIL, BY AREA: 1984 [In thousands of berrels per day]

					ı	MPORTING A	REA			
		No:		Cen- tral		stern rope		Middle		Other
EXPORTING AREA	Total	U.S.	Can- ada	and South Amer- ica	Atlentic Ocean, North See	Mediter- ranean See	East- ern Europe	East and Africa	Jepen	East and Oce- ania
World total	23,560	3,426	231	2,306	4,926	3,403	2,340	1,000	3,501	2,778
North America	2,046 181	1,000 (x)	61 16	388 1 135	341	34	=	50	152	41 30
Central and South America	2,208 2,556 9,099	392 493 - 459 671 411	70 36 - 13 51	553 31 140 457 315 223	173 1,577 806 942 1,262 25	32 49 328 1,604 1,142	1,369 476 201 2	3 20 17 672 307	16 - 1 2,514 16 892	95 1,782 104 716

<sup>-</sup> Represents zero. X Not applicable. 1 Includes shipments to Puerto Rico and Virgin Islands.

Source: U.S. Energy Information Administration, International Energy Annual.

544 **Energy** 

No. 923, U.S. FOREIGN TRADE IN SELECTED MINERAL FUELS: 1970 TO 1986

[Btu=British thermal units. For Btu conversion factors, see text, section 19. Minus sign (-) indicates an excess of imports over exports. See also Historical Statistics, Colonial Times to 1970, series M 100, 101, 127, 128, 140, 141, 178, and 181]

			NATUE	IAL GAS					CRU	DE OIL		
YEAR	Impo	rts	Expo	rts	Net tr	ade	Impo	orts 1	Exp	orts	Net t	rade
450	Bil. cu. ft.	Tril. Btu	Bil. cu. ft.	Tril. Btu	Bit. cu. ft.	Tril. Blu	Mil. bbl.	Tril. Btu	Mil. bbl.	Tril. Btu	Mil. bbl.	Tril. Btu
1970 1972 1973	1,019.5	846 1,047 1,060 985	69.8 78.0 77.2 76.8	72 80 79 78	-751.0 -941.5 -955.7 -882.5	-774 -967 -981 -907	483 811 1,184 1,269	2,814 4,712 6,887 7,395	5 (z)	29 1 4 6	-478 -811 -1,183 -1,268	-2,785 -4,710 -6,883 -7,386
1975 1976 1977 1978	963.8	978 968 1,037 995	72.7 64.7 55.6 52.5	74 66 56 53	-880.3 -899.1 -955.4 -913.0	-904 -922 -981 -941	1,498 1,935 2,414 2,320	8,721 11,239 14,027 13,460	2 3 18 58	12 17 106 335	-1,496 -1,932 -2,396 -2,262	-8,709 -11,221 -13,921 -13,125
1979 1980 1981 1982	984.8	1,300 1,006 917 950	55.7 48.7 59.4 51.7	56 49 60 52	-1,197.7 -936.0 -844.6 -881.6	-1,243 -957 -857 -898	2,380 1,926 1,605 1,273	13,825 11,195 9,336 7,418	86 105 83 86	497 609 482 500	-2,294 -1,821 -1,522 -1,187	- 13,328 - 10,588 - 8,854 - 6,918
1983 1984 1985 1986	843.1 949.4	942 847 951 756	54.6 54.8 57.1 55.0	55 55 58 56	-865.1 -788.3 -892.3 -699.0	-887 -792 -893 -700	1,215 1,254 1,168 1,525	7,079 7,302 6,814 8,892	66 75 56	348 384 432 326	-1,155 -1,188 -1,093 -1,469	-6,73 -6,91 -6,38 -8,56
			0	OAL				PE	TROLEU	M PROD	UCTS	
	Impo	orts	Expo	rts	Net tr	ade	Imp	oorts	Ехр	orts	Net I	rade
	1,000 sh. tons	Tril. Btu	1,000 sh. tons	Tril. Btu	1,000 sh. tons	Tril. Btu	Mil, bbl.	Tril. Btu	Mil. bbl.	Tril. Btu	Mil. bbi.	Tril. Btu
1970 1972 1973	127	1 1 3 52	71,733 56,740 53,587 60,661	1,936 1,531 1,425 1,620	71,697 56,693 53,460 58,581	1,935 1,530 1,422 1,568	765 924 1,099 962	4,656 5,587 6,578 5,731	89 81 84 79	520 467 482 458	-676 -843 -1,015 -883	-4,136 -5,126 -6,097 -5,273
1975	1.203	24 30	66,309 60,021	1,761	65,369 58,818 52,665	1,738 1,567 1,401	712 741 800	4,227 4,434 4,728	74 79 70	427 452 408	-638 -662 -730	-3,800 -3,983 -4,32
1977	1.647	41 74	54,312 40,714	1,442	37,761	1,004	733	4,364	74	432	-659	-3,93
1976 1977 1978 1979 1980 1961 1962	1,647 2,953 2,059 1,194 1,043		54,312 40,714 66,042 91,742 112,541 106,277	1,753 2,421 2,944 2,787		1,004 1,702 2,391 2,918 2,768	733 707 603 584 593	4,364 4,108 3,463 3,303 3,359	94 134 211	505 551 781 1,224	-659 -621 -509 -450 -382	-3,936 -3,600 -2,913 -2,523 -2,130

Z Less than 500,000. <sup>1</sup> Beginning 1977, includes strategic petroleum reserve imports. Source: U.S. Energy Information Administration, Annual Energy Review.

No. 924. CRUDE OIL IMPORTS INTO U.S., BY COUNTRY OF ORIGIN: 1970 TO 1986

COUNTRY OF ORIGIN					IMP	ORTS (	mil. 42	gal. bi	bis.)	_		_			TRIBUT	
COUNTRY OF ORIGIN	1970	1973	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1970	1980	1986
Total	483	1,184	1,498	2,414	2,320	2,380	1,926	1,605	1,273	1,215	1,254	1,168	1,525	100.0	100.0	100.0
Canada	245	365	219	102	90	99	73	60	78	100	125	171	208	50.7	3.8	13.6
Mexico	-	(z)	26	65	115		186	171	235	280	241	261	227	-	9.6	14.9
Norway		1 2	5	18	38	28	53	42	37	24	41	11	19	- 50	2.7	1.2
Trinidad-Tobago	(Z)	22	42	49	52	45	42	37	34	30	32	36	34	(Z)	2.2	2.2
United Kingdom	-		-	36	62	72	63	135	161	133	138	102	116		3.3	7.8
OPEC	222	767	1,171	2,058	1,892		1,414	1,067	633	540	553	479	771	46.0	73.4	50.6
Algeria	2	44	96	198	231	222	167	95	33	64	71	31	28	.4	8.7	1.8
Ecuador	-	17	21	20	14	11	6	14	12	21	17	20	23	-	.3	1.5
Gabon	-	-	10	13	14		9	13	14	21	21	19	9		.5	
Indonesia	26	73	138	185	195		115	116		115	111	107	108	5.4	6.0	7.1
Iran	12	79	102	193	202		3	-	13	18	4	10	7	2.5	.2	1 3
Iraq	-	2	(Z)	27	23	32	10	-	1	4	5	17	29	-	.5	1.5
Kuwait	12	15	1	15	2		10		1	3	9	1	10	2.5	.5	1 3
Libya	17	49	81	257	233	234	200	116		-	-	-	-	3.5	10.4	
Nigeria	17	164	272	412		390	308	223	186	110	76	102	160	3.5	16.0	10.5
Qatar	1.7	3	7	24	23	11	8	3	3	-	1	-	4	-	.4	1 3
Saudi Arabia	15	169	256	501	417	492	458	406	194	117	113	48	226	3.1	23.8	14.8
United Arab Emirates		26	43	122	141	103	63	28	30	7	33	13	14	4.8	3.3	1 .8
Venezuela		126	144	91	66	107	57	54	56	60	93	112	152	20.3	3.0	10.0
Other	16	30	35	86	71	110	95	93	95	108	124	109	150	3.3	4.9	9.8

<sup>-</sup> Represents zero. Z Less than 500,000 or less than .05 percent.

Source: 1970-1975, U.S. Bureau of Mines, Minerale Yearbook and Mineral Industry Surveys; 1977-1980, U.S. Energy Information, Petroleum Statement, annual; thereafter, U.S. Energy Information Administration, Petroleum Supply Ans

## No. 925. CRUDE OIL AND REFINED PRODUCTS SUMMARY: 1973 TO 1987 [Berrels of 42 gallons. Data are averages]

			bbl. per d	ay)		REFINED (1,000	OIL PRO	day)	Total	STO	CKS a
YEAR AND MONTH		Do-	Impo	orts					ports 2	(init	JUI.,
TEAR ARU MONTH	Input to refiner- ies	mestic pro- duction	Total 1	Stra- tegic re- serve	Ex- ports	Do- mestic de- mand	im- ports	Ex- ports	(1,000 bbl. per day)	Total	Stra- tegic re- serve
1973	12,431	9,208	3,244	(x)	2	17,308	3,012	229	6,256	242	(x)
1974	12,133	8,774	3,477	(x)	3	16.653	2.635	218	6,112	265	(x)
1975		8,375	4,105	(x)	6	16,322	1,951	204	6,056	271	(X)
1976	13,416	8,132	5.287	(x)	8	17,461	2.026	215	7.313	285	(x)
1977	14.602	8.245	6,615	(X)	50	18,431	2.193	193	8.807	348	1 7
1978	14,739	8,707	6,356	162	158	18,847	2,008	204	8,363	376	67
1979	14,648	8,552	6,519	67	235	18,513	1,937	236	8,456	430	91
1980	13,481	8,597	5.263	44	287	17.056	1.646	258	6,909	466	108
1981	12,470	8,572	4.396	256	228	16,058	1,599	367	5.996	594	230
1982	11,774	8,649	3,488	165	236	15,296	1,625	579	5,113	644	294
1983	11,685	8,688	3,329	234	164	15,231	1,722	575	5,051	723	379
1984	12,044	8,879	3,426	197	181	15,726	2,011	541	5,437	796	451
1985	12,002	8,971	3,201	118	204	15,726	1,866	577	5,067	814	493
1986	12,716	8,680	4,178	48	154	16,281	2,045	631	6.224	843	512
1st qtr	11,981	9,108	3,143	45	178	16,183	1,845	645	4,987	838	497
2d qtr	13,017	8,775	4,190	54	144	15,996	2,039	594	6.229	828	502
3d qtr	13,100	8,454	4,872	50	153	16,278	2,195	603	7.067	844	506
4th qtr	12,748	8,394	4,482	43	142	16,651	2.091	682	6,573	843	512
1987 4	12,543	8.364	4,202	73	(NA)	16,287	1.821	(NA)	6.022	853	527
1st qtr	12,317	8.381	4,008	77	187	16,356	1,876	662	5.884	853	520
2d qtr	12,767	8.345	4,392	67	(NA)	16,233	1,769	(NA)	6,161	853	527

NA Not available. X Not applicable. I includes Strategic Petroleum Reserve.

2 Crude oil (including Strategic Petroleum Reserve.

3 Crude oil (including Strategic Petroleum Reserve.

4 Pretiminary.

5 ourse: U.S. Energy Information Administration, *Monthly Energy Review*, April 1967.

### No. 925. Energy Producing Companies—Selected Financial and Investment Indicators, 1978 to 1985

[Based on data from major publicly-owned domestic crude oil producing companies which either had at least one percent of domestic production or reserves of oil, natural gas, coal, or uranium, or at least one percent of refining capacity or petroleum product seles. There were 26 companies during 1978 through 1982; 25 in 1983; and 22 during 1984 and 1985]

ITEM	1978	1978	1905	1931	1902	1902	1824	1905
Operating revenues	265.0 29.8 30.2 13.9	392.6 345.8 48.8 48.6 23.5 45.4	518.8 455.9 62.7 66.9 31.0 59.0	575.7 520.8 54.8 60.0 30.0 61.6	549.7 504.2 45.5 45.2 21.8 60.4	511.0 462.8 48.2 47.4 21.9 60.7	517.4 467.3 50.1 47.6 21.3 63.6	492.5 444.2 48.3 43.6 17.4 63.5
BALANCE SHEET (bil. dol.) Not properly, plant, and equipment Not investment in place <sup>2</sup> Total assets.	136.1 148.1 237.1	159.3 189.9 282.8	186.9 202.6 333.0	224.9 240.8 372.5	265.5 282.5 411.9	278.4 296.3 421.8	292.4 309.1 442.9	297.7 315.4 438.4
RATIOS (percent)  Net income to operating revenues	12.8 35.6	6.0 8.3 18.8 33.7 14.9	6.0 9.3 21.1 31.5 13.9	5.2 8.0 16.1 32.2 14.3	4.0 5.3 11.9 37.1 16.6	4.3 5.2 11.4 34.8 15.9	4.1 5.0 12.1 49.5 20.6	3.5 4.0 10.5 54.3 20.5

<sup>&</sup>lt;sup>1</sup> The sum of net income, depreciation, depletion and amortization, deferred taxes, dry hole expenses, etc. <sup>2</sup> Composed of net property, plant and equipment plus investment and advances to unconsolidated subsidiaries. <sup>3</sup> Long-term debt includes amounts applicable to capitalized leases.

Source: U.S. Energy Information Administration, Performance Profiles of Major Energy Producers, annual, and unpublished data.

No. 927. PETROLEUM AND COAL PRODUCTS—SALES, NET PROFIT, AND PROFIT PER DOLLAR OF SALES: 1975 TO 1986

[Represents SIC group 29. Profit rates are ave	races of quarterly figures at annual rates)
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it 1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ol 121.8	141.3	162.3	180.3	242.7	333.2	376.1	357.1	3127	338.4	320.9	226.5
			19.2	32.2	39.1	35.3	27.8	27.1	24.5	17.7	9.6
			7.7	9.5	11.6	13.7	16.3	17.5	20.7	22.1	21.9
		11.0 7.5	10.6	13.3	11.7	9.4 6.3	7.8 5.5	8.7 6.2	7.2 5.1	5.5 4.0	3.8
		19.9	19.8	30.0	30.7	25.6	18.7	17.8		11.7	6.8
10 10 10 10 10 10 10 10 10 10 10 10 10 1	dol 13.3 dol 9.3 tol 5.6 s 10.9 s 7.6 ent 17.9	dol 13.3 16.9 9.3 11.7 101 5.6 5.9 10.9 12.0 7.6 8.3 ent 17.9 20.3	dol 13.3 16.9 17.8 100 9.3 11.7 12.2 101 5.6 5.9 6.6 10.9 12.0 11.0 11.0 11.0 17.6 8.3 7.5 17.9 20.3 19.9	dol	dol     13.3     16.9     17.8     19.2     32.2       fol     9.3     11.7     12.2     12.8     21.9       fol     5.6     5.9     6.6     7.7     9.5       s     7.6     8.3     7.5     7.1     9.0       ent     17.9     20.3     19.9     19.8     30.0	dol     13.3     16.9     17.8     19.2     32.2     39.1       iol     9.3     11.7     12.2     12.8     21.9     25.5       iol     5.6     5.9     6.6     7.7     9.5     11.6       s     10.9     12.0     11.0     10.6     13.3     11.7       s     7.6     8.3     7.5     7.1     9.0     7.7       ent     17.9     20.3     19.9     19.8     30.0     30.7	loi 13.3 16.9 17.8 19.2 32.2 39.1 35.3 loi 9.3 11.7 12.2 12.8 21.9 25.5 23.7 loi 5.6 5.9 6.6 7.7 9.5 11.6 13.7 s 10.9 12.0 11.0 10.6 13.3 11.7 9.4 s 7.6 8.3 7.5 7.1 9.0 7.7 6.3 ent 17.9 20.3 19.9 19.8 30.0 30.7 25.6	301	101	101	60     13.3     16.9     17.8     19.2     32.2     39.1     35.3     27.8     27.1     24.5     17.7       100     9.3     11.7     12.2     12.8     21.9     25.5     23.7     19.7     19.3     17.2     12.7       100     5.6     5.9     6.6     7.7     9.5     11.6     13.7     16.3     17.5     20.7     22.1       8     7.6     8.3     7.5     7.1     9.0     7.7     6.3     5.5     6.2     5.1     4.0       ent     17.9     20.3     19.9     19.8     30.0     30.7     25.6     18.7     17.8     14.3     11.7

<sup>&</sup>lt;sup>1</sup> Excludes estimates for corporations with less than \$250,000 in assets at time of sample selection. Prior periods include estimates for corporations in this size category. <sup>1</sup> includes depletion and accelerated amortization of emergency facilities. Source: Through 1981, U.S. Federal Trade Commission and, beginning 1982, U.S. Bureau of the Census, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations.* 

No. 928. MAJOR PETROLEUM COMPANIES—FINANCIAL DATA SUMMARY: 1973 TO 1986

[Data represent a composite of approximately 41 major worldwide petroleum companies aggregated on a consolidated, total company basis]

ITEM	1973	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
FINANCIAL DATA (bil. dol.)	1	110			15			1				
let income	11.8	11.6	15.1	16.0	32.8	32.9	29.2	21.1	20.6	22.7	19.4	11.0
Depreciation, depletion, etc	10.5	11.3	18.3	19.8	24.9	32.5	34.9	37.2	37.4	45.3	53.0	42.1
ash flow 1	22.3	22.8	33.4	35.8	57.7	65.4	64.1	58.3	58.1	68.0	72.4	53.2
Dividends paid	4.0	4.7	6.3	6.8	8.0	9.3	10.6	10.6	10.5	11.6	12.0	12.2
let internal funds available for investment	100	1	1.7.7	7	10.50				100	100		1111
or debt repayment 3	18.3	18.1	27.1	29.0	49.7	56.1	53.5	47.7	47.6	56.4	60.4	41.0
Capital and exploratory expenditures	16.3	26.9	31.8	37.1	51.1	62.1	79.2	67.8	50.7	57.5	58.3	41.3
ong-term capitalization		121.1	150.1	168.0	196.9	211.4	248.1	243.8	240.0	285.7	272.1	275.8
Long-term debt		28.9	38.4	45.1	48.1	49.8	59.2	62.6	61.0	95.8	93.5	95.2
Preferre_ stock			.9	.9	.9	2.0	2.0	3.5	3.5	5.2	3.3	2.9
Common stock and retained earnings 3	80.0	91.9	110.8	122.0	147.9	159.6	186.9	177.7	175.5	184.7	175.3	177.7
xcess of expenditures over cash		7.10	0,000	1.45			7.0.0	7.77				P
income 4	-2.0	8.9	4.7	8.1	1.4	6.0	25.7	20.1	3.1	1.1	-21	3
	-		1		100		-	-	-		-	1
RATIOS 5 (percent)	1.354		1000		10.0	1					P- C	1.00
.ong-term debt to long-term capitalization	22.0	23.8	25.6	26.8	24.4	23.6	23.8	25.7	25,4	33.5	34.4	34.5
let income to total average capital	12.0	10.0	10.1	9.9	17.8	17.0	10.4	8.6	8.8	8.6	7.0	4.0
let income to average common equity	15.6	13.1	13.9	13.5	24.0	22.5	17.7	11.5	12.0	12.5	10.8	6.2

<sup>&</sup>lt;sup>1</sup> Generally represents internally-generated funds from operations. Sum of net income and nonceath charges such as deprecision, depletion, and amortization.

<sup>2</sup> Cash flow minus dividends paid.

<sup>3</sup> Includes common stock, capital surplus, and exploratory expenditures plus dividends paid minus cash flow <sup>5</sup> Represent approximate year-to-year comparisons because of changes in the makeup of the group due to margers and other corporate changes.

Source: Carl H. Plorzheimer & Co., New York, NY, Comparative Oil Company Statements, 1988-1985, and earlier reports.

#### No. 929. ELECTRIC UTILITY SALES AND AVERAGE PRICES, BY END-USE SECTORS: 1970 TO 1986

[Prior to 1980, covers Class A and B privately-owned electric utilities; thereafter, Class A utilities whose electric operating revenues were \$100 million or more during the previous year]

		SALES (	bil. kWh)			AVERAGE	PRICE OF	ELECTR	ICITY SOL	D (cents	per kWh)	
YEAR	3.0			.5.		Current	dollars		Co	nstant (19	982) dollar	rs *
	Total i	Resi- dential	Com- mercial	Indus- trial	Total 1	Resi- dential	Com- mercial	Indus- trial	Total 1	Resi- dential	Com- mercial	Indus- trial
1970	1,392	466	307	571	1.67	2.22	2.08	1.02	3.98	5.29	4,95	2.43
1971	1,470	500	329	589	1.77	2.32	2.20	1.10	3.99	5.23	4.95	2.48
1972	1,595	539	359	641	1.86	2.42	2.29	1.16	4.00	5.20	4.92	2.49
1973	1,713	579	388	686	1.96	2.54	2.41	1.25	3.96	5.13	4.87	2.53
1974	1,706	578	385	685	2.49	3.10	3.04	1.69	4.61	5.74	5.63	3,13
1975	1,747	588	403	688	2.92	3.51	3.45	2.07	4.92	5.92	5.82	3.0
1976	1,855	606	425	754	3.09	3.73	3,69	2.21	4.90	5.91	5.85	3.70
1977	1,948	645	447	786	3.42	4.05	4.09	2.50	5.08	6.02	6.08	3.7
1978	2,018	674	461	809	3.69	4.31	4.36	2.79	5.11	5.97	6.04	3.8
1979	2,071	683	473	842	3.99	4.64	4.68	3.05	5.08	5.90	5.95	3.8
1980	2,094	717	488	815	4.73	5.36	5.48	3.69	5.52	6.25	6.39	4.3
1981	2,147	722	514	826	5.46	6.20	6.29	4.29	5.81	6.60	6.69	4.56
1982	2,086	730	526	745	6.13	6.86	6.86	4.95	6.13	6.86	6.86	4.95
1983	2,151	751	544	776	6.30	7.18	7.02	4.96	6.06	6.91	6.76	4.77
1984	2,285	780	577	839	6.52	7.54	7.33	5.04	6.03	6.98	6.78	4.66
1985	2,326	794	605	835	6.71	7.79	7.47	5.16	6.02	6.99	6.70	4.63
1986	2,377	826	647	818	6.40	7.41	7.13	4.87	5.59	6.48	6.23	4.26

<sup>&</sup>lt;sup>1</sup> Includes other sectors not shown separately. 
<sup>2</sup> Based on the GNP implicit price deflator; see table 732. Source: U.S. Energy Information Administration, *Annual Energy Review*.

NO. 830. ELECTRIC UTILITY INDUSTRY—ELECTRIC ENERGY PRODUCTION, AND NET SUMMER CAPABILITY BY TYPE OF PRIME MOVER, AND CONSUMPTION OF FUELS; 1960 TO 1986

roduction for calendar years; other data as of December 31, 1980 excludes Aleska and Hewali. See also Historical Statistics,
Colonial Times to 1970, series S 32-52, S 78-82, and S 86-107]

ITEM	Unit	1960	1970	1975	1980	1981	1982	1983	1984	1985	1986
PRODUCTION		MIT							-		
Total	Bil. kWh	756	1,532	1.918	2.286	2.295	2,241	2,310	2,416	2,470	2.489
Average annual change 1	Percent	6.6	7.3	4,6	3.6	.4	-2.3	3.1	4.6	2.2	2,401
summer capability 3	Rate	4,522	4,554	3,903	3,952	3,836	3,652	3,720	3,805	3,771	3,734
ately owned	Bil. kWh	579	1,183	1,487	1,783	1,786	1,712	1,764	1.849	1,918	1,928
ercent of total utilities	Percent		77.2	77.5	78.0	77.8	76.4	76.4	76.5	77.7	77.5
flicly owned	Bil. kWh	175	349	431	503	509	530	546	567	552	559
funicipal	Bil. kWh		71	82	87	81	77	73	75	74	75
ederal	Bil. kWh		186	221	235	232	241	258	254	233	225
coperatives and other	Bil. kWh	26	91	128	182	196	212	215	239	245	255
irce of energy:		1 5.5	100		100		50			(3)	
oal 3	Percent	53.3	46.0	44.6	51.0	52.7	53.4	54.8	55.9	56.8	55.8
luclear	Percent	.1	1.4	9.0	11.0	11.9	12.6	12.7	13.6	15.5	16.6
M	Percent	6.4	12.0	15.1	10.6	9.0	6.5	6.3	5.0	4.0	5.5
ias	Percent	20.9	24.3	15.6	15.1	15.1	13.6	11.9	12.3	11.8	10.0
lydro	Percent	19.3	16.2	15.6	12.1	11.4	13.8	14.4	13.3	11.9	12.1
e of prime mover: 4	7.7.5	1,775	1	1.50		1-6	123		400	12.0	0.5
lydro	Bil. kWh	146	248	300	276	261	309	332	321	281	291
team conventional 5	Bil. kWh	603	1,240	1,414	1,726	1,730	1,628	1,661	1,742	1,778	1,757
as turbine	Bil. kWh	)	16	22	24	22	14	14	15	14	14
team nuclear	Bil. kWh	1	22	173	251	273	283	294	328	384	414
iternal combustion	Bil. kWh	4	6	6	4	3	2	2	2	2	2
NET SUMMER CAPABILITY											
Total *	MIL kW	167	336	491	579	598	614	621	635	655	666
Average annual change 1	Percent	7.9	7.2	7.9	3.4	3.4	2.6	1.2	2.3	3.1	1.7
lro	Mil. KW		64	78	82	82	83	84	85	89	89
am conventional †	Mil. kW	128	248	333	397	411	421	425	431	437	441
turbine	Mil. kW		13	37	43	43	44	43	44	44	44
am nuclear	Mil. kW	(z)	7	37	52	56	60	63	70	80	85
rnal combustion	Mil. kW	3	4	5	5	5	5	5	5	5	5
NUMBER OF PRIME MOVERS						100					
Prime movers, total *	Number	3,435	3,533	3,587	3,575	3,567	3,515	3,486	3,475	3,463	3,461
iro	Number	1,331	1,188	1,146	1,142	1,147	1,168	1,182	1,194	1,216	1,230
am conventional	Number	LADER	1 998	937	934	937	916	910	905	883	878
turbine	Number	1,000	323	497	541	540	541	542	544	541	543
am nuclear	Number	5	16	42	51	53	53	55	55	62	64
rnal combustion	Number	1,044	1,008	965	907	890	837	797	777	761	746
CONSUMPTION OF FUELS								0.1			
Net generation by fuel 9	Bil. kWh	610	1,284	1.618	2,010	2,034	1.932	1,978	2.095	2,189	2,198
Average annual change 1	Percent		7.7	4.7	4.4	1.2	-5.0	2.4	5.9	4.5	-
1	Bil. kWh	403	704	853	1,162	1,203	1,192	1,259	1.342	1.402	1,388
ercent of total	Percent	66.1	54.8	52.7	57.8	59.1	61.7	63.7	64.1	64.0	63.1
roleum	Bil. kWh	48	184	289	246	206	147	144	120	100	137
	Bil. kWh	158	373	300	346	346	305	274	297	292	248
lear	Bil. kWh	1	22	173	251	273	283	294	328	384	414
consumed:					100	5	-			1.8	
otal energy equivalent	Quad. Btu	6.57	13.40	15.19	18.57	18.55	17.49	17,75	18.53	18.79	18.61
oal	Mil. sh. tons		320	406	569	597	594	625	664	694	685
H	Mil. bbl	88	339	506	421	352	251	247	206	174	231
35	Bil cu. ft	1,725	3.932	3,158	3,682	3,640	3,226	2.911	3,111	3.044	2,600

Represents zero. Z Less than 5 million. ¹ Change from prior year shown; for 1980, change from 1985. For tension of everage annual percent change, see Guide to Tabular Presentation. ¹ Net summer capability is the steady hourly put that generating equipment is expected to supply to system load, exclusive of auxiliary power as demonstrated by test at the of summer peak demand. ² includes a reall percentage from wood and waste, geothermal, and pertoleum coke. A prime mover is the engine, turbine, water wheel, or similar machine which drives an electric generator. ² Fosell fuels only, includes wind, solar thermal, and photovoltaic, not shown separately. ¹ includes loael steam, wood, and waste. ² Each ne mover type in combination plants counted separately prior to 1975. ² includes small amounts of wood, waste, wind, ithermal, solar thermal, and photovoltaic,

iguros: 1990-1970, U.S. Federal Power Commission, Electric Power Statistics, and press releases; thereafter, U.S. Energy restion Administration, 1975-1980, Power Production, Fuel Consumption, and Installed Capacity Data—Annual, and unpubed data; thereafter, Electric Power Annual, Annual Energy Review, and unpublished data.

NO. 931. ELECTRIC UTILITY INDUSTRY-CAPABILITY, PEAK LOAD, AND CAPACITY MARGIN: 1970 TO 1986

[Excludes Alaska and Hewaii. Capability represents the maximum kilowatt output with all power sources evallable and with hydraulic equipment under actual water conditions, allowing for maintenance, emergency outages, and system operating requirements. Capacity margin is the difference between capability and peak load]

	CAP	ABILITY AT	THE TIME	OF-		INCIDENT LOAD		CAPACITY	MARGIN	
YEAR	Summi load (1,	or peak 000 kW)	Winte load 1 (1	r peek ,000 kW)			Sum	mer	w	ther
1970	Amount	Change from prior year	Amount	Change from prior year	Sum- mer	Win- ter <sup>1</sup>	Amount (1,000 kW)	Per- cent of cape- billy	Amount (1,000 kW)	Per- cent of cape- billy
1970 1971 1972 1973 1974	353,250 361,700 415,500	26,600 26,350 28,450 33,600 26,900	339,050 365,700 394,050 433,150 467,400	27,600 27,660 27,360 39,100 34,250	274,650 292,100 319,150 343,900 349,250	248,550 261,650 290,950 296,100 302,500	52,250 61,150 62,550 71,900 95,150	16.0 17.3 16.4 17.2 21.4	90,500 105,050 103,100 136,060 164,900	28.7 28.6 28.2 31.9 35.3
1975	498,750 516,000 545,700	34,900 19,450 17,250 29,700 -1,194	492,450 511,000 537,600 561,550 564,525	26,060 18,550 28,600 23,950 -7,025	356,800 370,600 396,350 496,050 398,424	331,100 349,650 360,200 363,100 368,876	122,500 127,650 119,650 136,650 146,082	25.6 25.6 23.2 24.9 26.8	161,360 161,150 177,400 178,460 185,649	32.9 31.5 33.0 31.6 33.6
1980	572,219 586,142 586,449	13,731 13,982 13,923 10,307 7,791	572,196 586,569 596,086 812,453 622,125	17,870 14,374 11,497 14,367 9,673	427,068 428,295 414,809 447,526 451,150	394,567 391,106 373,318 410,779 436,374	131,179 143,924 171,233 148,923 153,090	23.5 25.2 29.2 25.0 25.3	187,628 186,769 224,081 201,674 186,751	32.0 32.2 37.5 32.0 28.0
1985	621,597 627,051	17,357 5,454	636,475 646,721	14,350 10,246	480,503 478,320	423,850 422,867	161,094 150,731	25.3 24.0	212,815 223,864	33.4 34.6

<sup>&</sup>lt;sup>3</sup> Prior to 1973, data was for the month of December, comparable with prior years due to change in data source.

Source: Edison Electric Institute, Washington, DC, Statistical Yearbook of the Electric Utility Industry, annual.

No. 932. ELECTRIC ENERGY—PRODUCTION AND INSTALLED GENERATING CAPACITY, BY STATE: 1980 TO 1986

[Capacity as of Dec. 31. Covers utilities for public use]

DIVISION		RODUCTIO (bil. kWh)		CAPA	NSTALLE CITY (m	il. kW)	DIVISION		RODUCTION (bil. kWh)	•		CITY (m	
AND STATE	1980	1985	1986	1980	1985	1986	AND STATE	1980	1985	1986	1980	1985	1986
U.S	2,286.4	2,469.8	2,487.3	613.5	698.1	707.7	S.A.—Con.				121	100	
		-	-			-	VA	34.3	42.1	42.6	11.7	13.6	13.6
N.E.	78.2	B1.4	87.6	21.1	21.4	22.6	WV	70.8	79.5	77.5	15.2	15.2	15.2
ME	7.9	9.1	10.9	2,4	2.4	2.4	NG	72.1	74.5	76.8	15.6	19.7	19.8
NH	6.0	6.0	6.1	1.6	1.4	1.4	SC	41.9	53.6	56.5	11.7	15.1	16.3
VT	3.8	4.2	3.1	.9	1.1	1.1	GA	63.3	80.9	74.9	16.3	18.7	19.6
MA	34.8	36.3	34.5	9.6	10.0	10.0	FL	95.9	96.4	108.5	29.0	34.2	34.9
RI	1.0	.5	.7	.3	.3	.3	1.7.7.		2272	417.4	2.0	120.2	
CT		25.2	32.2	6.3	6.2	7.4	E.S.C	214.1	221.5	210.9	53.3	61.9	62.2
	1,000	1 22.2		410		1.17	KY	57.1	63.0	66.9	13.6	16.8	16.8
M.A	260.5	261.2	287.7	78.4	82.3	81.6	TN	60.2	66.6	56.5	15.9	18.0	18.3
NY	108.6	111.8	111.3	31.4	32.5	32.3	AL	78.3	72.7	68.6	18.2	20.0	20.0
NJ	29.4	34.4	28.8	12.6	13.4	14.6	MS	18.5	19.2	19.0	5.5	7.1	7.1
PA	122.5	135.0	147.6	34.4	36.4	34.7	was					444	
I Planning	122.0	100.0	141.0	34.4	30.4	34.7	W.S.C	313.1	342.5	351.9	84.7	99.7	101.4
E.N.C	397.0	408.6	414.6	107.9	117.0	118.3	AR	19.7	35.6	35.1	7.2	9.3	
OH	110.2	110.8	111.5	27.4	27.3	28.5	LA	45.7	44.3	52.8	12.9	18.4	18.3
IN	70.6	78.5	77.3	17.1			OK	44.6	44.1	41.1	11.3	13.0	60.2
IN	100.6				21.3	21.5	TX	203,0	218.5	222.9	53,3	59.0	60.2
IL	103.4	103.7	106.9	29.9	32.7	32.5	***		2044	****	35.8	46.3	49.1
MI	74.8	74.5	76.1	22.7	24.1	24.1	MI	158.8	201.6 18.8	203.1	3.2	4.9	4.9
WI	37.8	41.2	42.8	10.7	11.6	11.6	MT	15.5	10.9	12.2	2.0	2.0	2.0
		200.0				100	ID	22.4	35.7	28.8	4.1	5.9	5.9
W.N.C	168.2	185.1	185.1	49.0	57.3	57.3	WY	23.6	28.8	28.3	6.1	7.3	7.3
MN		31.0	28.4	8.8	8.5	8.5	NM	24.7	27.1	23.6	5.0	5.5	5.5
IA	21.8	23.5	24.1	7.3	8.6	8.6	AZ	36.9	48.2	51.2	9.4	12.1	13.7
МО	48.9	57.3	54.2	13.8	16.6	16.6	ÚŤ	12.1	15.4	16.8	2.1	3.0	4.3
ND	15.8	22.1	22.2	3.4	4.6	4.7	NV	14.1	16.7	20.0	3.9	5.6	5.5
SD	8.6	7.8	7.8	2.2	2.5	2.6	TAX sementario	190.1	10.7	20.0	0.0	0.0	-
NE	16.3	15.9	18.8	5.1	6.0	5.9	Pac	278.8	280.1	273.3	71.9	82.6	82.5
KS	25.1	27.5	29.5	8.3	10.5	10.5	WA	92.3	93.1	92.5	23.0	23.7	23.7
	1 -37	100	1	-	1		OR	36.6	48.2	47.8	8.5	10.6	10.6
5.A	417.8	467.9	483.2	111.5	129.7	132.7	CA	140.3	127.8	121.9	37.8	45.1	45.0
DE	6.7	8.5	8.4	1.6	1.9	1.9	AK	3.1	4.3	4.3	1.1	1.7	1.7
MD	32.2	32.3	37.7	9.2	10.4	10.4	H	6.5	6.6	6.9	1.4	1.5	1.5
DC	.7	.1	.2	1.2	.9	.9	7 11 34444	0.0	0.0	-	- 50.0	1	1 "

Source: U.S. Energy Information Administration, 1980, Power Production, Fuel Consumption, and Installed Capacity Data, arount, 1985 and 1986, Electric Power Annual and Inventory of Power Plants in the United States, 1988.

<sup>&</sup>lt;sup>2</sup> Change from 1989. <sup>3</sup> Beginning 1979, data are not entirely

### 33. PRIVATELY AND PUBLICLY OWNED ELECTRIC UTILITY GENERATING PLANTS—NUMBER AND CAPACITY, BY TYPE AND SIZE OF PRIME MOVER: 1970 TO 1986

lty as of Dec. 31. Each prime mover type in combination plants is counted separately. For definition of prime mover, see table 930, footnote 3]

			RIVATEL	Y OWNED	)				PUBLICLY	OWNED		
© SIZE OF PRIME MOVER	Nurr	iber of pr movers	rime		Capacity (mil. kW)		Nun	ber of pr movers	rime		Capacity (mil. kW)	
	1970	1980	1906	1970	1969	1905	1970	1000	1969	1979	1969	1990
I <del></del>	2,037	2,004	1,906	262.8	477.0	524.9	1,406	1,481	1,406	78.2	136.6	164.3
onventionel 100,000 kW 0-600,000 kW 00,000 kW	672 220 299 153	626 134 239 253	585 94 225 266	222.4 8.2 77.1 137.1	361.4 5.6 64.0 291.8	367.0 4.4 60.5 322.1	326 254 58 14	308 195 75 38	293 159 85 49	37.7 6.9 12.3 18.5	63.1 6.2 17.4 39.6	82.0 6.1 21.0 54.9
ucleer 00,000 kW	15 7	43 37	57 54	5.7 4.5	46.0 46.8	66.7 66.1	1	8 7	10 9	.8 .8	8.5 8.5	12.2 12.2
5,000 kW	754 185	732 173	752 178	16.9 15.6	24.2 21.0	28.4 25.1	434 164	410 188	478 200	36.3 35.1	52.1 51.0	56.1 54.7
ne 5,000 kW	265 126	411 261	403 290	14.4 12.1	41.6 39.4	41.3 <b>39</b> .3	58 12	130 65	140 73	1.1 .4	9.1 8.0	10.4 9.4
5,000 kW	331 238 93	262 186 116	201 100 101	1.3 .5 .9	1.8 .4 1.5	1.5 .2 1.3	677 471 206	625 358 267	545 289 256	3.0 1.0 2.0	3.7 .7 3.0	3.9 .0

t U.S. Energy Information Administration, unpublished data.

#### 134. ELECTRIC ENERGY SALES, BY CLASS OF SERVICE, 1970 TO 1986, AND BY STATE, 1986 [In billions of billowetthours]

DIVISION, AND STATE	Total 1	Resi- dential	Com- mercial	Indus- trial	DIVISION AND STATE	Total 1	Resi- dential	Com- mercial	Indus- trial
	1,392.3	466.3	306.7	570.9	South Atlantic	446.6	177.3	121.0	133.6
	1,712.9	579.2	388.3	686.1	Delaware		2.1	1.8	2.8
***************************************	1,747.1	588.1	403.0	687.7	Maryland <sup>2</sup>		17.1	14.1	18.4
	2.071.1	682.8	473.3	841.9	Virginia	62.8	25.2	16.5	14.2
***************************************		717.5	488.2	815.1	West Virginia		7.0	4.5	9.0
*****************					North Carolina		27.7	18.2	26.8
<del>/41140000000000000000000000000000000000</del>	2,147.1	722.3	514.3	825.7	South Carolina		16.1	9.8	22.7
······································	2,086.4	729.5	526.4	744.9	Georgia		24.3	17.2	23.8
	2,151.0	750.9	543.8	776.0	Florida		57.8	38.9	15.9
	2,278.4	777.7	578.3	840.6		7,100			
***************************************	2,309.5	791.0	609.0	824.5	East South Central	199.6	72.8	44.6	77.9
i, total	2,350.7	817.7	641.5	808.3	Kentucky		15.6	8.5	24.1
			2.50	-	Tennessee		27.2	18.2	22.7
pland	91.8	32.8	31.5	25.7	Alabama		18.9	11.0	22.4
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	10.2	3.6	2.2	4.2	Mississippi		11.1	7.0	8.7
ampshire	7.5	3.1	1.6	2.8	Mississippi	21.4		7.0	0.,
nt		1.4	.9	1.6	West South Central	328.4	115.1	83.3	117.6
chusetts	39.9	13.6	15.8	9.6	Arkansas		9.2	5.3	7.1
Island	5.6	2.1	2.1	1.3	Louisiana		19.9	12.5	21.2
told to	24.7	9.1	8.9	6.3	Oklahoma		13.8	9.8	10.4
cticut	24.1	9.1	0.9	0.3	Texas		72.3	55.6	78.8
ttantic	274.5	86.5	89.1	86.2	1,0,00		1	1	6.436
ork		34.1	42.6	28.6	Mountain	135.0	43.1	40.3	45.6
ersey	55.9	18.0	21.8	15.6	Montana	11.6	3.2	2.3	5.9
	102.5	34.3	24.8	42.0	Idaho		5.4	4.4	5.9
ytvania	102.5	34.3	24.0	42.0	Wyoming	10.4	1.8	1.6	6.9
	403.2	125,3	93.7	170.5	Colorado		8.9	11.4	5.9
rth Central				58.3	New Mexico		3.2	3.9	3.7
******************	124.1	35.4	26.3		Arizona		12.6	11.0	8.5
h	60.0	20.6	12.2	26,5	Utah		3.9	3.8	4,3
	101.5	30.9	27.0	36.8	Nevada		4.1	1.8	4.4
an	74.3	23.1	17.9	32.1	1101400	1.00	1.00	1	
nsin	43.4	15.3	10.2	16.9	Pacific	304.7	100.8	94.2	97.1
A 2 3 4 4 5 1		222		200	Washington	74.6	26.6	16.2	29.1
orth Central	166.9	64.0	43.8	54.1	Oregon	34.9	13.4	10.0	11,2
sota	39.1	13.6	6.9	17.8	California		57.6	64.7	53.0
		10.0	5.8	9.7	Alaska		1.3	1.6	.5
ni	48.4	19.7	15.3	12.6	Hawaii	6.9	1.9	1.8	3.2
Dakota	6.7	3.0	1.6	1.5					
Dakota	6.0	2.8	1.2	1.6			[]		
ska	16.2	6.4	4.8	3.8			II .		
5		8.4	8.1	7.0			II .	1	

des other service, not shown separately.

2 Includes District of Columbia.

It U.S. Energy Information Administration, Electric Power Annual, 1985.

550 Energy

No. 935. ELECTRIC UTILITIES—GENERATION, SALES, REVENUE, AND CUSTOMERS: 1970 TO 1986
[Sales and revenue are to and from utilimate customers]

CLASS	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Generation 1	Bil. kWh	1,532	1,918	2,124	2.206	2,247	2,286	2,295	2,241	2,310	2,416	2.470	2.487
Sales 2	Bil. kWh	1,391	1,733	1,951	2,018	2,084	2,126	2,151	2,100	2,160	2.281	2.310	2,361
Residential or domestic	Bil. kWh	448	586	652	679	696	734	730	733	750	783	791	822
Percent of total	Percent	32.2	33.8	33.4	33.7	33.4	34.5	34.0	34.9	34.7	34.3	34.2	34.8
Commercial <sup>a</sup>	Bil. kWh	313	418	469	481	495	524	522	517	546	578	609	623
Industrial 1	Bil. kWh	573	662	757	782	818	794	820	770	783	835	824	818
Revenue 1	Bil. dol	22.1	46.9	62.6	69.9	79.6	95.5	110.6	121.6	129.6	143.1	149.8	153.1
Residential or domestic	Bil. dol	9.4	18.8	24.7	27.4	30.8	37.6	42.4	47.2	51.2	56.1	59.0	61.2
Percent of total	Percent	42.7	40.1	39.4	39.2	38.7	39.4	38.3	38.8	39.5	39.2	39.4	40.0
Commercial 3	Bil, dol	6.3	13.5	18.0	19.7	22.3	27.4	31.3	34.2	37.1	41.3	44.2	45.8
Industrial 4	Bil. dol	5.4	12.7	17.6	20.3	23.8	27.3	33.0	35.9	36.6	40.8	41.4	40.8
Ultimate customers, Dec. 31 2	Million	72.5	81.8	85.6	87.7	89.8	92.7	94.0	95.3	97.0	99.4	101.5	103.6
Residential or domestic	Million		72.6	75.9	77.8	79.6	82.2	83.3	84.4	85.8	87.9	89.7	91.5
Commercial a	Million	7.9	8.6	8.9	9.1	9.4	9.7	9.8	10.0	10.3	10.6	10.7	11.2
Industrial 4	Million	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.7	.5
Avg. kWh used per customer.	1,000	44.4	21.4	23.1	23.3	23.5	23.2	23.0	22.2	22.5	23.2	23.0	23.0
Residential	1.000		8.2	8.7	8.8	8.8	9.0	8.8	8.7	8.8	9.0	9.0	9.1
Commercial 3	1,000	40.0	49.0	52.9	53.1	53.2	54.5	53.4	52.3	53.8	55.2	57.4	57.9
Avg. annual bill per customer	Dollar		579	740	807	897	1,040	1,184	1,285	1,349	1,453	1,489	1,492
Residential	Dollar		262	329	357	391	462	512	563	602	644	663	675
Commercial 3	Dollar	004	1,580	2,031	2,177	2,394	2.848	3,207	3,452	3,660	3,940	4,171	4,183
Avg. revenue per kWh sold	Cents		2.70	3.21	3.46	3.82	4.49	5.14	5.79	6.00	6.27	6.47	8.49
Residential	Cents		3.21	3.78	4.03	4.43	5.12	5.80	6.44	6.83	7.17	7.40	7.44
Commercial 3			3.23	3.84	4.10	4.50	5.22	6.00	6.61	6.80	7.14	7.27	7.23
Industrial 4	Cents		1.92	2.33	2.59	2.91	3.44	4.03	4.66	4.68	4.88	5.04	5.00

<sup>&</sup>lt;sup>1</sup> Source: 1970-1975, U.S. Federal Power Commission, thereefter, U.S. Energy Information Administration, *Monthly Energy Review*, January 1987.

<sup>3</sup> Includes other types not shown separately.

<sup>3</sup> Small light and power.

<sup>4</sup> Large light and power.

Source: Except as noted, Edison Electric Institute, Washington, DC, *Statistical Yearbook*.

### No. 936. ELECTRIC UTILITIES—BALANCE SHEET AND INCOME ACCOUNT OF PRIVATELY OWNED COMPANIES: 1970 TO 1985

[In billions of dollars. As of Dec. 31. See also Historical Statistics, Colonial Times to 1970, series S 133-148 and V 197-212]

ITEM	CL	ASS A A		ILITIES		D ELECT	RIC	MAJO		TILITIES	NED EL	ECTRIC
	1970	1975	1977	1978	1979	1980	1981	1981	1982	1983	1984	1985
COMPOSITE BALANCE SHEET Assets and other debits	87.4	157.1	192.1	211.1	234.8	260.0	286.0	285.1	315.0	342.4	375.6	404.7
Electric utility plant s Depreciation and amortization Net electric utility plant Other utility plant Depreciation and amortization Net other utility plant	93.3 20.3 73.1 9.0 2.1	160.7 31.9 128.8 11.7 3.1 8.6	196.8 39.8 157.0 12.6 3.7 9.0	216.0 44.5 173.5 13.2 3.9 9.3	242.3 49.7 192.6 13.9 4.2 9.7	266.9 55.5 211.5 14.8 4.5 10.3	292.7 61.5 231.2 15.7 4.9 10.8	291.6 61.1 230.5 15.7 4.9 10.8	321.2 67.6 253.6 16.7 5.3 11.4	347.9 74.3 273.6 17.5 5.8 11.8	377.2 81.9 295.3 18.3 6.1 12.2	396.9 85.7 311.8 19.9 6.5 13.4
Total utility plant  Depreciation and amortization  Net total utility plant  Other property and investments  Current and accrued assets  Deferred debits	102.3 22.3 79.9 1.7	172.4 35.0 137.4 4.5 13.5 1.7	209.4 45.5 166.0 5.6 18.2 2.3	231.2 48.4 182.8 6.4 18.9 3.0	256.2 53.9 202.3 6.0 22.4 4.1	281.7 60.0 221.7 6.5 26.2 5.5	308.4 66.4 242.0 7.9 28.7 7.3	307.3 66.0 241.3 7.9 28.6 7.3	337.9 72.9 265.0 9.1 31.7 9.3	365.5 80.1 285.4 10.3 33.3 13.4	395.5 88.0 307.5 10.9 37.9 19.3	431.1 97.4 333.8 12.1 39.4 19.4
Liabilities and other credits *	87.4	157.1	192.1	211.1	234.8	260.0	286.0	285.1	315.0	342.4	375.6	404.7
Capital stock Other paid-in capital Retained earnings Subsidiary earnings  Long-term debt	9.4 (x)	37.8 11.5 14.7 .6 70.8	45.6 15.6 17.8 .8 82.2	49.1 17.9 19.4 .9 88.3	53.8 19.4 21.0 1.0 95.7	59.3 21.5 22.7 1.1 105.3	63.9 24.0 25.0 1.3 115.5	63.7 23.9 24.8 1.3 115.2	70.3 27.7 27.9 1.6 124.0	75.9 31.0 31.9 1.7 131.6	79.0 33.3 37.1 2.0 140.7	82.8 35.5 41.1 2.2 152.7
Current and accrued liabilities	.9	13.7 2.7 5.4	16.0 5.7 8.3	18,3 7,1 10.0	23.4 8.7 11.9	26.3 9.8 14.1	28.4 11.5 16.7	26.1 11.0 16.6	28.6 15.1 19.4	29.5 16.6 23.6	32.0 19.0 28.1	32.0 20.9 32.7
COMPOSITE INCOME ACCOUNTS	1						100		-	3-0	100	1
Electric operating revenues  Electric operating expenses  Net electric operating revenues	15.3	44.6 36.1 8.5	58.9 48.6 10.3	65.4 54.3 11.1	72.9 61.0 11.8	87.1 73.4 13.6	102.3 86.0 16.3	101.7 85.5 16.2	109.3 91.1 18.1	116.7 96.2 20.5	128.3 105.5 22.8	135.3 111.1 24.1
Other utility operating income	4.9	9.0 2.2	10.9 2.2	11.7 2.5	12.5 3.1	.7 14,4 3,6	.9 17.0 4.4	17.0 4.4	.9 19,1 5.3	.9 21.4 6.5	1.1 24.0 6.8	1.2 25.3 7.4
Total income	2.3	11.3 5.1 6.1	13.0 5.0 8.0	14.3 5.5 8.7	15.6 6.7 9.5	18.0 7.3 10.7	21.4 8.7 12.7	21.3 8.7 12.7	24.4 9.4 15.0	28.0 10.1 17.9	30.8 11.1 19.7	32.7 14.0 18.7

X Not applicable. <sup>1</sup> There were 197 utilities of this type in 1983. <sup>2</sup> There were 163 utilities of this type in 1985. <sup>3</sup> Includes construction work in progress. <sup>4</sup> Includes constructions in aid of construction through 1970. <sup>5</sup> Unappropriated undistributed. <sup>5</sup> Cumulative. <sup>7</sup> Beginning 1975, includes net extraordinary income.

Source: 1970–1975, U.S. Federal Power Commission and 1977–1981, U.S. Energy Information Administration, Statistics of Privately Owned Electric Utilities in the United States, annual; thereafter, U.S. Energy Information Administration, Financial Statisties of Selected Electric Utilities, annual;

No. 937. Nuclear Power Plants-Number, Capacity, and Generation: 1965 to 1966

ITEM	1965	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986, prel.
Operable reactors <sup>1</sup> Net summer capability <sup>1,2</sup> (mil. kW) Electricity generated (bil. kWh)	.6	18	54	70	68	70	74	77	80	86	95	100
	.8	7.0	37.2	50.7	49.6	51.7	55.9	59.9	63.0	69.7	79.4	85.3
	4	22	173	276	255	251	273	283	294	328	384	414
Percent of total electric utility	.4	1.4	9.0	12.5	11.4	11.0	11.9	12.6	12.7	13.6	15.5	16.7
generation	(NA)	(NA)	56.0	64.7	58.5	56.4	58.4	56.7	54.4	56.3	57.9	56.9

NA Not available. 

1 As of yearend. 

2 Not summer capability is the peak steady hourly output that generating equipment is expected to supply to system load, exclusive of auxiliary and other powerplant, as demonstrated by test at the time of summer peak demand. 

2 Weighted average of monthly capacity factors. Monthly factors are derived by dividing actual monthly generation by the maximum possible generation for the month (nours in month times not maximum dependable capacity). 

Source: U.S. Energy Information Administration, Annual Energy Review.

NO. 938. COMMERCIAL NUCLEAR POWER GENERATION, BY COUNTRY: 1970 TO 1986
[Generation for calendar years; other data as of December. Excludes Communist countries]

COUNTRY		REAC	TORS		EL		Y GENERA	TED 1			CAPACITY 00 kW)	
	1970	1980	1985	1986	1970	1980	1985	1986	1970	1960	1985	1986
Total	64	208	295	321	73.9	617.8	1,259.6	1,389.1	15,186	128,847	223,486	247,728
U.S	15	74	89	98	23.2	265.2	399.1	433.6	5,211	56,529	80,327	87,241
Argentina Belgium Belgium Brazil Canada China: Talwan Great Britain Finland France India	1 27 4 2	1 3 9 2 33 4 22 4	2 7 1 15 6 37 4 44 5	2 7 1 17 6 38 4 49 6	.3 .9 26.5 5.7 2.2	2.3 12.5 40.4 8.2 37.2 7.0 61.2 2.9	4.8 34.5 3.4 62.9 28.7 59.6 18.8 224.0 4.4	5.7 38.6 .1 74.5 26.9 59.1 18.8 254.2 5.1	11 220 4,783 1,606 400	357 1,744 5,588 1,272 9,012 2,296 15,412 860	1,005 5,709 657 10,332 5,146 12,280 2,400 38,595 1,095	1,005 5,706 657 11,613 5,146 12,766 2,400 47,156 1,330
Japan	3 3 1	22	33 2	33 2	3.3 3.3	81.0 4.2	7.0 152.0 3.9	8.7 164.9 4.2	631 828 55	1,490 15,117 529	1,330 24,686 540	1,33 24,68 54
Pakistan South Korea Spain Spain Sweden Switzerland West Germany Yugoslavia	ī	1 1 3 8 4 11	1 4 8 12 5 16	1 6 8 12 5 17	.9 (z) 1.9 5.3	3.5 5.2 26.7 14.3 43.7	.3 16.5 28.0 58.6 22.4 125.7 4.1	.5 37.5 37.5 69.9 22.5 117.4 4.1	160 12 364 907	137 587 1,117 5,770 2,034 8,996	137 2,866 5,812 9,915 3,079 16,912 664	137 4,812 5,812 9,915 3,075 18,295 664

<sup>-</sup> Represents zero. Z Lees than 50 million kWh. <sup>1</sup> Gross.
Source: McGraw-Hill, Inc., New York, NY, *Nucleonics Week*, January Issues. (Copyright.)

#### No. 939. Uranium Supply, Enrichment, and Discharged Commercial Reactor Fuel: 1970 to 1986

[Years ending Dec. 31, except as noted. For explanation of kilogram, see weights and measures]

ITEM	Unit	1970	1975	1979	1980	1981	1982	1983	1984	1986	1906
URANIUM (U <sub>2</sub> O <sub>2</sub> )											
Production	Mil. 15 Mil. 15	4.20	23.20 1.00 1.40 10.50	37.47 6.20 3.00 23.85	43.70 5.80 3.60 26.00	38.47 4.40 6.60 32.20	26.87 6.20 17.10 38.37	21.16 3.30 8.20 38.20	14.86 2.20 12.50 32.65	11.31 5.30 11.70 31.43	13.20 1.60 11.10 30.01
ENRICHMENT											
Enriched product <sup>1</sup>	Mil. Swu 2	5.10 3.74 1.36 (NA)	9.92 4.36 5.56 376	13.98 8.68 5.31 1,432	10.69 6.89 3.80 1,379	11.50 7.19 4.31 1,445	12.36 6.69 5.67 2,185	* 8.46 * 4.69 * 3.77 2,329	11.2 15.8 15.4 1,457	10.2 16.0 14.2 1,403	4 8.6 4 4.9 4 3.7 4 1,085
DISCHARGED COMMERCIAL REACTOR FUEL <sup>8</sup>											
Annual discharge	Metric tons Metric tons	82 118 (NA) (NA)	499 1,538 (NA) (NA)	1,258 5,241 (NA) (NA)	1,193 6,434 (NA) (NA)	1,077 7,511 7,032 479	1,014 8,525 8,046 479	1,224 9,749 9,300 449	1,257 11,008 10,642 364	1,330 12,461 11,953 528	1,411 13,881 13,267 614

Represents zero. NA Not available. <sup>1</sup> Based on sales. <sup>2</sup> Separate work unit. The standard measure of enrichment services is based on operating talls assay in effect at the time the enriched product was placed in inventory. <sup>3</sup> Jan.-Sept. only. <sup>4</sup> Placed years. <sup>5</sup> Uranium content. Source: Nuclear Assurance Corporation, Atlanta, GA. <sup>6</sup> Reprocessed fuel not included as inventory.

Source: Except as noted, U.S. Energy Information Administration, Annual Energy Review, Uranium Industry Annual 1984, and Fine ILA-958 "Uranium Industry Annual Survey" (1985); and U.S. Dept. of Energy, Statistical Data of the Uranium Industry 1983 and Uranium Enrichment Annual Report 1982-1985 and unpublished data.

NO. 940. NUCLEAR POWER PLANTS-NUMBER OF UNITS. NET SUMMER CAPABILITY, AND NET **GENERATION BY STATE: 1986** 

		NET BA		NE GENER				NET BA		HE GENERA	
DIVISION AND STATE	Num- ber of units	Total (mil. kW)	Per- cent of total	Total (mil. kWh)	Per- cent of total	DIVISION AND STATE	Num- ber of units	Total (mil. kW)	Per- cent of total	Total (mil. kWh)	Per- cent of total
U.S		83.3	12.8	414,036	15.7	So. Atl.—Con.					
N. Eng		5.4	24.4	29,300	36.6	W	-	-	-	-	-
ME	1	.8	35.2	6,242	57.3	NC	4	3.9	20.3	20,286	26.4
NH		-	-		-	8C	7	8.4	43.0	36,625 7,236	63.0
VT	1 1	.5	44.6	2,058	65.4	<u>G</u> A	2	1.5	8.6	7,236	9.7
MA	2	.8	8.5	2,420	6.0	_ FL	5	3.8	12.1	22,036	20.3
R1		-	_	-	-	E. So. Cent		8.3	12.9	15,544	7.4
CT	4	3.2	45.5	18,667	56.0	<u>KY</u>			:	l	
Mid. Atl	18	14.4	19.2	76,675	25.7	ŢN	2	2.3	13.5	1-10.5	16.9
NY	5	3.7	12.4	22,984	19.8	<u>AL</u>	, ,	4.8	25.8	11,561	
NJ	1 4	3.9	28.7	14,770	51.3	_MS	1	1.1	16.1	4,087	21.5 6.7
PA	l ż	6.8	21.6	39,820	27.0	W. So. Cent		3.7 1.7	17.8	19,513 8,878	25.3
E. No. Cent	28	16.0	14.6	06,004	16.0	AR		2.0	11.8	10.637	20.1
OH		2.0	7.7	24	(2)				11.5	10,037	ا.نم
N			l ''-	1 -	"	<b>⊙</b> K	-	-	:	-	
L		8.4	28.9	42,614	40.0	TX		2.7	قعا	10.026	قها
M		4.0	17.9	12,257	16.1	MT		2.		10,000	
WI	l ă	1.5	14.1	11,199	25.2	Ö		1 :	1 -		
W. No. Cent	l ă		10.4	35,832	19.4	WY	_	[	I :	I I	1 -
MN	l ă	1.6	19.7	11.052	36.9	&		2	2.9	52	1 2
Ä	l ĭ	.5	84	2,993	12.4	NAM	!	1	1 2.9		1 1
MO	l i	1.1	7.4	7,170	13.2	AZ	2	2.5	20.5	9,976	19.5
ND	1 :	···	''-	1		<u> </u>		2.5	20.5	1 -,5,5	
SD	1 -	_	I -	1 -	i -	NV	_		l I	1 -	1 -
NE	2	1.2	22.3	7,658	40.7	Pac		4.5	10.7	41,795	16.0
KS	l î	1.2	11.8	6.959	23.6	WA		1.9	7.8	8.430	21
So. All	24	20.7	16.9	119,228	24.7	ÖR	1 1	1.1	9.7	7,081	14.6
DE	1 -7					ČĀ	اء ا	5.6	12.7	26,215	21.5
MD	ءَ ا	1.7	17.2	12,828	34.0	AK	١ -	3.0	1 '2.'	1	1
DC		l ' <u>'</u>	''-	,020	J	Hi		1 ]	1 ]	1 -	1 ]
VA	1 7	3.4	26.4	21,215	50.0	· • · · · · · · · · · · · · · · · · · ·	_			1 -	1 -

Represents zero. X. Not applicable. Z. Less than .05 percent.
 <sup>1</sup> Negative generation denotes that electric power consumed for plant use exceeds gross generation.

Source: U.S. Energy Information Administration, Electric Power Annual, and Inventory of Power Plants in the United States, 1985.

#### No. 941. PRIVATELY OWNED GAS UTILITY INDUSTRY-BALANCE SHEET AND INCOME ACCOUNT: 1970 TO 1985

[in millions of dollars. The gas utility industry consists of pipeline and distribution companies. Excludes operations of companies distributing gas in bottles or tanks. See also *Historical Statistics, Colonial Times to 1970*, series S 205-218]

ITEM	1970	1970	1979	1970	1906	1981	1982	1980	1994	1006
COMPOSITE BALANCE SHEET	l			ļ	ł		į			
Assets, total <sup>1</sup>	34,929 38,541 10,696		<b>62,9</b> 18 59,033 <i>22,861</i>	70,245 62,710 24,400	75,725 68,767 28,062	96,094 72,917 28,908	98,933 78,479 31,366	100,400 82,038 34,208	98,993 83,118 35,542	104,47 80,12 36,37
Utility plant (net)	27,845 3,024 3,674	32,605 9,198 7,543 940	36,172 12,805 12,129 1,815	38,310 14,097 15,427 2,411	40,705 15,625 17,211 2,164	44,009 19,368 20,563 2,954	47,081 20,750 23,576 3,586	47,360 21,531 27,571 3,567	47,576 21,872 25,367 4,118	51,74 23,87 24,77 4,08
Liabilities, total <sup>1</sup> Capitalization, total <sup>1</sup> Capitalization, total <sup>1</sup> Capital stock <sup>1</sup> Long-term debts. Current and accrued liabilities Deferred income taxes <sup>2</sup> Other liabilities and credits.	28,646 12,985 15,681 4,832 786	50,266 39,044 19,500 19,544 8,158 2,052 1,032	62,919 45,630 25,565 20,245 11,704 2,991 2,393	70,245 46,165 27,135 21,030 16,024 3,798 2,257	76,725 51,299 29,262 22,037 18,107 4,144 2,175	98,094 57,512 33,041 24,471 22,134 4,972 2,278	98,633 62,390 36,161 26,229 23,809 5,473 3,331	100,460 65,040 38,468 26,552 25,150 6,537 3,772	36,832 64,458 38,959 25,469 23,043 7,000 4,432	104,47 86,78 30,51 26,39 26,12 7,76 4,78
COMPOSITE INCOME ACCOUNT  Operating revenues, total	14,306	30,550 27,480 22,957	52,995 49,272 43,108	66,931 62,867 56,261	85,807 81,517 74,433	101,593 96,917 89,108	115,673 110,299 101,548	116,086 110,142 100,486	115,481 100,165 98,963	103,94 98,31
Federal, State, and local taxes Operating income	1,569	2,763 3,070	3,950 3,723	4,294 4,043	4,653 4,290	5,086 4,676	5,804 5,414	6,508 5,964	7,148 6,326	6,54 5,63
Utility operating income	1,427	3,221 4,137 2,502 1,509	3,944 5,385 3,443 2,117	4,295 6,303 4,208 2,362	4,633 7,112 4,377 2,566	5,087 8,389 5,145 3,064	5,819 8,742 5,072 3,297	6,303 8,717 5,159 3,636	6,647 9,068 5,619 4,471	9,00 7,80 3,71 4,00

<sup>&</sup>lt;sup>1</sup> Beginning 1975, not comparable with 1970 due to Federal Power Commission ruling requiring adoption of the equity method in reporting servings of subsidiaries. <sup>2</sup> Includes capital stock discount and sepance and resourced securities. <sup>3</sup> Includes reserves for deferred income taxes. <sup>4</sup> Includes expenses not shown apparately.

Source: American Gae Association, Arlington, VA, Gae Facts, annual. (Copyright.)

#### No. 942. GAS UTILITY INDUSTRY-SUMMARY: 1970 TO 1985

[Covers natural, manufactured, mixed, and liquid petroleum gas. Based on questionnaire mailed to all privately and municipally owned gas utilities in U.S., except those with annual revenues less than \$25,000. See also Historical Statistics, Colonial Times to 1970, series S 190-204]

ITEM	Unit	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985
Customers 1	1,000	41,482	44,555	45,789	46,478	47,225	47.947	48,415	48,799	49.325	49,971
Residential		38,097	40,950	42,183	42,821	43,489	44,149	44,552	44,894	45,367	45,929
Commercial	1,000	3,131	3.367	3,370	3,423	3,500	3.564	3,631	3.676	3,730	3,816
Industrial and other	1,000	254	237	236	234	236	234	232	229	228	226
Sales 1	Tril. Btu 1	16,044	14.863	14,748	15,440	15,413	15,375	14,183	12,858	13,162	12.616
Residential	Tril. Btu	4,923	4,991	5,107	5.083	4,826	4.610	4.770	4,450	4,628	4,513
Percent of total	Percent	20.7	33.6	34.6	32.9	31.3	30.0	33.6	34.6	35.2	35.8
Commercial		2.007	2,387	2,500	2,486	2.453	2,376	2.471	2,298	2,396	2,338
Industrial		8,439	6.837	6.841	7.555	7,957	8,239	6,795	5,970	5.991	5.635
Other		674	648	301	316	177	150	147	140	147	130
Revenues *		10,283	19,101	32,150	38,947	48.303	56,110	63.200	65,837	67,496	63,293
Residential	Mil. dol	5,207	8,445	12,939	14,833	17,432	19,180	23,700	26,173	27.485	26.864
Percent of total	Percent	50.6	44.2	40.2	38.1	36.1	34.2	37.5	39.8	40.7	42.4
Commercial	Mil. dol	1,620	3,302	5,696	6,624	8,183	9,286	11,666	12,659	13,205	12,722
Industrial	Mil. dol	3,181	6,745	13,065	16,961	22,215	27,124	27,200	26,315	26,094	23,086
Other	Mil. dol	274	608	450	530	473	520	634	690	712	621
Prices per mil. Btu 3	Dollars	.64	1.29	2.18	2.52	3.13	3.65	4.46	5.12	5.13	5.02
Residential	Dollars	1.06	1.69	2.53	2.92	3.61	4.16	4.97	5.88	5.94	5.95
Commercial	Dollars	.81	1.38	2.28	2.66	3.34	3.91	4.72	5.51	5.51	5.44
Industrial	Dollars	.38	.99	1.91	2.24	2.79	3.29	4.00	4.41	4.36	4.10
Gas mains mileage	1,000	913	960	1,013	1,030	1,052	1,070	1,083	1,095	1,102	1,119
Field and gathering	1,000	66	68	75	78	84	86	90	92	94	94
Transmission	1,000	252	263	261	263	266	270	272	273	272	271
Distribution	1.000	595	649	678	688	702	714	721	730	736	754
Construction expenditures 4	Mil. dol	2 500	2,466	3,581	4,366	5,350	6,389	5,939	4,078	4,645	5,671
Transmission		1 010	590	935	1,226	1.583	2,352	1,921	1.065	1,301	1,562
Distribution		040	910	1,228	1,448	1.869	1,995	1,881	1.845	2,266	2.577
Production and storage		370	831	1,202	1.406	1,546	1.672	1,690	746	543	965

<sup>&</sup>lt;sup>1</sup> Annual average. <sup>2</sup> Excludes sales for resale. <sup>2</sup> For definition, see text, section 19. <sup>4</sup> includes general. Source: American Gas Association, Arlington, VA, *Gas Facts*, annual. (Copyright.)

No. 943. GAS UTILITY INDUSTRY—CUSTOMERS, SALES, AND REVENUES, BY STATE: 1985
[See headnote, table 942]

DIVISION AND	CUSTO: (1,0		SALI (tril. (		REVEN (mil.		DIVISION AND	CUSTOR (1,0		SALI (trii. [		REVEN (mil.	
STATE	Total *	Reei- dential	Total a	Resi- dential	Total <sup>a</sup>	Resi- dential	STATE	Total 2	Resi- dential	Total 2	Resi- dential	Total 2	Resi denti
U.S	49,971	45,929	12,616	4,513	63,293	26,864	So. Att.—						
N. Eng		1,684	349	150	2,209	1,181	Con.						
ME	15	12	2	(Z)	19	5	VA	564	512	124	43	737	30
NH	58	50	11	5	71	34	wv	387	355	78	38 30	442 670	23 19
VT	18	16	5	2	30	11	NC SC	445 319	393 286	125 94	17	480	10
MA	1,130	1,042	221	94	1,389	712	GA	1,196	1,103	271	96	1,436	56
RI	185	170	31	15	207	118	FL	461	421	233	14	911	10
CT	433	394	79	34	573	301	l '`	701	""	-33	'-	""	١ "
							E. So. Cent	2,289	2,058	626	175	2,847	96
Md. At	8,363	7,737	1,500	732	9,466	5,251	KY	644	584	142	61	694	32
NY	4,024	3,753	639	327	4,198	2,489	TN	550	476	164	40	737	20
NJ	1,955	1,760	335	154	2,145	1,126	AL	688	635	179	47	861	2
PA	2,364	2,223	526	251	3,123	1,636	MS	404	363	141	27	555	14
E. No. Cent	11,119	10,247	2,897	1,405	15.255	8.064	W. So. Cent	5,848	5,334	2,330	400	9.063	2.00
OH	2,794	2.586	625	341	3,414	1.982	AR	531	469	143	41	560	1 1
IN	1,310	1,197	399	147	1.882	806	LA	996	928	285	61	1,119	33
ſL	3,356	3,061	901	454	4,546	2.439	OK	903	814	263	78	983	3
MI	2,551	2,372	667	346	3,779	2.085	TX	3,416	3,123	1,639	220	6,401	1,2
WI	1.108	1.011	305	117	1.634	752							
		1			1		Mt	3,041 189	2,753 167	655 44	259 21	3,051 204	1,3
N. No. Cent	4,373	3,938	1,144	462	5,273	2,421	iD	117	101	33	6	172	1
MN	910	824	251	107	1,277	612	WY	128	114	38	14	163	:
<b>IA</b>	764	681	217	79	999	421	I CO	1.011	904	192	90	908	4
MO	1,241	1,145	256	129	1,277	707	NM	367	330	75	28	351	15
ND	95	83	22	10	119	58	AZ	595	549	119	30	574	11
SD	110	98	25	11	126	64	UT	433	403	113	54	453	24
NE	466	405	124	48	537	238	NV	201	185	41	14	226	
KS	787	702	249	78	938	321	<b>.</b>					40.000	
					l		Pac	8,698 401	8,152 351	2,020 134	616 33	10,262 720	3,42
Bo <u>.</u> Atl	4,405	4,026	1,095	314	5,787	2,108	WA	304	265	134	22	433	1
DE	85	79	23	6	125	44	CA	7.888	7,445	1.763	547	8.970	3.0
MD	803	746	119	64	780	452	ĂŘ	7,550	62	1.743	13	95	3.5
DC	145	131	28	12	206	94	HI	33	29	3	1	44	1 3

Z Less than 500. <sup>1</sup> Averages for the year. <sup>2</sup> Includes other service, not shown separately. <sup>2</sup> Excludes sales for resale. <sup>4</sup> For definition, see headnote, table 904.

Source: American Gas Association, Arlington, VA, Gas Facts, annual. (Copyright.)

554 Energy

### NO. 944. WOOD ENERGY CONSUMPTION, BY REGION AND SECTOR: 1980 TO 1984 [In triffions of Stu, except percent. For composition of regions, see fig. I, inside front cover)

		Percent		REG	ION			960	TOR	
YEAR	Total	of total energy con- sumption	North-	Mid- west	South	West	Resi- dential	Indus- trial	Com- mercial	Elec- tric util- ties
1980 1981 1982 1983 1984	2,395 2,556	3.2 3.2 3.3 3.5 3.4	398 389 351 389 349	329 331 339 318 341	1,380 1,291 1,334 1,471 1,482	358 402 372 398 461	869 869 937 925 923	1,900 1,519 1,434 1,806 1,679	21 21 22 22 22	4 3 2 3 9

#### No. 945. HOUSEHOLDS THAT BURN WOOD: 1980 TO 1984

[Data are not available for 1983. Based on Residential Energy Consumption Survey; see Appendix III]

ITEM	Unit	HOUS		S THAT	BURN			S THAT I	
	4	1980	1981	1982	1984	1980	1981	1982	1984
Number of households. Percent of all households. Number of cords burned Average number per household Median number per household. Wood energy consumption.	Millions Percent Millions Number Number	21.6 26.4 42.7 2.0 .7 854	22.8 27.4 44.0 1.9 1.0 881	21.4 25.6 48.6 2.3 1.0 971	22.9 26.6 49.0 2.1 1.0 981	4.7 5.8 22.4 4.7 3.3 448	5.3 6.4 24.7 4.6 3.0 493	5.6 6.7 28.7 5.1 4.0 574	6.4 7.5 29.4 4.6 4.0 589

Source of tables 944 and 945: U.S. Energy Information Administration, Annual Energy Review.

#### No. 946. WATER POWER-DEVELOPED AND UNDEVELOPED CAPACITY, BY DIVISION: 1950 TO 1966

[In millions of killowatts. As of Dec. 31. Excludes Alaska and Hawaii for 1990 and all capacity of reversible equipment at pumped storage projects. Also excludes capacity precluded from development due to wild and soonic river legislation. For composition of division, see fig. 1, inside front cover. See also // instables, Colonial Times 9 190-1970, series S 190-1970.

DIVISION		DEVE	LOPED	INSTALL	ED CAP	ACITY			ESTIM	ATED U	DEVELO	PED CA	PACITY	
DIVISION	1950	1960	1970	1975	1980	1985	1986	1950	1960	1970	1975	1980	76.4 1985 76.4 4.4 5.4 1.8 3.1 7.4 2.7 5.4 19.4 26.8	1986
U.S	18.7	33.2	52.0	57.0	64.4	68.8	69.6	87.6	114.2	128.0	113.7	129.9	76.4	74.4
New England	1.2 1.7 .9 .6 2.8 2.7	1.5 2.5 .9 1.6 3.8 3.8	1.5 4.3 .9 2.7 5.3 5.2	1.5 4.2 .9 2.8 5.8 5.5	1.5 4.3 .9 2.8 5.9 5.6	1.7 4.5 1.1 2.9 6.5 5.9	1.7 4.6 1.1 3.0 6.7 5.9	3.3 6.6 2.3 5.8 8.2 4.7	2.9 7.6 3.0 6.4 8.4 4.6	3.3 4.5 1.6 4.4 9.6 3.8	3.3 4.3 1.4 2.1 8.4 3.1	4.7 5.1 2.0 3.4 9.6 3.3	5.4 1.8 3.1 7.4	4.3 5.2 1.8 3.0 7.3 2.9
W. So. Central Mountain Pacific	2.3 6.0	.9 4.6 13.6	1.9 6.2 23.9	2.3 6.9 27.2	2.3 7.4 33.7	2.3 8.1 35.8	2.3 8.2 36.1	3.6 23.4 29.8	3.9 23.6 53.8	3.3 26.7 70.9	2.7 19.6 68.8	4.7 34.2 62.9	5.4 19.4	5.2 19.2 26.1

Source: U.S. Federal Energy Regulatory Commission, (formerly U.S. Federal Power Commission), Hydroelectric Power Resources of the United States, Developed and Undeveloped, January 1, 1984; and unpublished data.

# No. 947. SOLAR COLLECTOR SHIPMENTS, BY TYPE, END-USE, AND MARKET SECTOR: 1974 TO 1986 [In thousands of square feet, except number of manufacturers. Solar collector is a device for intercepting sunlight, converting the sunlight to heat, and carrying the heat to where it will be either used or stored. 1985 data are not available]

			COLLECT	OR TYPE		END USE		MA	RKET SECT	OR
YEAR	Number of manu- facturers	Total ship- ments <sup>1</sup>	Low temper- ature	Medium temper- ature, special, other	Pool heating	Hot water	Space heating	Resi- dential	Com- mercial	Indus- trial
1974	321 340 349 233 203 265 203	1,274 3,743 5,801 10,312 10,860 14,251 19,398 20,133 18,621 16,828 16,419	1,137 3,026 3,876 4,743 5,872 8,395 12,233 8,677 7,476 4,853 4,479	137 717 1,925 5,569 4,988 5,857 7,165 11,456 11,145 11,975 11,939	(NA) (NA) (NA) 6,334 5,970 8,551 12,029 9,781 7,035 4,839 4,427	(NA) (NA) (NA) 1,713 2,513 2,958 4,790 7,204 7,444 9,323 8,930	(NA) (NA) (NA) 1,699 1,736 1,722 1,688 2,017 2,367 2,082 2,370	(NA) (NA) (NA) 7,978 8,095 11,387 16,077 15,773 13,729 11,780 13,980	(NA) (NA) 1,680 1,848 2,015 2,417 2,561 3,789 3,039 2,091	(NA) (NA) 105 263 314 488 1,518 560 1,665 289

NA Not available. Includes other end uses and market sectors not shown separately.

\*\*Declines between 1984 and 1996 are primarily due to the expiration of the Federal energy tax credit and industry consolidation.

\*\*Source: U.S. Energy Information Administration, Solar Collector Manufacturing Activity, annual.



#### Section 20

### **Science**

This section presents statistics on scientific, engineering, and technological resources, with emases on patterns of research and development (R&D) funding and on scientific, engineering, and finical personnel, education, and employment. Also included are statistics on space program tays and accomplishments. Principal sources of these data are the National Science Foundation 3F) and the National Aeronautics and Space Administration (NASA).

NSF gathers data chiefly through recurring surveys. Current NSF publications containing data on ids for research and development and on scientific and engineering personnel include Science sources Studies Highlights; and annual, biennial, and special reports such as Federal Funds for search and Development; Research and Development in Industry; National Patterns of Science 1 Technology Resources; Academic Science/Engineering: R&D Funds, Scientists and Engineers, aduate Enrollment and Support; Federal Support to Universities, Colleges, and Selected Nonprofnstitutions; Characteristics of Doctoral Scientists and Engineers in the United States; U.S. Scien-'s and Engineers; Employment Attitudes of Recent Science and Engineering Graduates; Science 1 Engineering Employment; Characteristics of Experienced Scientists and Engineers; Scientists, gineers, and Technicians in Private Industry; Science and Engineering Personnel: A National erview; Science and Technology Data Book; Women and Minorities in Science and Engineering; I policy reports relating to national allocation of human resources and funds to science and techlogy. Statistical surveys in these areas pose particularly difficult problems of concept and definin and the data should, therefore, be regarded as broad estimates rather than precise quantitative tements. Detailed discussions of the scope and limitations of the data appear in the source pubitions.

The National Science Board's blennial Science Indicators publication contains data and analyses international and domestic science and technology, including measures of inputs and outputs. 

Budget of the United States Government, published by the U.S. Office of Management and dget, contains summary financial data on Federal R&D programs.

Research and development outlays.—NSF defines research as a "systematic and intensive dy directed toward a fuller knowledge of the subject studied" and development as "the system: use of scientific knowledge directed toward the production of useful materials, devices, system, methods, or processes." National coverage of R&D expenditures is developed primarily from riodic surveys in four principal economic sectors: (1) Government, made up primarily of Federal scutive agencies; (2) industry, consisting of manufacturing and nonmanufacturing firms and the lerally funded research and development centers (FFRDC's) they administer; (3) universities and leges, composed of universities, colleges, and their affiliated institutions, agricultural experiment ations, and associated schools of agriculture, and FFRDC's administered by educational institutions, and (4) other nonprofit institutions, consisting of such organizations as private philanthropic indations, nonprofit research institutes, voluntary health agencies, and FFRDC's administered by profit organizations. The R&D funds reported consist of current operating costs, including plang and administration costs, except as otherwise noted. They exclude funds for routine testing, pping and surveying, collection of general-purpose data, dissemination of scientific information, it training of scientific personnel.

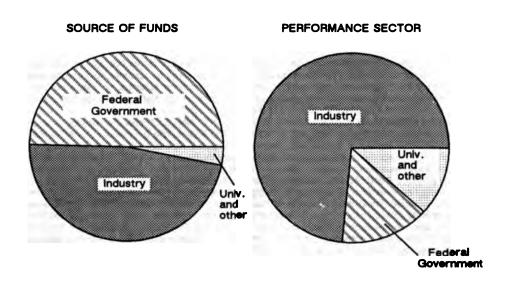
**Scientists**, engineers, and technicians.—Scientists and engineers are defined as persons enged in scientific and engineering work at a level requiring a knowledge of sciences equivalent at at to that acquired through completion of a 4-year college course. Technicians are defined as sons engaged in technical work at a level requiring knowledge acquired through a technical inute, junior college, or other type of training less extensive than 4-year college training. Craftsmen 3 skilled workers are excluded.

**fistorical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Histori- Statistics of the United States, Colonial Times to 1970.* See Appendix IV.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs by also be found in State and Metropolitan Area Data Book 1986. For cross-references, see Apndix V. 556 Science

Figure 20.1

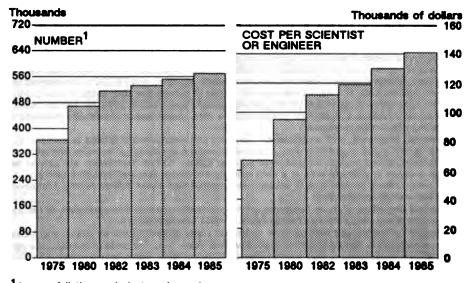
Research and Development Funds-Percent Distribution: 1987



Source: Chart prepared by U.S. Bureau of the Census, For data see table 949.

Figure 20.2

Research and Development Scientists and Engineers in Private Industry: 1975 to 1985



<sup>&</sup>lt;sup>1</sup>Average full-time equivalent employment. Source: Chart prepared by U.S. Bureau of the Census. For data see table 983.

#### NO. 948. RESEARCH AND DEVELOPMENT (R&D)—OUTLAYS: 1955 TO 1987

basic research, applied research, and development. Defense-related outleys comprise all research and development ig by Dept. of Defense, including space activities, and a portion of Department of Energy funds. Space-related outleys are if the National Aeronautics and Space Administration; they exclude space activities of other Federal agencies, settmeted than 5 percent of all space research and development spending. Minus sign (—) indicates decrease]

	CURE	ENT DOL		-				P	ERCENT	OF TOTAL	RAD	OUTLAY	S
00 DC000		bil. dol.)	LARS	(1	STANT 982) LARS	PER	CENT NGE S		erally fu ense/sp related		Ott	ner outli	ays
OR PERIOD	Total 1	De- fense space relat- ed	Other	Total (bil. dol.)	Per- cent of GNP	Cur- rent dol- lars	Con- stant dol- lars	Total	De- fense	Space	Total	Non-Fed- eral 43 35 53 53 53 53 53 53 53 53 53 53 53 53	Fed
	474	3.0 7.4 8.0 8.5 9.4 10.6	3.1 6.1 6.3 6.9 7.7 8.3	22.8 43.6 45.8 48.2 52.6 57.2	1.5 2.6 2.7 2.7 2.8 2.9	9.4 13.8 5.9 7.5 10.8 10.5	6.1 11.4 4.8 5.3 9.2 8.8	49 55 56 55 55 55	48 52 50 48 41 37	1 3 6 7 14 19	51 45 44 45 45 45	35 35 36 34	1
	20.0 21.8 23.1 24.6 25.6	10.8 11.4 11.3 11.8 11.5	9.2 10.5 11.8 12.8 14.1	59.4 62.6 64.4 65.5 64.7	2.8 2.8 2.8 2.8 2.7	6.3 9.0 6.0 6.3 4.2	3.8 5.5 2.9 1.6 -1.2	54 52 49 48 45	33 33 35 35 34	21 19 14 13 11	46 48 51 52 55	36 38 39	1
	26.7	11.2 10.9 11.7 11.7 11.5	14.9 15.7 16.8 19.0 21.4	62.4 60.4 61.4 62.4 61.5	2.6 2.4 2.4 2.3 2.2	2.0 2.1 6.8 7.9 7.0	-3.5 -3.2 1.7 1.6 -1.5	43 41 41 38 35	33 32 32 30 27	10 9 9 8 8	57 59 59 62 65	44 44 47	1 1 1
	35.2 39.0 42.8 48.1 54.9	12.0 13.3 14.1 14.9 16.5	23.2 25.7 28.7 33.2 38.5	59.9 62.1 63.7 66.8 70.1	2.2 2.2 2.1 2.1 2.2	7.1 10.8 9.6 12.5 14.1	-2.6 3.8 2.4 4.9 5.0	34 34 33 31 30	26 26 25 24 23	8 8 8 7 7	66 66 67 69 70	49 50 50	1
	62.6 71.8 79.3 87.2 97.6	16.2 21.6 25.4 29.6 33.2	44.5 50.3 53.9 57.6 64.4	73.2 76.6 79.3 83.9 90.5	2.3 2.4 2.5 2.6 2.6	13.9 14.8 10.4 9.9 12.0	4.5 3.9 3.5 5.8 7.9	29 30 32 34 34	22 23 25 27 28	7 7 7 7 6	71 70 68 66 66	54 54 53	11
	107.5 116.8 124.2	39.8 45.5 48.5	67.7 71.3 75.7	96.6 102.2 105.4	2.7 2.8 2.8	10.1 8.7 6.4	6.6 5.9 3.1	37 39 39	31 32 32	6 7 7	63 61 61		1

#### 49. RESEARCH AND DEVELOPMENT (R&D)—Source of Funds and Performance Sector: 1980 to 1987

[In millions of dollars. See headnote, table 950]

			SOURCE	OF FUND	8		PER	FORMANC	E SECTOR	
YEAR	Total	Fed- eral Govt.	Indus- try	Univ., col- leges	Other 1	Fed- eral Govt.	Indus- try	Univ., col- leges	Associat- ed FFRDC's <sup>1</sup>	Other 1
iollars:	-	1				-	1	100		
•	13,523	8,738	4,516	149	120	1,726	10,509	646	360	282
	26,134	14,892	10,444	461	337	4,079	18,067	2,335	737	916
***************************************	35,213	18,109	15,820	749	535	5,354	24,187	3,409	987	1,276
************************************	62,593	29,451	30.911	1,323	908	7,632	44.505	6.060	2.246	2,150
***************************************	71,840	33,405	35,944	1,520	971	8,425	51,810	6,819	2,486	2,300
***************************************	70.216	36,505	40.096	1,690	1.025	9,141	57,995	7,276	2,479	2,425
***************************************									2,737	2,675
<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>		40,671	43,515	1,881	1,137	10,582	63,403	7,807		2,075
<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>	97,639	45,341	49,066	2,024	1,208	11,572	71,471	8,503	3,118	
***************************************	107,462	51,330	52,569	2,259	1,304	12,998	78,181	9,504	3,529	3,250
	116,793	57,219	55,699	2,500	1,375	13,533	85,660	10,600	3,600	3,400
51	124,250	61,350	58,770	2,700	1,430	15,000	90,700	11,150	3,800	3,600
(1982) dollars:	11.00	1			1.00	1000	17.75	100-1	1,000	A
	43,648	28,191	14,591	479	387	5,548	33,955	2.077	1,157	911
	62 405	35,636	24.851	1,111	807	9,834	42,986	5,629	1,777	2,179
	59,883	30,986	26,679	1,302	916	9,308	40,781	5,927	1,716	2,151
	72 225	34,546	36.064	1,561	1.065	9,006	51,919	7,151	2,650	2,508
***************************************	76 610	35,685	38,257	1,631	1.037	9.039	55,140	7,316	2,667	2.448
***************************************	79,316	36,505	40.096	1,690	1.025	9,141	57.995	7,276	2,479	2,425
<del>i</del>	83.891			1,805	1.093	10,153	61.047	7,490	2,626	2,576
<del> </del>		39,097	41,896							
<del>/18/1001</del>		42,008	45,544	1,871	1,119	10,696	66,343	7,859	2,882	2,762
Aurer	96,556	46,078	47,285	2,023	1,170	11,638	70,326	8,509	3,160	2,923
***************************************	102,236	50,024	48,834	2,177	1,201	11,783	75,107	9,229	3,135	2,981
51	105,364	52,003	49,863	2,286	1,212	12,698	76,956	9,439	3,217	3,054

ally-funded R&D centers. \* Nonprofit institutions.

les revisions not shown in detail. <sup>2</sup> GNP-Gross national product. <sup>3</sup> Change from prior year shown; 1955 change

<sup>:</sup> U.S. National Science Foundation, National Patterns of Science and Technology Resources, annual; and unpublished

<sup>:</sup> U.S. National Science Foundation, National Patterns of Science and Technology Resources, servusis.

558 Science

### No. 950. RESEARCH AND DEVELOPMENT (R&D) FUNDS, BY PERFORMANCE SECTOR AND SOURCE: 1970 TO 1987

[In millions of dollars, except percent. Data primarily on calendar year basis—calendar year data for industry and other nonprofit institutions combined with Federal and university fiscal year data. Data refer, in general, to natural sciences including engineering, and to social sciences in all but industry sector: Excludes capital expenditures data. Expenditures at associated federally funded research and development centers administrated by industry and other nonprofit institutions included in totals of respective sectors. See also Historical Statistics, Colonial Times to 1970, series W 109-125]

PERFORMANCE SECTOR AND SOURCE OF FUNDS	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987, est.
Total R&D <sup>1</sup> In 1982 dollars Percent Federal as source Percent of gross national product.	62,405	35,213 59,883 51,4 2.2	62,593 73,235 47.1 2.3	71,840 76,610 46.5 2.4	79,316	87,204 83,891 46.6 2.6	90,542 46.4		116,793 102,236 49.0 2.8	
Federal Government	4,079 18,067 7,779	5,354 24,187 8,605	7,632 44,505 14,029	8,425 51,810 16,382	9,141 57,995 18,483 39,512	10,582 63,403 20,542	11,572 71,471 23,163	12,998 78,181 26,485 51,696	13,533 85,660 30,936 54,724	15,000 90,700 33,000 57,700
Universities and colleges Federal funds Industry funds Other nonprofit institutions funds 2	2,335 1,648 61 461	3,409 2,288 113 749	6,060 4,096 237 1,318 409	6,819 4,562 291	7.276	7,807 4,960 379	8,503 5,388 458 2,024 633	9,504 6,003 538 2,259 704	10,600 6,750 600 2,500 750	11,150 7,000 670 2,700 780
Universities and colleges, associated federally funded R&D centers	737 916 649	875 125	1,450	2,300	2,479 2,425 1,650 250 525	2,737 2,675 1,850 275 550	2,100	3,529 3,250 2,315 335 600	3,600 3,400 2,400 375 625	3,800 3,600 2,550 400 650
Total research, basic and applied In 1982 dollars Percent Federal as source	22,198	12,471 21,358 56.8	22,129 25,962 54.9	26,057 27,836 52.5	28,455 28,455 51.9	31,409 30,194 52.6	31,058	36,546 32,806 53.5	39,329 34,379 53.8	40,910 34,676 53.0
Federal Government	. 1,207	5,300 1,287	9,775	12,313	14,055	4,710 15,676 4,081 11,595	16,802 4,626	5,109 18,319 5,289 13,030	5,108 19,971 6,178 13,793	5,200 20,875 6,275 14,600
Universities and colleges  Federal funds Industry funds University and college funds *  Other nonprofit institutions funds *	2,223 1,564	3,261 2,210 106 702	5,717 3,888 217	6,442 4,337 265 1,419 421	6,861 4,517 304 1,570 470	7,370 4,715 348	8,026 5,118 423 1,894	8,949 5,683 488 2,114 664	10,000 6,400 550 2,340 710	10,450 6,605 595 2,510 740
Universities and colleges, associated federally funded R&D centers Other nonprofit institutions Federal funds Industry funds Other 's	485 628 409	573 873 545 103	1,486	1,663	1,665	1,833 1,820 1,180 220 420	1,925 1,250 240	2,144 2,025 1,310 265 450	2,200 2,050 1,290 295 465	2,300 2,085 1,290 315 480
Total basic research. In 1982 dollars Percent of total R&D	3,549 8,527	<b>4,608</b> 7,951	8,079 9,506 12.9 68.8	9,180 9,828 12.8 67.7	9,937 9,937 12.5 66.9		11,176	13,222 11,854 12.3 65.1	14,309 12,484 12.3 65.1	14,815 12,550 11.9 64.7
Federal Government	602	734 730 157 573		1,302 1,614 301 1,313	1,465 1,880 380 1,500	1,690 2,171 464 1,707	1,861 2,515 547 1,968	1,961 2,731 625 2,106	2,000 2,959 730 2,229	2,000 3,125 775 2,350
Universities and colleges Federal funds Industry funds University and college funds * Other nonprofit institutions funds 2	1,296 40 350	1,694 72 478	2,853	4,576 3,250 170 906 250	4,857 3,396 198 982 281	5,269 3,538 228 1,144 359	3,782 279 1,214	6,377 4,255 345 1,362 415	7,100 4,750 375 1,530 445	7,370 4,920 390 1,600 460
Universities and colleges, associated federally funded R&D centers.  Other nonprofit institutions.  Federal funds. Industry funds. Other 3	269 305 189	309 425 245 60	786 760 450 95	863 825 495 105	870 865 535	983 945 600 125 220	1,052 1,010 650	1,078 1,075 695 150 230	1,150 1,100 690 170 240	1,200 1,120 690 180 250
Total development In 1982 dollars Percent of total F&D. Percent Federal as source	16,865 40,206 64,5	22,742 38,525 64,6	40,464 47,273 64.6	45,783 48,774	50,861 50,861 64,1	-	64,118 59,484 65.7		77,464 67,857 66.3 46.5	63,340 70,688 67.1 47.6

Basic research, applied research, and development.
 Includes State and local government funds received by these institutions and used for research and development.
 Includes estimates for independent nonprofit hospitals and voluntary health agencies,

Source: U.S. National Science Foundation, National Patterns of Science and Technology Resources, annual.

#### No. 951. FEDERAL FUNDING FOR RESEARCH AND DEVELOPMENT, BY BUDGET FUNCTION: 1976 to 1988

tillions of dollars. For fiscal years ending in year shown; see text, section 9. Excludes R&D plant. Data for 1976 are xwm in obligations; thereafter, are shown in budget authority. See *Historical Statistics, Colonial Times to 1970*, series W 126, total obligations]

FUNCTION	1976	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987, est.	1968, est.
fotal 1	20,780	25,976	28,208	29,739	33,735	36,115	38,768	44,214	49,887	53,192	58,148	67,576
nal defense	10,430	12.899	13,791	14.946	18.413	22,070	24.936	29.287	33,698	36,926	40.260	47.056
h	2,351	2,968	3,401	3,694	3.871	3,869	4.298	4,779		5,565	6,608	8,649
e research and technology	3,130	2,939	3,136	2,738	3,111	2.584	2,134	2.300	2,725	2.894	3.344	3.942
ral science	858	1.050	1,119	1,233	1,340	1,359	1,502	1,676	1,862	1,873	2.041	2,332
<b>y</b>	1,649	3,134	3,461	3,603	3,501	3,012	2,578	2,581	2,389	2,286	2,155	1,944
portation	631	768	798	887	869	791	876	1,040	1,030	917	889	904
al resources and environment	683	904	1,010	999	1,061	965	952	963	1,059	1,062	1,083	1.029
ulture	383	501	552	585	659	693	745	762	836	815	865	839
ation, training, employment 1	255	345	354	468	298	228	189	200	220	248	253	225
national affairs	42	57	117	125	160	165	177	192	210	211	217	233
ans benefits and services	98	111	123	126	143	139	157	218	193	183	215	201
nerce and housing credit	69 35	77	93	101	106	104	107	110	114	111	112	119
nistration of justice	35	44	47	45	34	31	37	24	47	41	42	42
nunity and regional develop	109	92	127	119	104	63	44	46	50	32	29	28

icludes functions not shown separately. \*\* Includes social services.

urce: U.S. National Science Foundation, Federal R&D Funding by Budget Function, annual.

NO. 952. FEDERAL OBLIGATIONS FOR RESEARCH, BY FIELD OF SCIENCE: 1976 TO 1987 [In millions of dollars. For fiscal years ending in year shown; see text, section 9. See headnote, table 951]

FIELD	1975	1970	1979	1995	1961	1962	1963	1984	1986	1986, est.	1967, eet.
lesserch, total	7,919	9,807	10,536	11,507	12,213	13,022	14,254	14,078	16,130	16,455	16,841
;	2,768 4,852	3,699 5,908	4,193 6,342	4,674 6,923	5,041 7,172	5,482 7,540	6,260 7,993	7,087 7,911	7,819 8,311	8,145 8,310	8,348 8,493
clences	1,259	3,427 2,421 1,646 1,025	3,848 2,572 1,793 1,101	4,192 2,630 2,001 1,261	4,436 3,072 2,221 1,121	4,746 3,387 2,500 1,146	5,178 3,517 2,891 1,251	5,636 3,824 2,969 1,276	6,358 3,629 3,044 1,404	6,458 3,664 3,072 1,458	6,289 3,858 3,300 1,483
emetics, computer sci- ses	393 138	216 490 163 177 206	210 527 182 197 267	241 524 193 199 350	279 497 207 209 379	360 386 157 218 287	419 435 186 241 320	440 436 147 267 331	578 462 160 319 329	665 435 147 326 357	759 460 163 316 373

urce: U.S. National Science Foundation, Federal Funds for Research and Development, annual.

IO. 953. FEDERAL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT, BY AGENCY: 1976 TO 1987 millions of dollars except percent. For flecal years ending in year shown; see text, section 9. See *Historical Statistics*, *Colonial Times to 1970*, series W 142, for total R&D expenditures. Minus sign (–) indicates decline]

	4070						1986,	1987.	1985- 86 7.7 12.9	
AGENCY	1976	1981	1982	1983	1984	1985	est.	est.		1986- 87
of Defense and Space Administra-	20,780 9,655	33,104 16,509	36,433 20,623	38,712 22,993	<b>42,225</b> 25,373	<b>48,332</b> 29,792	52,062 33,646	59,210 40,679		13.7
Lucianidacentaminaminaminaminaminaminaminaminaminamin	3,447	3,593	3,078	2,662	2,822	3,327	3,478	3,926	4.5	12.9
of Commerce		328 4,918	336 4,708	335 4,537	358 4,674	399 4.966	391 4,692	4,771	-2.0	-23.0
of Energy	2 2 461	3,927	3,941	4,353	4,831	5,451	5,611	5,271	2.9	-6.1
nal Science Foundation		962	975	1,062	1,203	1,346	1,334	1,508	9	13.0
of Agriculture	462	774	797	848	866	943	923	909	-2.1	-1.5
of Transportation	295	416	310	348	448	402	335	246	-16.7	-26.6
of the Interior	333	427	381	383	411	392	388	351	-1.0	-9.5
onmental Protection Agency	259	326	335	241	261	320	334	310	4.4	-7.2
tar Regulatory Commission		220	220	207	191	150	135	114	- 10.0	-15.6
ans Administration		144	137	161	190	227	186	194	-18.1	4.3
cy for International Development		134	200	227	237	220	221	238	.5	7.7
of Education	s 123	105	128	112	116	125	131	117	4.8	-10.7
r agencies	219	322	263	243	244	274	258	277	-5.8	7.4

nergy Research and Development Administration. <sup>3</sup> Health, Education, and Welfare. See table 502 for complete list of cles. <sup>3</sup> Includes National Institute of Education, Office of the Assistant Secretary for Education and Office of Education. urce: U.S. National Science Foundation, Federal Funds for Research and Development, annual.

560 Science

#### No. 954. Funds for Performance of Industrial Research and Development (R&D), BY INDUSTRY: 1970 TO 1985

[in millions of dollars. Covers basic research, applied research, and development. See also Historical Statistics, Colonial Times to 1970, series W 144-160]

SIC 1	INDUSTRY	1979	1975	1975	1979	1986	1991	1982	1906	1984	1995
372, 376 36	Total <sup>2</sup> Aircraft and missiles Electrical equipment	5,219	24,197 5,713 5,105	33,304 7,536 6,507	50,266 8,041 7,824	44,506 9,196 9,175	51,910 11,986 10,329	<b>87,966</b> 13,658 11,642	<b>63,403</b> 13,853 13,950		88,121 17,801 17,313
35 28 371,	Machinery	1.729	3,196 2,727	4,283 3,580	4,825 4,038	5,901 4,835	6,818 5,825	7,835 6,659	8,386 7,293	9,671 8,024	11,037 8,875
373-75, 379 38	equipment <sup>a</sup>	1,591	2,430	4,010	4,906	5,117	4,970	4,970	5,500	6,340	7,308
29	Professional and scientific instruments	515	1,173 693	1,998 1,050	2,505 1,262	3,029 1,552	3,614 (D) 878	4,019 (D) 1,000	4,444 (D)	4,861 (D)	5,420 (D)
33 30 34	Primary metals	276 207	443 467 324	580 493 394	634 577 455	728 658 550	(D) 824	(D) 568	1,115 (D) 604	0.00 716	1,187 697
20 26 32	Food and kindred products Paper and allied products Stone, clay, and glass products	178	335 249 233	472 387 324	526 445 358	620 495 406	989	(D) 626 (D)	999	989	200

D Withheld to avoid disclosure. 
<sup>1</sup> Standard Industrial Classification. See text, section 13. 
<sup>2</sup> Includes industries not available separately. 
<sup>3</sup> Estimated beginning 1981.

Source: U.S. National Science Foundation, Research and Development in Industry, annual.

#### No. 955, COMPANIES PERFORMING RESEARCH AND DEVELOPMENT (R&D)-SELECTED DATA, BY INDUSTRY GROUP: 1975 TO 1984

SIC 1 code	INDUSTRY GROUP		R&D			R&D	FUNDS OF NET		CENT		450.6 85.9 94.5 62.1 51.4 39.7 32.8 10.8 8.1 (0)	SENTISTS/	
		1975	1980	1984	1985	1975	1980	1984	1985	1975	1980	1984	1985
	Total 3	24,187	44,505	71,677	80,121	3.1	3.0	3.8	4.2	363.3	450.6	544.5	560.2
372, 376	Aircraft and missiles		9,198	16,076		12.7	13.7	16.9	17.5	67.5	85.9	96.5	103.8
36	Electrical equipment		9,175		17,313	6.5	6.6	7.5	8.0	82.6		116.1	115.3
35	Machinery		5,901	9.671	11,037	4.8	5.0	6.0	6.8	52.8		75.0	773
28	Chemicals and allied		-13-1	15.00		1 1 1				100	7.7	100	230
1000	products	2,727	4.636	8,024	8,875	3.7	3.6	4.6	4.8	45.2	51.4	67.1	67.0
371,373-75.	Motor vehicles, trans-	,,	23,422	7,1		-	- 5.5	11000			5.00	100	
379	port. equipment 4	2,430	5,117	6,340	7.308	3.3	3.9	3,4	3.6	27.9	39.7	30.5	31.7
38	Professional and scien-	100	1.2	2,44	1.000	100	7.3	-	1	7.7		1000	100
	tific instruments	1,173	3.029	4,851	5,420	5.9	7.5	9.2	10.3	17.9	32.8	(D)	(D)
29	Petroleum refining		1,552		(0)	-7	.6	(D)	(D)	8.4	10.8	(D)	(D) 13.4
33	Primary metals		728	(0)	(D)	.8	.7	(0)	(p)	6.3	8.1	8.5	9.5
30	Rubber products		656	(D) (D)	1,187	2.5	2.2	(D) (D)	(D) (D) 3.0	8.4	(D)	(0)	(a)
34	Fabricated metal	250	1000	1.4	200	77.	1	1	1 5 3	1	1-1		1 100
	products	324	550	716	697	1.2	1.4	1.5	1.4	7.4	7.8	12.9	(0)
20	Food and kindred	7	1 / 2 2	1		3.00	223	0.31	1 2 2	1	1.00	100	1 70
	products	335	620	(D)	(D)	.4	.4	(D)	(D)	6.8	7.2	7.6	(D)
26	Paper and allied	1200	1 1		1 2	1.00	100					1	116
	products	249	495	(D)	(0)	.9	1.0	(D)	(D)	5.0	7.4	7.9	8.7
32	Stone, clay, and		733	1	1	1.0	1	1-1	-	100		1	1
	glass products	233	406	(D)	(D)	1.2	1.4	(D)	(D)	4.5	5.4	4.6	4.9

D Withheld to avoid disclosure, ble. <sup>4</sup> Estimated beginning 1984.

Source: U.S. National Science Foundation, Research and Development in Industry, annual.

#### No. 956. Federal Obligations to Universities and Colleges: 1970 to 1965

n millions of dollars, except percent. For fiscal years ending in year shown; see text, section 9. Total and nonscience/ engineering activities for 1981–1983 are estimates based on revised student aid data from the Dept. of Education. Minus sign : (—) indicates decrease)

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985
Federal obligations, total Annual percent change 1	3,237 -6.5			7,472 15.1	7,604 1.8		8,640 4.1	8,776 1.6			10,985
Academic science/engineering obligations Percent of total	2,188 67.6		3,351 51.6	3,960 53.0	4,473 58.8	4,790 57.7	5,062 58.6	5,179 59.0	5,680 60.8		7,260 66.1
Research and development	1,447 45 696 1,049	45 515	36	34	32 567	38	28	31	38	50	6,379 114 767 3,724

<sup>&</sup>lt;sup>1</sup> Percent change from prior year.

<sup>&</sup>lt;sup>1</sup> Standard Industrial Classification. <sup>2</sup> As of January. <sup>2</sup> Includes industries not avail-

Source: U.S. National Science Foundation, Survey of Federal Support to Universities, Colleges, and St Institutions, annual.

### . 957. NOBEL PRIZE LAUREATES IN CHEMISTRY, PHYSICS, AND PHYSIOLOGY/MEDICINE—SELECTED COUNTRIES: 1901 TO 1986

[Presented by location of award-winning research and by date of award]

		1901-	-1986							
COUNTRY	Total	Phys- ics	Chem- istry	Physi- ology/ Medi- cine	1901- 1915	1916- 1996	1931- 1945	1946- 1960	1901- 1975	1976- 1986
Fetal.  Id States  Id States  Id Ringdom  De	378 143 68 4 21 10 53 79	129 49 21 3 8 7 16 25	106 31 24 1 6 1 25 18	143 63 23 - 7 2 12 36	52 3 7 10 2 15	41 3 8 - 3 - 12 15	40 14 11  2  11	74 38 14 1 - 4 4 13	92 41 20 2 5 3 8 13	70 44 8 1 1 1 3 12

Represents zero. 

<sup>1</sup> Includes East Germany before 1946, uros: U.S. National Science Foundation, unpublished data.

NO. 958. NATIONAL RESEARCH AND DEVELOPMENT EXPENDITURES AS A PERCENT OF GROSS
NATIONAL PRODUCT, BY COUNTRY: 1965 TO 1986

AR	Unit- ed States	France 1	West Ger- many	Japan	Unit- ed King- dom	Soviet Union	YEAR	Unit- ed States	France 1	West Ger- many	Japan	Unit- ed King- dom	Soviet Union
	2.6	2.0	1.7	1.5	(NA)	2.9	1977	2.2	1.8	2.1	1.9	(NA)	3.5
	2.8	2.1	2.0	1.5	2.3	2.9	1978		1.8	2.2	2.0	2.2	3.5
	2.8	2.1	2.0	1.6	2.3	(NA)	1979		1.8	2.4	2.1	(NA)	3.6
	2.7	1.9	1.8	1.6	2.3	3.0	1980	2.3	1.8	2.4	2.2	(NA)	3.8
	2.6	1.9	2.1	1.8	(NA)	3.3	1961		2.0	2.5	2.4	2.4	3.7
	2.4	1.9	2.2	1.9	(NA)	3.5	1962		2.1	2.6	2.5	(NA)	3.7
*********	2.4	1.9	2.2	1.9	2.1	3.7	1963		2.2	2.5	2.6	2.2	3.8
	2.3	1.8	2.1	1.9	(NA)	3.8	1964		2.2	2.5	2.6	(NA)	3.9
	2.2	1.8	2.1	2.0	(NA)	3.7	1985		2.3	2.7	2.9	2.2	3.8
	2.2	1.8	2.2	2.0	2.2	3.8	1986	2.8	(NA)	2.8	(NA)	(NA)	(NA)
	2.2	1.8	2.1	1.9	(NA)	3.6	1		1		,,	1 7	1 "

Not available. Percent of gross domestic product.

uros: U.S. National Science Foundation, Science Indicators, biennial; National Patterns of Science and Technology Resources, at; and International Science and Technology Data Update, annual.

### D. 959. RESEARCH AND DEVELOPMENT (R&D) EXPENDITURES IN SCIENCE AND ENGINEERING AT UNIVERSITIES AND COLLEGES: 1980 TO 1985

#### [in millions of dollars. Estimates for nonrespondents account for less than 8 percent of the total]

CHARACTERISTIC	1980	1983	1984	1985	CHARACTERISTIC	1980	1983	1984	1985
tal. n 1972 dollars 1	6,060 3,412 4,026 2,034 4,587 827 237 409	7,807 3,587 5,269 2,538 5,560 1,281 379 587	8,503 3,764 5,638 2,865 6,014 1,398 458 633	9,504 4,057 6,377 3,127 6,669 1,593 538 704	Field: Life sciences Engineering Physical sciences Environmental sciences Social sciences and other Economics Mathematics Computer sciences Psychology	3,217 865 677 509 488 90 79 114 111	4,233 1,111 899 620 521 98 108 175 139	4,607 1,206 997 650 548 109 124 223 147	5,138 1,383 1,137 707 569 116 129 278 162

lesed on GNP implicit price deflator; see text, section 14.

uros: U.S. National Science Foundation, Survey of Scientific and Engineering Expenditures at Universities and Colleges, annual.

#### D. 960. SCIENTISTS AND ENGINEERS EMPLOYED IN RESEARCH AND DEVELOPMENT: 1970 TO 1986

thousands of full-time equivalent employees. Yearly averages for industry sector only. Excludes those employed by State and local government agencies, except as noted. DOD = Dept. of Defense. FFRDC's = federally funded R&D centers]

SECTOR	1970	1975	1970	1996	1901	1962	1962	1984	1996	1960 1
Total	68.5 50.3 16.2 67.7 11.5	527.7 363.6 69.8 51.2 18.8 58.4 12.7 23.0	615.0 437.2 78.6 56.9 21.7 57.6 14.1 27.5	661.7 469.2 81.2 57.9 23.3 58.6 15.2 27.5	663.7 496.6 63.3 58.9 24.4 59.2 15.4 27.0	702.8 516.0 84.4 59.5 24.9 60.0 15.4 27.0	711.7 522.1 85.5 60.6 24.9 61.3 15.3 27.5	738.4 544.5 86.6 62.5 26.1 62.1 15.2 26.0	762.4 560.2 93.2 65.6 27.4 62.9 16.6 28.5	787.4 560.3 98.7 67.8 28.9 63.3 16.6 30.5

Estimated.

a Includes professional R&D personnel employed at FFRDC's administered by industry and other nonprofit utions.

Includes estimate for R&D scientists and engineers employed in State-affiliated inefautions.

Iuros: U.S. National Science Foundation, National Patterns of Science and Technology Resources, screws).

562 Sciençe

NO. 961. SCIENTISTS AND ENGINEERS, BY FIELD, LABOR FORCE STATUS, AND SEX: 1980 TO 1986 [In thousands, except percent. Represents the total science and engineering population in the United States]

		1986			1984			1906	
	To			To	tel .		To	tel	
FIELD	Num- ber	Per- cent fe- male	in lebor force	Num- ber	Per- cent fe- male	In lebor force	Num- ber	Per- cent female	In lebor force
Total, all fields Engineers, total Scientists, total Life scientists Computer apecialists Physical scientists Social scientists Economists Computer specialists Physical scientists Economists Economists Economists Erwironmental scientists Environmental scientists Mathematical scientists	1,283 313 215 235 229 84 145	11.5 3.0 23.4 19.2 26.7 10.3 29.5 15.9 37.3 39.4 14.2 29.8	2,917 1,701 1,216 295 210 220 214 78 136 132 79 68	4,247 2,352 1,895 384 445 238 357 138 221 223 106 108	18.3 3.4 25.4 26.6 11.6 29.4 15.7 37.9 42.9 11.4 22.8	4,061 2,241 1,819 381 439 259 341 130 212 212 101 103	4,972 2,635 2,337 452 576 313 459 177 282 274 123 140	18.4 4.1 28.1 28.1 29.7 13.9 31.7 19.2 39.6 46.5 12.3 26.9	4,800 2,471 2,228 421 567 293 438 169 270 280 116 133

Source: National Science Foundation, U.S. Scientists and Engineers, and unpublished data.

#### No. 962. CHARACTERISTICS OF EMPLOYED SCIENTISTS AND ENGINEERS: 1986

[Percent distribution, except as indicated. Represents the total science and engineering employment in the United States]

				0		800	IAL SCIENT	ISTS		S4	14
CHARACTERISTIC	Total	Engl- neers	Life scien- tists	Comput- er special- ists	Physi- cal scien- tists	Total	Econo- mists	Other social scientists	Pay- chol- ogists	Environ- mental scien- tiets	Methe- metical scien- tists
Total (1,000)	4,827 84.9 15.1	2,440 95.9 4.1	412 75.0 25.0	<b>563</b> 71.1 26.9	966 86.4 13.6	<b>428</b> 68.7 31.3	164 80.5 19.5	254 61.4 36.6	284 54.6 45.4	111 86.4 11.6	131 74.1 25.9
Highest degree: Doctorate Mester's Bachelor's Other	13.3 23.6 55.1 8.0	4.3 23.0 59.9 12.8	29.5 21.4 44.6 4.5	3.4 25.2 69.9 1.5	39.6 20.3 38.0 2.1	23.0 22.1 51.7 3.2	21.8 21.7 53.0 3.5	23.7 22.3 50.9 3.0	36.5 26.6 32.4 2.6	18.4 31.1 48.2 2.2	30.7 33.7 34.1 1.6
Type of employer: Industry	67.8 13.6 3.6 7.7	79.5 4.1 1.5 7.6	37.2 35.9 7.0 10.3	78.2 6.7 2.5 6.8	56.8 24.7 3.3 10.3	50.4 26.4 6.4 5.1	62.5 20.5 2.2 7.8	42.9 30.1 8.9 3.4	40.2 31.3 17.9 2.7	58.5 16.4 1.2 15.8	41.8 44.8 2.1 8.5
Military State, local, and other government Other	.6 5.0 1.6	.8 4.9 1.7	.4 7.7 1.5	.5 3.7 1.6	.3 2.9 1.7	9.9 1.5	.1 5.3 1.6	.4 12.7 1.5	.3 5.6 1.8	1.3 5.3 1.5	.4 1.7 .8

Source: U.S. National Science Foundation, U.S. Scientists and Engineers: 1986.

#### No. 963. RESEARCH AND DEVELOPMENT SCIENTISTS AND ENGINEERS—AVERAGE FULL-TIME-EQUIVALENT EMPLOYMENT AND COST, BY INDUSTRY: 1970 TO 1985

[Data are estimates; on average full-time-equivalent (FTE) basis. See Historical Statistics, Colonial Times to 1970, series W 167, for total cost per scientist or engineer]

INDUSTRY	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Average FTE of scientists and											100		
engineers (1,000)	375.6	361.7	363.8	373.6	393.6	414.2	437.3	469.2	498.8	516.0	533.3	552.3	570.2
Chemicals 1	41.4	43.5	44.8	45.4	47.4	49.2	50.7	53.1	58.2	63.8	66.6	67.1	79.7
Machinery	00.0	51.9	54.3	55.5	56.6	59.0	61.2	65.7	72.6	76.2	75.7	76.2	
	1 2 2 2	82.6 28.6	81.5	82.2	84.3	84.7 35.5	89.8 38.5	100.7	108.4	31.0	30.7	115.7	116.8
Aircraft and missiles		69.1	67.2	69.5	77.0	84.3	86.2	90.6	93.2	93.3	96.0	100.2	105.1
Other industries	83.5	86.0	88.5	92.4	96.3	101.5	110.9	121.0	132.5	141.7	151.2	162.2	165.8
	03.0	00.0	00,0	92.4	90/3	101,5	110.0	121.0	132.5	1417	191.2	102.2	100.0
Cost per scientist or engineer					100	64.4				1000			
(\$1,000) 4	48.1	63.3	66.5	72.2	75.8	80.4	87.4	94.9	103.9	112.4	118.9	129.8	140.5
Chemicals 1	42.8	56.3	60.9	66.5	67.6	72.8	79.6	87.4	96.7	104.4	109.6	119.7	128.3
Machinery		57.5	58.9	62.8	68.6	72.6	78.9	89.9	93.9	102.9	110.9	127.0	138.6
Electrical equipment	43.9	60.7	62.7	68.6	69.9	76,8	87.2	91.1	95.3	105.8	123.2	135.4	148.3
Motor vehicles 3	59.3	86.6	88.4	100,4	108.6	113,0	121.2	134.3	146.6	162.9	173,8	195.9	209.5
Aircraft and missiles		76.4	85.1	91,3	91.3	89,4	93,3	101.6	128,4	146.4	144,3	160.5	169.4
Other industries	42.4	54.5	56.7	61.1	65.9	72.8	79.6	86.6	91.3	93.4	96.5	99.6	108.8

Includes allied products. If Includes communication. And other transportation equipment. Represents the arithmeter mean of the numbers of R&D scientists and engineers reported in each industry for January in two consecutive years divided into total R&D expenditures in each industry.

Source: U.S. National Science Foundation, Research and Development in Industry, annual.

#### CIVILIAN EMPLOYMENT OF SCIENTISTS, ENGINEERS, AND TECHNICIANS, BY OCCUPATION AND **MAJOR INDUSTRIAL SECTOR: 1986**

[In thousands. Based on sample and subject to sampling error. For details, see source]

				NAGE AND 8	ALARY W	ORKERS				ļ.
CCUPATION	Total 1	Min- ing <sup>2</sup>	Con- struction	Manufac- turing	Trans- por- ta- tion <sup>a</sup>	Trade	FIRE *	Serv- ices	Govern- ment	Self- em- ployed
ts and engineers	2,138.1	53.5	41.1	829.2	103.1	57.0	77.0	506.9	300.9	131.0
Xertisis	806.4 169.4 133.2	25.5 20.3 .3	1.4 .1 (z) (z)	141.2 56.9 16.7	24.1 2.2 .8	31.2 2.1 1.8	66.3 .6 .2	301.3 48.7 53.0	207.0 38.3 52.8	92.0 11.0 7.0
reliefsnelysts, EDP	47.6 144.7 311.4 1,331.7	.1 .3 4.5 28.0	(z) .1 1.2 39.7	6.6 (z) 61.0 688.0	1.7 1.5 17.9 79.0	(z) (z) 27.3 25.8	14.5 9.6 41.4 10.7	14.6 82.8 102.2 285.6	9.9 50.3 55.7 173.9	54.0 20.0 39.0
sers	193.2 391.5 228.7	1.7 1.0 2.2	19.4 6.3 6.6	10.4 221.0 140.5	8.0 38.9 6.4	13.4 6.2	.5 .9	77.8 77.4 51.0	74.6 32.7 13.1	8.0 9.0 4.0
ring and science icians	1,241.1	19.0	31.4	484.6	77.1	79.9	6.9	372.4	162.4	23.0
ictronice techniciens lechniciens	309.4 373.5 333.2	1.0 4.8 4.6	4.7 5.0 21.5	135.2 134.8 125.6	29.4 26.4 19.0	60.3 9.4 7.2	1.2 .8 2.6	51.3 98.7 137.4	26.2 94.9 13.2	4.0 2.0 15.0
ricians	225.0 86.5 463.6	8.5 3.7 3.3	21.3 3.8 2.2	89.0 .1	2.4 3.4 24.2	3.0 (z) 44.2	2.4 .4 68.3	87.0 52.0	28.0 22.5 36.1	2.0 8.0 15.0

then 50. Includes agriculture, forestry, and fishing not shown separately.

\* Includes oil and gas extraction.

\* Finance, Insurance, and real estate.

\* Includes kinds of engineers and interest shown separately.

. SCIENTISTS AND ENGINEERS-EMPLOYMENT IN INSTITUTIONS OF HIGHER EDUCATION, BY FIELD: 1980 TO 1985

is. As of January, includes full-time and part-time personnel. Excludes graduate students who receive stipends for part-time services as scientists or engineers. R&D=research and development]

WELD	1906	1986	1984	1986	FIELD	1906	1963	1984	1985
<b></b>	330.3	373.9	385.6	385.6	Math. and computer scientists	36.0	45.7	48.9	51.1
colleges	324.2 33.7 5.5 8.2 6.1 43.5 17.6 6.6 13.0	358.9 37.7 6.4 9.6 6.7 44.9 18.3 6.5 13.6	370.4 38.7 6.4 10.2 7.1 46.4 18.8 6.7 13.9	380.4 39.9 6.7 10.8 7.2 47.2 19.1 6.7 14.1	scientists 1 Agricultural Biological Medical Psychologists Social scientists Economists Federally funded R&D centers Engineers Scientists	133.7 15.9 44.8 67.1 23.3 54.1 14.7 15.1 6.5 8.6	45.7 151.4 16.7 48.1 74.4 23.8 55.4 15.6 15.1 6.5 8.6	156.4 17.1 49.3 76.1 23.8 56.2 15.7	51.1 161.7 17.5 50.5 78.7 23.8 56.7 15.8 15.6 9.4

other fields not shown separately.

8. PROFESSIONAL SCIENTIFIC, ENGINEERING, AND TECHNICAL PERSONNEL IN THE FEDERAL GOVERNMENT, BY OCCUPATIONAL GROUP: 1970 TO 1985

[In thousands, except percent. As of October, Excludes health professional personnel]

	1070	4075	1000		4000 1 1	*****			PERC	CENT FEM	ALE	
NAL GROUP	1970	1975	1980	1981	1983 1 2	1985 * 3	1970	1975	1980	1981	1983 1 2	1985 2 3
	180.3	188.9	206.9	207.9	216.9	238.0	6.7	6.5	9.5	10.3	11.8	13.8
sonnel	77.2 29.8	77.3 27.1	88.0 27.6	88.9 27.4	89.5 27 1	91.4 27.6	8.0 6.4	8.8 6.6	12.7 9.5	13.2 10.0	14.1 10.9	15.6 12.5
es	8.6 26.9 6.6	10.0 26.4 8.0	11.1 30.5 10.5	10.9 32.4 8.9	10.7 33.5 9.3	11.0 33.5 10.1	17.4 4.1 16.2	15.9 5.1 17.6	19.8 8.7 23.3	19.9 9.8 23.1	20.9 11.3 22.8	22.8 12.1 25.1
cial sciences	4.3	5.0	5.9 4.6	5.5 3.4	5.3 4.0	5.9 4.2	11.1 25.1	12.9	17.4 30.8	18.1	18.4 28.7	20.6
personnel ecialists	3.3 2.2 83.0 20.1	2.9 2.9 86.6 25.0	4.9 3.3 89.6 29.3	5.2 3.4 87,9 31.1	5.5 3.3 94.3 35.2	5.7 3.4 105.1 41.5	8.5 13.7 .5 21.1	7.9 14.6 7 19.1	14.8 16.8 1.9 23.3	15.7 17.5 2.3 24.7	16.6 18.8 3.6 27.9	17.0 21.4 5.3 31.4

Tennessee Valley Authority (TVA). community planning.

<sup>8.</sup> Bureau of Labor Statistics, Monthly Labor Review, September 1987 and unpublished data.

B. National Science Foundation, Survey of Scientific and Engineering Personnel Employed in Universities and Colleges,

<sup>\*</sup> Excludes Post Office. \* Data for 1985 include 4,400 personnel at TVA

I. Mellonal Science Foundation. Compiled from data supplied by the U.S. Office of Personnel Management

564 Science

No. 987. GRADUATE SCIENCE AND ENGINEERING STUDENTS IN DOCTORATE-GRANTING INSTITUTIONS, BY FIELD, ENROLLMENT STATUS, AND LEVEL OF STUDY: 1975 TO 1985

[in thousands. As of fall. includes outlying areas]

	-		STUC	ENTS E	NAOLLE	D FULL-	TIME				TUDENT	
FIELD OF SCIENCE		Total		F	irst yea	ir .	Beyo	and first	year	ENR	TIME	AHT-
	1975	1980	1985	1975	1980	1985	1975	1980	1985	1975	1980	1985
Total	210.3	230.5	249.7	79.2	77.3	77.4	131.2	153.2	172.3	83.4	103.1	121.4
Engineering	37.1 21.3 9.0	41.9 22.3 10.3	56.0 26.1 10.9	16.4 6.0 3.3	15.7 5.7 3.4	18.2 6.4 3.1	20.6 15.3 5.7	26.2 16.5 6.9	37.8 19.7 7.8	27.5 3.3 2.0	28.2 3.1 2.5	35.8 3.4 3.3
Mathematics Computer sciences	10.0	9.4 5.9	11.2	3.6	3.2	3.7 4.2	6.4 2.3	6.1 3.6	7.5 8.2	4.4 2.9	4.3 5.5	11.4
Life sciences	59.6 19.7 49.5 8.0	67.7 21.6 51.5 8.9	66.2 21.0 45.9 8.6	23.3 5.7 19.0 3.1	23.0 5.7 18.3 2.9	20.4 5.6 15.7 2.6	36.3 14.0 30.5 4.9	44.7 15.9 33.2 6.1	45.8 15.4 30.2 6.0	7.2 22.3 3.0	22.9 7.8 28.8 3.3	9.2 9.2 26.7

Source: U.S. Netional Science Foundation, Survey of Graduate Science and Engineering Studente and Postdoctorates, annual.

### No. 958. DOCTORATES CONFERRED, BY RECIPIENTS' CHARACTERISTICS, 1975 TO 1986, AND BY SELECTED SCIENCE AND ENGINEERING FIELDS, 1986

	A	LL FIELD	05					1986				
						90	Mathe- matics			Sc	ocial scie	nces
CHARACTERISTIC	1975	1980	1985	All fields 1	Engi- neer- ing	Physical sciences	and com- puter sci- ences	Psy- chol- ogy	Biologi- cal sci- ences a	Total	Eco- nomics	Other social sciences
Doctorate conferred	32,951	31,017	31,201	31,782	3,375	3,677	1,130	3,060	3,782	2,222	861	1,361
degree	81.3	80.9		(NA)	86.5	52.0	77.1		51.6		72.6	86.8
Percent distribution	100.0	100.0		100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0
Male	78.1	69.7	65.7	64.6	93.3	83.6	85.0		66.3	68.0	80.7	60.0
Female	21.9	30.3		35.4	6.7	16.4	15.0		33.7	32.0	19.3	40.0
White *	86.7	84.6		86.6	78.4	87.6	82.4	90.0	89.2	85.5	86.5	85.0
Asian *	3,6	4.2		4.3	15.1	6.1	9.8	1.4	5.1	3.8	5.6	25
Black and other 6	4.9	6.3	7.2	7.0	3.8	3.0	4.1	7.4	4.1	7.5	4.5	9.0
Not reported 5	4.8	4.9		2.1	2.7	3.3	3.7	1.2	1.7	3.2	3.4	3.1
U.S. citizens	82.1	81.0		72.1	40.7	66.1	50.4	88.9	82.2	66.2	55.1	73.3
Foreign citizens	15.9	15.9		21.0	50.6	27.6	42.0	4.6	13.3	26.6	38.3	19.2
Citizenship unknown	2.0	3.1	4.6	6.9	8.7	6.3	7.5	6.5	4.5	7.2	6.6	7.6
Median age at award " (yr.) Median total time, " baccalaure-	1.00	32.2	1	(NA)	31.0	29.9	30.7	33.0	30.8	33.4	31.5	34.6
ate to doctorate (yr.)	8,6	9.3	10.2	(NA)	8.1	7.1	8.0		8.1	10.0	8.4	11.1
Registered time (yr.)	5.9	6,3	6.8	(NA)	5.9	6.0	6.2	7.0	6.4	7.5	6.3	8.2

NA Not available.

<sup>1</sup> Biochemistry, botany, microbiology, physiclogy, zoology, and related fields.

<sup>2</sup> Biochemistry, botany, microbiology, physiclogy, zoology, and related fields.

<sup>3</sup> Anthropology, sociology, political science, and international relations.

<sup>4</sup> Data on race limited to U.S. citizens and non-U.S. citizens with permanent government vises.

<sup>5</sup> For definition of median, see Guide to Tabular Presentation.

Source: U.S. National Science Foundation, Division of Science Resources Studies.

#### NO. 969. FEDERAL SPACE PROGRAM—BUDGET AUTHORITY, BY AGENCY: 1960 TO 1984

[in millions of dollars, except percent. For fiscal years ending in year shown; see text, section 9. 1984 estimated. NASA = National Aeronautics and Space Administration]

		NAS	A 2	2		D4			NAS	A 3	D	Dept	<b></b>
YEAR	Total <sup>1</sup>	Total	Per- cent of total	Dept. of De- fense	Dept. of Com- merce	Dept. of Ener- gy <sup>a</sup>	YEAR	Total <sup>1</sup>	Total	Per- cent of total	Dept. of De- fense	Of Com- merce	Dept. of Ener- 97 <sup>3</sup>
1960 1965 1966	1,066 6,956 6,970 6,710	462 5,138 5,065 4,830	49.2 75.5 74.2 74.0	561 1,574 1,689 1,664	(x) 12 27 29	43 229 187 184	1975 1976 1977 1978	5,320 5,983 6,509	2,915 3,225 3,440 3,623	65.7 68.7 63.8 62.4	1,892 1,983 2,412 2,729	64 72 91 103	30 23 22 34
1968 1969	6,529 5,976	4,430 3,822	70.3 66.8	1,922 2,013	26 20	145 118	1979 1980		4,030 4,680	61.9 60.3	3,211 3,848	98 93	59 40
1970 1971 1972 1973 1974	5,341 4,741 4,575 4,825 4,640	3,547 3,101 3,071 3,093 2,759	70.1 69.8 72.3 70.6 65.5	1,678 1,512 1,407 1,623 1,766	8 27 31 40 60	103 95 55 54 42	1961 1982 1983 1964	12,091 15,564	4,992 5,494 6,328 6,590	55.3 45.4 40.7 37.8	4,826 6,362 9,019 10,590	87 144 178 235	41 61 30 34

X. Not applicable. Includes agencies not shown separately. Includes budget authority for the space transportation retem of \$3.1 billion in 1982; \$4.1 billion in 1983; and \$4.0 billion in 1984. See footnote 1, table 953.

Source: U.S. National Aeronautics and Space Administration, Aeronautics and Space Report of the President, ennual. Data from . Office of Management and Budget.

### NO. 970. NASA—OUTLAYS FOR OPERATIONAL ACTIVITIES AND FOR RESEARCH AND DEVELOPMENT: 1985 TO 1986

[In millions of dollars, except percent. For flecal year ending in year shown; see text, section 9. Minus sign (-) indicates decrease]

-	AGE	NCY		FORMANO		P	ERFORMA	NCE (R&D)			FACILITIE	ES (R&D)	
65	Total outlays	Per- cent change	Total oper-	Space flight	Other	Total	Space flight	Space science, applica- tions 1	Air trans- port and other	Total R&D	Space flight	Space science, applica- tions 1	Air trans- port and other
165 170 175 180 182 183 184 185	5,093 3,753 3,266 4,850 6,035 6,664 7,048 7,251 7,404	22.1 -11.7 .3 15.8 11.3 10.4 5.8 2.9 2.1	(°) (°) (°) 1,245 2,706 4,018 3,317 4,034 3,673	(°) (°) (°) 914 2,303 3,431 2,854 43,310 2,947	(°) (°) (°) 331 403 587 463 724 726	3 4,562 3 3,699 3 3,181 3,465 3,220 2,538 3,539 2,970 3,432	3,138 2,195 1,500 1,642 1,255 596 1,183 542 740	2 1,126 2 963 2 1,076 1,341 1,442 1,486 1,667 1,834 2,101	3 298 3 541 3 606 482 543 456 689 594 591	531 54 85 140 109 108 192 247 299	401 14 35 38 17 26 44 70	78 21 9 5 3 20 23 26	52 19 42 97 89 82 128 154

Represents zero. <sup>1</sup> Includes technology. <sup>2</sup> Change from 1984. <sup>4</sup> Performance (operations) included in performance (slbD). <sup>4</sup> Excludes intragovernmental funds, Federal Financing Bank, direct loan principle repayments—\$67 million in 1985.
 Source: U.S. Office of Management and Budget, Budget of the United States Government, annual.

### O. 971. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION—BUDGET SUMMARY: 1985 TO 1987 [In millions of dollars]

ITEM	1985	1986	1987	ITEM	1985	1986	1987
Budget summary, total	7,552	7,764	10,547	Commercial programs	10	27	4
booget administry, total	.,	1,104	10,041	Space transportation capability	1.4	11,731	
Research and development	2,468	2,619	3,121	development	391	404	49
sace Science and applications	1,405	1,476	1,553	Upper stages	137	122	15
Physics and astronomy	677	569	553	Engineering and technical base	106	110	13
Physics and astronomy				Payload operations and support	100	1.0	
Hubble space telescope develop	195	126	101	equipment	56	55	4
Gamma ray observatory develop	117	85	51	Spacelab	56	78	7
Shuttle/spacelab payload devel-		1.5		Advanced programs	21	19	2
op. and mission management	105	89	90	Tethered satellite system		15	1
Mission operations and data		100	0.00	Orbital maneuvering vehicle	10	5	4
analysis	109	112	126	Orbital maneuvering vehicle	-	9	4
Suborbital program	59	60	75	And the second second second second			
Explorer development	52	48	57	Aeronautics and space technology	492	496	58
Research and analysis	40	49	53	Aeronautical research and	202		7.0
nesearch and analysis	40	49	- 55	technology	342	337	41
total distriction			70	Research and technology base	223	229	27
Life sciences		66	72	Systems technology programs	1 119	109	10
Planetary exploration	291	354	358	Rotorcraft systems technology	26	21	1
Magellan	93	120	97	Numerical aerodynamic simula-	100		
Research and analysis	62	60	68	tion	27	28	1 3
Galileo development	59	64	71	Advanced propulsion systems	1		
Mars observer		34	36	technology	26	42	1
Mission operations and data	12			High-performance aircraft	22	18	3
analysis	56	67	76	Transatmospheric research and			
Ulysses		9	10	technology			
		487	569	Space research and technology	150	159	16
Space applications Environmental observations	3/4				156	200	42
Environmental observations	213	272	321	Space station	15		1
Upper atmosphere research	17.22	1.00	Civi	Tracking and data advanced systems	15	16	
satellite mission		114	114	Space flight, control and data	1		
Scatterometer	12	14	33	communication programs	3,594	3,670	5,80
Upper atmosphere research			1	Space shuttle production and	-,	444.4	
and analysis	31	33	33	operational capability	1,485	1,370	3.10
Extended mission operations	30	34	34	Orbiter		397	37
TOPEX 2		-	19	Propulsion systems		793	46
Atmospheric dynamics and ra-	100			Launch and mission support		180	14
diation research and analysis	29	26	31	Orbiter replacement		100	2.10
Oceanic processes research	2.0		0.				2,10
and analysis	19	21	19	Changes and systems upgrade	-	-	
Sono obvice receipt and	19	21	19	A contract to the second section of the section of		4.040	10
Space physics research and	1.2	20	200	Space transportation operations	1,314	1,640	1,84
analysis	17	20	21	Flight hardware	723	891	93
Earth radiation budget experi-	-			Flight operations	316	434	55
ence	8	2	2	Launch and landing operations	276	315	35
COSTR 3	-	-	5		-		
Shuttle/spacelab payload de-				Expendable launch vehicles	-	-	
velopment	8	6	12	Space and ground network, communi-			
Communications	61	96	104	cations and data systems	796	660	84
Solid earth observations	1 58	71	76	Space network		274	40
Geodynamics		32	34	Ground network		210	23
Research and analysis		17	20	Communications and data systems	184	176	20
Shuttle/spacelab payloads		22	22		104	110	-
Materials processing in space	27	31	48	Research and program man-	-	20.27	100
materials processing in space	27	18		agement	1,332	1,342	1,46
Information systems	16	18	21	The state of the s	100	133	10
afety, reliability, and quality assur-				Construction of facilities	158	133	10
ance	-	-	12	To the second se		1 1 1 1 1	

Represents or rounds to zero. ¹ includes other items not shown separately. ² Ocean topography experiment. ² Colborative Solar Terrestrial Geotali Research.

Source: U.S. National Aeronautics and Space Administration, NASA News.

566 Science

#### No. 972, NASA—PERMANENT PERSONNEL DISTRIBUTION SUMMARY: 1975 TO 1986

								1986	
CODE AND INSTALLATION	1975	1980	1982	1983	1984	1985	Total	Per- cent male	Per- cent Black
Total	24,333	22,613	21,186	21,924	21,415	21,423	21,228	74.2	8.0
Professional	15,169	14,749	14,208	14,664	14,410	14,819	14,803	82.5	5.4
Scientists and engineers, aerospace technicians	11,438	10,779	10,395	10,779	10,605	10,884	10,925	90.3	3.7
Administrators	3,504	3,539	3,462	3,569	3,526	3,675	3,656	53.9	107
Scientists and engineers, non aerospace techni-		100	100	100	1	17775	7.3	1.54	1
cians	180	377	302	264	226	209	171	90.1	6.4
Life sciences	47	54	49	52	53	51	51	72.5	3.9
Non-professional	9,164	7,864	6,978	7,260	7,005	6,604	6,425	55.0	14.0
INSTALLATION	100		100	100	1	300	100	150	1
Headquarters	1,562	1,516	1,431	1,505	1,408	1,383	1,362	56.9	21.7
Ames Research Center, CA 2	2,161	2,116	2,041	2,083	2,093	2,052	2,072	76.9	4.2
Lewis Research Center, Cleveland, OH		2,822	2,485	2,676	2,650	2,715	2,598	82.3	6.3
Langley Research Center, Hampton, VA		2,966	2,801	2,968	2,873	2,827	2,814	78.6	9.1
Goddard Space Flight Center, MD 3	4,165	3,818	3,621	3,718	3,581	3,629	3,679	73.9	9.0
Marshall Space Flight Center, AL	4,100	3,563	3,332	3,412	3,264	3,284	3,260	73.7	6.7
National Space Technology Labs, MS	. 69	103	103	111	112	122	123	66.7	8.1
Johnson, Houston, TX		3,508	3,268	3,305	3,316	3,330	3,269	71.6	7.1
Kennedy, FL	2,259	2,201	2,104	2,146	2,118	2,081	2,051	72.5	5.4

<sup>&</sup>lt;sup>1</sup> Excludes Hispanic Blacks. <sup>2</sup> Includes Flight Research Center, California. <sup>2</sup> Includes Waltops Flight Research Center, Virginia.

#### No. 973, Space Vehicle Systems-Net Sales and Backlog Orders: 1965 to 1985

[In millions of dollars. Backlog orders as of Dec. 31. Based on data from major companies engaged in manufacture of aerospace products. Excludes engines and propulsion units]

		NET SALE	:8	BAC	KLOG OR	DER8		,	WET SALE	:8	BAC	KLOG OR	DERS
YEAR	Total	MSI- tary	Non- military	Total	MSI- tary	Non- military	YEAR	Total	Mili- tary	Non- military	Total	MSI- tary	Non- military
1965 1970 1975 1980	2,449 1,956 2,119 3,483	602 1,025 1,096 1,461	1,847 931 1,023 2,022	2,203 1,184 1,304 1,814	503 786 1,019 951	1,700 398 285 863	1961 1962 1963 1964 1965	4,940 5,225	1,736 2,606 2,420 3,019 4,212	2,120 2,143 2,520 2,206 2,069	3,174 4,337 4,865 4,624 5,200	2,164 2,403 2,733 3,099 3,434	1,010 1,934 2,132 1,525 1,786

Source: U.S. Bureau of the Census, Current Industrial Reports, MA-37D, Aerospace Industry (Sales and Orders).

### No. 974. SPACE SHUTTLE SYSTEM EXPENDITURES BY NASA IN CONSTANT (1982) DOLLARS: 1972 TO 1986

[In millions of dollars. For year ending Sept. 39. These data cannot be used alone to estimate the total shuttle cost. Only operating expenditures correspond to an annual cost in the economic sense, and even those estimates require adjustment for the three-year period over which the cost of a shuttle flight is incurred and reimbursements are received. For details, see source]

YEAR	Total	D.D.T. and E <sup>1</sup>	Con- struction	Pro- duction	Oper- ations	YEAR	Total	D.D.T. and E <sup>1</sup>	Con- struction	Pro- duction	Oper- ations
1972		216 1,407 2,541 2,089 1,898	40 58 109 138 79 60 103	- - - 109 61	-	1980	2,932 3,014 3,127 2,636	1,339 1,041 894 - -	42 13 20 26 73 42	907 1,093 1,263 1,635 690 1,376 1,266	463 578 735 1,354 2,364 1,218 1,521

Represents zero. 

<sup>1</sup> Design, development, testing, and evaluation.

Source: U.S. Congress, Congressional Budget Office, Pricing Options for the Space Shuttle, March 1985 and U.S. Nettonal Aeronautics and Space Administration, NASA Budget Estimates for Fiscal Year 1989.

NO. 975. WORLD-WIDE SUCCESSFUL SPACE LAUNCHES: 1957 TO 1986 [Criterion of success is attainment of Earth orbit or Earth escape. E.S.A. = European Space Agency]

YEAR	Total 4	Sovi- et Union	Unit- ed States	Japan	E.S.A.	India	China: Main- land	YEAR	Total !	Sovi- et Union	Unit- ed States	Japan	ESA.	India	China: Main- land
Total	2,866	1,922	867	31	14	3	17	1970-1974., 1975-1979.,	555 607	405 461	139	5	i	:	2 6
1957-1959 1960-1964 1965-1969	21 268 586	6 76 302	15 192 279	-	:	1111	-	1980-1984 1985 1986	605 121	483 98	93 17 6	10 12 2 2	8 3 2	3	1 2

<sup>-</sup> Represents zero. 1 Includes launches in other countries not shown separately.

Source: U.S. National Aeronautics and Space Administration, Personnel Management Information System (PMIS), annual.



Section 21

### Transportation— Land

This section presents statistics on revenues, passenger and freight traffic volume, and employment in various revenue-producing modes of the transportation industry, including motor vehicles, trains, and pipelines. Data are also presented on commuting travel; highway mileage and finances; motor vehicle travel, accidents, sales, and registrations; automobile operating costs; and characteristics of public transit, railroads, and pipelines.

The principal compiler of data on public roads and on operation of motor vehicles is the U.S. Department of Transportation's (DOT) Federal Highway Administration (FHWA). These data appear in FHWA's annual Highway Statistics. The U.S. Interstate Commerce Commission (ICC) presents data on interstate land transport in its publications, the Annual Report to Congress and the Transport Statistics in the United States, which contain data on railroads and motor carriers subject to ICC regulations.

The U.S. National Highway Traffic Safety Administration issues data on traffic accident deaths and death rates in two annual reports: the Fact Book and the Fatal Accident Reporting System Annual Report. DOT's Federal Railroad Administration presents data on accidents involving railroads in its annual Accident/Incident Bulletin, and the Rail-Highway Crossing Accident/Incident and Inventory Bulletin.

Various censuses and surveys conducted by the U.S. Bureau of the Census also provide data. Results of the censuses of transportation are presented in the *Truck Inventory and Use Survey*. The *Annual Survey of Manufactures* and reports of the censuses of manufactures, wholesale and retail trade, and service industries contain statistics on the motor vehicle and equipment industry and on retail, wholesale, and services aspects of this industry. Data on persons commuting to work were collected as part of the 1960 census and are in various census reports.

Data are also presented in many nongovernment publications. Among them are: The weekly and annual Cars of Revenue Freight Loaded and the annual Yearbook of Railroad Facts, both published by the Association of American Railroads, Washington, DC; Bus Facts, issued annually by the American Bus Association, Washington, DC, and the Transit Fact Book, containing electric railway and motorbus statistics, published annually by the American Public Transit Association, Washington, DC. Useful annual handbooks in the field of transportation are Motor Vehicle Facts and Figures and World Motor Vehicle Data, issued by the Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, MI; Accident Facts, issued by the National Safety Council, Chicago, IL; and Transportation in America, issued by the Transportation Policy Associates, Washington, DC.

Urban and rural highway mileage.—Beginning 1980, mileage is classified in urban and rural categories, rather than municipal and rural. Urban denotes the Federal-aid legislation definition of an area. Such areas include, as a minimum, a census place with a population of 5,000 to 49,999 or a designated urbanized area with a population of 50,000 or more. These Federal-aid urban areas may extend beyond corporate and census boundaries, and thus are not necessarily coextensive with municipal boundaries. Rural in 1980 refers to non-Federal-aid urban area mileage. Prior to 1980, municipal referred to roads within incorporated places, densely populated New England towns, and certain of the more populous unincorporated areas and rural to non-municipal roads.

Federal-aid highway systems.—Federal law provides that Federal funds be matched in varying proportions with State funds for the costs of planning, engineering, right-of-way acquisition, and construction of highways. Other costs, such as maintenance and policing, are borne entirely by the States and local agencies.

Effective July 1, 1976, a uniform road classification system was implemented which shortened the mileage of the highway system and redefined the three main systems of Federal-aid routes. The Federal-aid primary system is comprised of a network of main roads important to interstate, statewide, and regional travel. The system consists of main rural roads and their extensions into or through urban areas. The Federal-aid secondary system consists of rural roads of a more local nature, such as those which connect county seats and the larger population centers not served by

the primary system. The Federal-aid urban system is located in urban places of 5,000 or more persons and consists of major urban roads and streets, except those on the primary system.

Regulatory bodies.—The ICC, created by the U.S. Congress to regulate transportation in interstate commerce, has jurisdiction over railroads, trucking companies, bus lines, freight forwarders, water carriers, coal slurry pipelines, and transportation brokers. The Federal Energy Regulatory Commission is responsible for setting rates and charges for transportation and sale of natural gas and for establishing rates or charges for transportation.

Motor carriers.—For 1960-1973, class I for-hire motor carriers of freight were classified by the ICC as those with \$1 million or more of gross annual operating revenue; 1974-1979, the class I minimum was \$3 million. Effective January 1, 1980 classI carriers are those with \$5 million or more in revenue. For 1960-1968, class I motor carriers of passengers were classified by the ICC as those with \$200,000 or more of gross annual operating revenue; for 1969-1976, as those with revenues of \$1 million or more; and since 1977, as those with \$3 million or more.

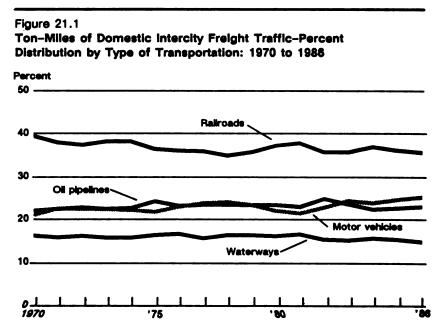
Railroads.—Railroad companies reporting to the ICC are divided into specific groups as follows: (1) Regular line-haul (interstate) railroads (and their non-operating subsidiaries); (2) switching and terminal railroads; (3) private railroads prior to 1964 (identified by ICC as "circular" because they reported on brief circulars); and (4) unofficial railroads, so designated when their reports are received too late for tabulation. For the most part, the last 3 groups are not included in the statistics shown here.

For years prior to 1978, class I railroads were those with annual revenues of \$1 million or more for 1950-1955; \$3 million or more for 1956-1984; \$5 million or more for 1965-1975; and \$10 million or more for 1976-1977. In 1978, the classification became class I, those having more than \$50 million gross annual operating revenue; class II, from \$10 million to \$50 million; and class III, less than \$10 million. Effective January 1, 1982, the ICC adopted a procedure to adjust the threshold for inflation by restating current revenues in constant 1978 dollars. In 1986, the criteria for class I and class II railroads were \$88.5 million and \$17.7 million, respectively. Also effective January 1, 1982, the ICC adopted a Carrier Classification Index Survey Form for carriers not filing annual report form R-1 with the commission. Class II and class III railroads are currently exempted from filing any financial report with the Commission. The form is used for reclassifying carriers.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to Historical Statistics of the United States, Colonial Times to 1970. See Appendix IV.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986*. For cross-references, see Appendix V.



Source: Chart prepared by U.S. Bureau of the Census. For data see table 979.

### No. 970. Passenger and Freight Transportation Outlays, by Type of Transport: 1970 to 1986

[In billions of dollars. Freight date include outlays for mail and express. ICC=Interstate Commerce Commission]

TYPE OF TRANSPORT	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986 est.
Total outlays 1	195.6	297.8	348.9	392.2	446.1	492.4	540.9	595.8	588.7	638.7	706.0	742.0	757.0
ssenger, total		187.4	221.8	248.3	279.3	307.6	336.9	373.5	377.7	409.0	455.7	483.3	489.6
rivate transportation		161.3	191.8	215.0	241.9	263.9	284.8	317.4	320.6	347.2	387.0	412.6	417.6
Automobiles 2		156.6	186.6	210.0	235.9	256.8	276.7	308.0	312.4	339.8	378.8	404.3	410.0
New and used cars		46.0	59.7	70.4	80.4	77.1	73.3	82.6	85.7	105.6	125.7	138.5	150.2
Tires, tubes, accessories		12.4	13.8	15.8	17.2	19.8	22.2	24.6	24.9	26.9	27.5	28.4	28.9
Gasoline and oil		53.9	58.6	56.7	60.3	78.3	99.7	111.3	106.3	105.9	106.7	108.1	92.5
insurance less claims		4.5	6.4	9.5	10.2	10.3	11.5	10.8	11.2	12.5	12.0	11.8	12.4
Interest on debt		7.3	8.6	10.4	12.8	15.4	17.5	21.0	21.8	19.6	25.1	24.5	25.0
Registration and operator's	1 7.7	1.0	0.0	10.4	12.0	10,4	17.0	21.0	21,0	10.0	20.	64.0	20.0
permit fees	1.9	2.3	2.7	2.8	3.0	3.1	3.3	3.5	3.8	4.1	4.5	5.3	5.6
Repair, greasing, washing,	1,00	2.0	-	0	9.0	0.1	0.0	0.0		7.5	7.0	0.0	3.0
parking, tolls 3	13.2	22.1	25.0	29.5	33.0	36.7	38.0	41.5	43.5	45.7	50.4	56.2	59.0
Air		4.7	5.2	5.6	5.9	7.1	8.1	9.4	8.2	7.4	8.2	8.3	7.6
Aircraft		1.0	1.2	1.5	1.7	2.1	2.9	3.8	2.8	1.9	2.5	2.3	2.0
Operating costs	2.3	3.8	4.0	4.1	4.2	5.0	5.2	5.6	5.4	5.5	5.7	6.0	5.6
or-hire transportation		26.2	30.0	33.3	37.3	43.3	52.2	56.1	57.1	61.8	68.7	70.8	72.0
Local 4		10.5	12.1	12.7	13.9	15.4	18.5	20.4	21.3	22.3	23.6	24.2	24.9
Bus and transit s	1.8	4.7	5.8	5.9	6.7	7.5	9.2	10.1	10.3	11.4	11.7	11.8	12.0
School bus		2.2	2.4	2.5	2.7	3.2	3.8	4.7	5.0	5.2	5.8	6.1	6.3
Taxi		3.4	3.8	4.1	4.3	4.5	5.2	5.2	5.6	5.3	5.5	5.6	5.9
Intercity		12.9	14.9	17.2	19.6	23.3	28.4	30.6	30.5	33.5	38.5	39.5	40.0
Air		11.2	13.0	14.9	17.1	20.4	25.1	26.8	26.8	29.7	33.6	35.9	36.6
Rail 6		.6	.9	1.2	1.3	1.4	1.6	1.9	1.8	1.8	1.8	1.6	1.6
Bus		1.0	1.1	1.1	1.2	1.4	1.7	1.8	1.9	2.0	2.0	2.0	1.8
International		2.7	2.9	3.4	3.8	4.6	5.3	5.3	5.4	6.0	6.6	7.0	7.1
	1	12/200		-	100		9.0	0.0	0.4	0.0	14.75	7.0	100
right, total 4	83.8	115,5	133.2	150.4	174.0	192.9	212.1	234.6	220.9	240.5	262.1	271.7	281.6
tighway	62.5	84.8	98.0	111.4	128,8	142.7	155.4	173.3	162.7	180.5	195.6	205.5	216.1
Truck, intercity	33.6	47.4	56.2	67.4	79.6	90.2	94.6	100.2	99.9	111.1	120.7	128.9	137.0
ICC regulated	14.6	22.0	26.0	31.0	36.5	41.2	43.0	47.9	44.1	46.5	52.1	54.2	58.1
Non-ICC regulated	19.0	25.4	30.2	36.4	43.1	49.0	51.6	52.3	55.8	64.6	68,6	74.7	78.9
Truck, local	28.8	37.3	41.6	43.9	49.1	52.3	60.5	72.8	62.5	69.2	74.7	76.4	78.9
Rail	11.9	16.5	19.2	20.5	21.9	24.8	27.7	30.5	27.1	27.3	30.5	29.2	27.5
Nater		7.9	8.9	10.3	12.4	13.4	14.8	15.7	15.6	16.2	17.8	18.7	18.9
Oil pipeline		2.2	2.5	3.2	5.5	6.2	7.1	7.4	7.9	8.3	8.7	8.3	8.6
Air carrier		1.8	2.1	2.4	2.7	2.8	4.0	4.3	4.4	5.0	6.0	6.7	7.2

<sup>&</sup>lt;sup>1</sup>Total outlays less than sum of passenger and freight totals, as estimated freight costs included in costs of new cars, gasoline, tires, and tubes have been excluded to prevent duplication. 

<sup>2</sup> Includes businese-owned vehicles. 
<sup>3</sup> Includes standard local government operating subsidies and pital grants. 
<sup>4</sup> Includes Federal operating subsidies and capital grants for Amtrak.

Source: Transportation Policy Associates, Washington, DC, Transportation in America, March 1987, with periodic supplements. psyright.)

#### No. 977. Personal Consumption Expenditures for Transportation: 1970 to 1986

s billions of dollars, except percent. Represents market value of purchases of goods and services by individuals and nonprofit institutions]

TYPE OF PRODUCT OR SERVICE	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Total expenditures Percent of total personal	81.5	131.2	157.1	181.5	199.9	222.0	238.5	261.5	267,6	295.4	329.5	358.8	365.3
consumption 1	12.7	13.0	13.9	14.4	14.2	14.2	13.8	13.7	13.0	13.2	13.6	13.6	13.0
er-operated transportation New autos Net purchases of used autos	21.9 5.2	119.9 29.3 8.5	144.0 38.2 11.1	166.8 44.4 12.2	183.7 48.5 13.7	203.5 49.3 14.8	216.8 46.4 14.9	238.0 50.7 17.8	243,7 53.3 19.6	270.5 66.2 21.6	301.6 77.6 30.2	329.7 86.9 34.5	335.8 101.5 33.8
Other motor vehicles	2.7	7.7	12.1	15.9	19.2	17.6	12.3	12.9	15.6	20.7	26.4	31.3	34.6
parts	6.1	10.3	11.4	12.9	13.7	15.3	16.7	19,1	20.2	21.9	23.3	25.0	25.0
ing 2		19.8 39.7 .8	22.1 43.0 .9	25.7 46.9 .9	28.0 51.3 1.0	31.1 66.1 1.0	32.3 83.7 1.1	34.8 92.7 1.1	35.4 89.1 1.2	38.4 90.2 1.2	42.8 90.0 1.3	48.3 92.6 1.3	51.8 75.3 1.4
paid	3.8	3.8	5.3	7.8	8.3	8.4	9.4	8.9	9.1	10.3	10.0	9.9	12.4
rchased local transportation 3 Fransit systems	3.0	4,0 1.9 2.0	4.4 2.0 2.2	4.8 2.1 2.4	5.1 2.2 2.6	5.6 2.4 2.9	5.8 2.4 3.1	6.2 2.7 3.2	6.4 3.0 3.0	6.5 3.1 2.9	6.9 3.4 3.0	7.1 3.5 3.1	7.6 3.8 3.3
rchased intercity transportation Airline	3.1	7.3 5.9 .7	8.6 7.1 .8	9.9 8.3 .8	11.1 9.3 .8 .9	13.0 10.9 1.0	15.9 13.4 1.2 1.3	17.3 14.5 1.3 1.5	17.6 14.7 1.3 1.6	18.4 15.3 1.2 1.9	21.0 17.5 1.2 2.2	22.0 18.3 1.2 2.5	21.9 18.1 1.1 2.7

<sup>&</sup>lt;sup>1</sup> See table 676. <sup>2</sup> Includes rental and storage. <sup>2</sup> Includes railway commutation, not shown separately. <sup>4</sup> Railway cludes commutation; "other" consists of beggage charges, coastal and inland waterway fares, travel agents' fees and airport a fares.

Source: U.S. Bureau of Economic Analysis, The National Income and Product Accounts of the United States, 1929-82, and rivey of Current Business, July issues.

#### No. 978. EMPLOYMENT AND EARNINGS IN TRANSPORTATION, BY INDUSTRY: 1970 TO 1986

[Annual averages of monthly figures. Based on Current Employment Statistics program; see Appendix III. See also Historical Statistics, Colonial Times to 1970, series Q 36-42]

SIC 1	INDUSTRY	1970	1975	1986	1981	1962	1983	1984	1985	1985
(x)	NUMBER (1,000)	2,984	2,986	2,962	2,922	2,788	2,745	2,917	3,003	3,041
40 4011	Railroads		548 496	532 482	495 457	429 398	376 348	376 345	359 323	331 294
41 421, 3	Local and interurban passengers	269	270	265	265 1,168	263 1,125	257 1,132	271 1.227	278 1,267	282 1.282
422	Public warehousing	84	84	1,189	88	84	85	91	98	100
44 45	Water transportation	352	195 363	213 453	219 455	202 444	191 455	191 469	166 522	174 570
46 47	Pipelines, exc. natural gas Transportation services	18 115	18 134	21 198	22 210	21 220	20 229	19 253	19 278	18 284
	AVERAGE WEEKLY EARNINGS (dol.)									
4011 41	Class I railroads Local and interurban passengers	(NA)	262 148	427 217	458 231	484 248	542 252	573 258	595 261	606 275
421, 3 422 46	Trucking, incl. terminals	184 121	247 171 280	366 248 441	395 266 491	401 277 536	408 288 566	415 308 597	412 315 629	415 318 637

NA Not available. Standard Industrial Classification, see text, section 13.

Source: U.S. Bureau of Labor Statistics, Employment and Earnings, monthly.

#### No. 979. Volume of Domestic Intercity Freight and Passenger Traffic, by Type of **TRANSPORT: 1970 TO 1986**

[A ton-mile is the movement of 1 ton (2,000 pounds) of freight for the distance of 1 mile. A passenger-mile is the movement of 1 passenger for the distance of 1 mile. Comprises public and private traffic, both revenue and nonrevenue. See also Historical Statistics, Colonial Times to 1970, series 01-22]

TYPE OF TRANSPORT	1970	1973	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
FREIGHT TRAFFIC (bil. ton-miles)				1									5
Total Railroads Motor vehicles	771 412 319 431	2,232 858 505 358 507 4.0	2,066 759 454 342 507 3.7	2,307 834 555 368 546 4.2	2,467 868 599 409 586 4.8	2,573 927 608 425 608 4.6	2,487 932 555 407 588 4.8	2,430 924 527 410 564 5.1	2,252 810 520 351 566 5.1	2,337 841 575 359 556 5.9	2,515 935 606 399 568 6.5	2,458 695 610 382 564 6.7	2,502 896 627 393 579 7.3
Railroads Motor vehicles Inland waterways  Oil pipelines Domestic airways  PASSENGER TRAFFIC	22 26	100.0 38.44 22.63 16.04 22.72 .18	100.0 36.74 21.97 16.55 24.54	100.0 36.15 24.06 15.95 23.67 .18	100.0 35.18 24.28 16.58 23.75 .19	100.0 36.03 23.64 16.52 23.64 .18	100.0 37.47 22.32 16.37 23.64	100.0 38.02 21.69 16.87 23.21 .21	100.0 36.00 23.11 15.60 25.16 .23	100.0 35.99 24.60 15.36 23.79 .25	100,0 37,18 24,10 15,86 22,58 ,26	100.0 36.43 24.83 15.55 22.95 24	100.0 35.80 25.10 15.70 23.10
(bil. passenger-miles) Total Private automobiles. Domestic airways * Bus * Railroads † PERCENT DISTRIBUTION	1,026	1,341 1,163 143 26 9	1,354 1,171 148 25 10	1,529 1,316 177 26 10	1,602 1,362 203 26 11	1,590 1,322 228 28 12	1,558 1,300 219 27 11	1,573 1,319 216 27 11	1,609 1,345 227 27 10	1,645 1,364 245 26 10	1,687 1,388 263 25 10	1,744 1,418 291 24 11	1,815 1,460 320 24 12
Total	86.88	100.0 86.73 10.66 1.94 .67	100.0 86.48 10.93 1.85 .74	100.0 86.07 11.58 1.70 .65	100.0 85.02 12.67 1.62 .69	100.0 83.14 14.34 1.76 .75	100.0 83.44 14.06 1.73 .71	100.0 83.80 13.72 1.72 .76	100.0 83.53 14.11 1.68 .68	100.0 82.82 14.88 1.64 .67	100.0 82.28 15.59 1.48 .65	100.0 81.31 16.68 1.38 .63	100.0 80.43 17.64 1.27

Source: Transportation Policy Associates, Washington, DC, Transportation in America, Merch 1987, with periodic supplementa (Copyright.)

<sup>&</sup>lt;sup>1</sup> Estimated by source, based on available data.
<sup>2</sup> Includes Great Lakes and inland waterways, but not coastwise, traffic.
<sup>3</sup> Revenue service only for scheduled and non-scheduled carriers, with small Section 418 all-cargo carriers included from 1978.

<sup>4</sup> Includes express. mail, and excess baggage.
<sup>5</sup> Includes general aviation (mostly private business) flying.

<sup>6</sup> Excludes school and urban transit buses.

<sup>7</sup> Includes electric railways and rail commuter service.

### NO. 980. TRANSPORTATION ACCIDENTS, AND RESULTING DEATHS AND INJURIES, BY TYPE OF TRANSPORT: 1970 TO 1986

[For motor vehicle data, see also tables 997 and 998; for railroad data, see also table 1017; for air carrier and general aviation data, see also tables 1024 and 1026]

			_			TY	PE OF TR	RANSPORT					
VF40 440	1 1				Air c	arriers		T I					
YEAR AND CASUALTY	Total (1,000)	Motor vehicle <sup>1</sup> (1,000)	Rail- road *	Total	Air- lines *	Com- muter air carri- ers *	On de- mand air carri- ers 5	General aviation <sup>e</sup>	Recreational boating 7	Gas pipe- lines	Liquid pipe- lines *	Water- borne 10	Haz- ardous mate- rials 13
Accidents: 1970 1975 1980 1981 1982 1983 1984 1985 1985 Deaths:	17,925 18,020 18,118 16,319 18,817 19,348	16,000 16,500 17,900 18,000 18,100 18,300 18,800 19,300 (NA)	8,095 8,041 8,451 5,781 4,589 3,906 3,900 3,275 2,620	(NA) 237 228 214 178 184 185 196 157	(NA) 37 19 26 19 25 18 23 25	(NA) 48 38 31 27 19 21 21 15	(NA) 152 171 157 132 140 146 152	(NA) 3,995 3,590 3,590 3,231 3,060 3,008 2,745 2,568	3,803 6,308 5,513 5,208 5,377 5,569 5,700 6,237 6,407	1,019 1,373 1,996 1,695 1,711 1,575 965 335 230	351 254 219 239 200 161 188 181 204	(NA) 3,310 4,624 3,503 3,174 4,704 3,275 3,439 2,694	(NA) 10,951 15,737 10,070 6,636 5,845 5,776 6,014 5,671
1970 1975 1980 1981 1982 1983 1984 1985 1986	48.2 54.5 52.5 47.2 45.7 44.6 47.3	52.6 44.5 51.1 49.3 43.9 42.6 44.3 43.8 46.1	785 575 584 556 512 498 598 454 474	(NA) 221 143 132 320 89 102 640 72	(NA) 124 14 234 15 4 526	(NA) 28 37 34 14 12 46 37	(NA) 69 105 94 72 62 52 77 64	(NA) 1,252 1,239 1,262 1,162 1,061 1,115 976 973	1,418 1,466 1,360 1,206 1,178 1,241 1,063 1,116 1,066	22 14 11 17 31 12 35 28 23	4 7 3 5 6 5 3	(NA) 243 206 154 223 289 113 167 63	(NA) 27 19 25 12 8 7 8
1970 1975 1980 1981 1982 1983 1984 1985	1,858 2,066 1,956 1,741 1,636	1,800 2,000 1,900 1,700 1,600 1,700 1,700	53,003 37,638	(NA) 109 74 82 98 49 67 92 54	(NA) 71 17 21 31 8 9 30 15	(NA) 6 14 24 28 12 23 16 10	(NA) 32 43 37 39 29 35 43 27	(NA) 728 675 597 620 566 595 517 542	780 2,136 2,650 2,474 2,682 2,913 2,709 2,757 2,847	347 819 310 74 220 242 229 121 106	21 17 15 22 8 9 19 17 32	(NA) 97 176 141 271 209 134 187 87	(NA) 648 626 643 130 193 257 253 315

<sup>-</sup> Represents zero. NA Not available. ¹ Data on deaths are from U.S. National Highway Traffic Safety Administration and are based on 30 day definition; see table 997. Other date are from National Safety Council. ¹ Train accidents cover only those accidents which result in demages to railroad properly exceeding amounts specified by the U.S. Federal Railroad Administration. The reporting threshold were raised from \$750 to \$1,750 in 1975; to \$3,700 in 1981; to \$4,500 in 1983; and to \$4,900 in 1985. Grade crossing accidents are also included when classified as a train accident. Deaths exclude stabilities in railroad-highway grade crossing accidents. ¹ Includes acheduled and non-scheduled (charter) air centers operating under 14 CFR 121, 125, and 127. Injuries include only serious injuries. ¹ All non-scheduled service operating under 14 CFR 135. Injuries include only serious injuries. ¹ All non-scheduled service operating under 14 CFR 135. ¹ Accidents are required to be reported to the U.S. Coast Guard whenever they result in a death; a person being injured or receiving medical treatment beyond first sict, demages exceed \$200; or a person's classippearance. ¹ Pipeline accidents/incident reports were fleet. Fetallities and injuries as reported in annual report. ¹ ¹ Pipelines carrying hazardous materials, petroleum, and liquid petroleum products. ¹ Covers accidents involving commercial vessels which must be reported to U.S. Coast Guard if there is properly damage accessing \$1,500; material damage affecting the seaworthiness or efficiency of a vesset; stranding or grounding, loss of lite; or injury causing a person's incapacity for more than 3 days. ¹ Accidents, deaths, and injuries involving paradous materials cover all types of transports incapacity for more than 3 days. ¹ Accidents, deaths, and injuries involving hazardous materials cover all types of transports incapacity for more than 3 days. ¹ Accidents, deaths, and injuries involving hazardous materials cover all types of transportstion. Transportation Systems Ce

Source: U.S. Dept. of Transportation, Transportation Systems Center, Cambridge, MA, Transportation Selety Information Report, annual.

NO. 961. FEDERAL OUTLAYS FOR TRANSPORTATION, BY FUNCTION: 1970 TO 1987
[In millions of dollars. For fiscal years ending in year shown; see text, section 9]

FUNCTION	1970	1975	1975	1979	1986	1961	1962	1963	1984	1985	1963	1967, est.
Total outleys Percent of total	7,006	10,916	15,521	17,532	21,329	23,379	20,625	21,334	23,000	25,836	28,117	27,017
outlays	3.6	3.3	3.4	3.5	3.6	3.4	2.8	2.6	2.8	2.7	2.8	2.7
cent change 1	4,678 1,408	19.0 7,027 2,387 1,430 74	4.7 10,431 3,243 1,787 61	13.0 12,115 3,355 1,969 93	21.7 15,274 3,723 2,229 104	9.6 17,074 3,814 2,381	-11.8 14,321 3,526 2,687	3.4 14,265 4,000 2,969 99	10.9 16.156 4,415 3,010 85	9.2 17,606 4,895 3,201 137	8.8 18,725 5,267 3,664 140	-3.9 17,898 5,304 3,717 130

<sup>&</sup>lt;sup>1</sup> Change from immediate prior year.

Source: U.S. Office of Management and Budget, Budget of the United States Government, annual.

### No. 982. HIGHWAY MILEAGE—URBAN AND RURAL, BY TYPE OF CONTROL, AND FEDERAL-AID HIGHWAY SYSTEM: 1955 TO 1985

[In thousands, except percent. As of Dec. 31. Beginning 1980, date for urban and rural mileage are not comparable to prior years because of classification changes; see text, section 21. See also Historical Statistics, Colonial Times to 1970, series Q 50, 51, and 55]

TYPE AND CONTROL	1955	1960	1965	1970	1975	1979	1980	1981	1982	1983	1984	1985
Total mileage 1	3,418	3,546	3,690	3,730	3,838	3,918	2 3,955	3,853	3,866	3,880	3,892	3,862
Urban mileage <sup>a</sup>	373 42 331	430 50 379	506 65 442	561 74 487	639 84 555	694 86 607	624 79 543	632 90 540	641 103 536	662 100 562	674 103 571	691 111 578
Rural mileage	63.8 620	3,116 69.5 659 2,345 112	3,183 72.3 687 2,346 150	3,169 76.1 707 2,275 188	3,199 77.6 711 2,261 227	3,224 77.5 697 2,281 244	* 3,331 77.5 702 2,270 262	3,221 86.1 726 2,236 256	3,226 85.7 825 2,140 261	3,217 86.0 817 2,138 262	3,218 87.5 818 2,134 266	3,171 88.1 773 2,173 225
Federal-aid highway system: <sup>8</sup> Primary	235 (x) (x) 514	265 10 (x) 601	269 21 (x) 640	272 32 (x) 647	266 37 65 643	303 40 124 397	300 41 124 398	298 42 129 401	298 42 134 402	300 43 137 397	300 43 140 398	301 44 144 398

X Not applicable. 

1 Prior to 1980, includes public and nonpublic road mileage; beginning 1981, includes only public road mileage as defined 23 USC 402. 

2 Includes 08,000 miles of nonpublic road mileage previously contained in other rural categories.

3 Prior to 1980, represents municipal mileage; see text, section 2:

4 Covers soll-surfaced roads with slag, gravel, stone, bituminous, or concrete surfaces.

5 Incomplete reporting from Alaska, Mileaouri, and Pennsylvania for control accounts for changes between 1981 and 1982.

6 Incomplete reporting from Alaska, Mileaouri, and Pennsylvania for control mileage open to traffic rather than total highway miles carrying interstate traffic.

Source: U.S. Federal Highway Administration, Highway Statistics, annual.

NO. 983. HIGHWAY MILEAGE—URBAN, RURAL, AND FEDERAL-AID HIGHWAY SYSTEM: 1985
[As of Dec. 31. For definition of urban, rural, and Federal-aid highway system roads; see text, section 21]

	l		FEDERA	L-AID HI	B YAWHE	YSTEM 1		l		FEDERAL-AID HIGHWAY SYSTEM 1					
	Urben	Rural	Total				STATE	Urben	Rural	Total			6		
	(1,000)	(1,000)	Primary	inter- state <sup>2</sup>	Urben	Sec- ondary		(1,000)	(1,000)	Primary	inter- state *	Urban	Sec- ondery		
U.S	000.9	3,171.0	257,413	43,593	144,066	300,248	MO	15.0	104.1	6,903	1,142	2,362	18,139		
AL	14.5	73.3	6,679	875	2,737	11,390	MT	2.3	69.2 87.2	5,478 7,227	1,169	325 1.064	4,722		
AK	1.6	10.0	1.043	1.091	233	1.839	NE	4.9 3.0	40.8	1.850	461 543	512	11,441 2,331		
AZ		66.9	3.896	1,166	2.857	3,221		3.0	+0.8	1,000	343	512	2,331		
AR	7.6	69.5	5,130	542	1,114	7,170	NH	2.4	12.1	1,136	207	714	1,233		
ČA	68.4	107.7	11,076	2,388	16,740	11,119	NJ	22.4	11.5	1,463	385	5.340	1.720		
<b></b>	<b>66.</b> 4	107.7	11,076	2,300	10,740	11,119	NM	5.4	46.2	3,566	1.000	596	3.917		
∞	10.7	65.2	4.282	924	2,259	3,405	***************************************	5.4	702	0,000	1,,000	340	٠,٠		
CT		8.9	1,260	339	2,946	902	NY	37.0	73.1	8.433	1,497	8,670	6.346		
DE		3.8	432	41	305	602	NC	17.9	75.4	4,483	795	2,624	10,312		
DC	1.1	3.5	173	12	233	802	ND	1.6	84.4	5,537	571	433	10.487		
FL		67.3	8,395	1.324	5.566	4.682	OH	30.5	82.5	6,645	1.549	7.613	11,502		
F <b>L</b>	31.7	07.3	0,363	1,324	3,300	4,002	OK	12.3	98.4	5,300	927	2,986	10,200		
GA	19.7	66.5	10.050	1,225	3,936	13.982									
н	1.4	2.6	509	37	317	448	OR	8.4	85.6	5,004	716	1,987	7,700		
O	2.5	66.7	2.665	606	724	4.178	PA	29.1	86.6	9,913	1,524	6,903	8,036		
L	31.0	103.7	9.710	1,786	6,668	12,984	RI	4.4	1.8	436	_70	896	197		
N	17.5	73.9	4,968	1,119	4,530	9,331	SC	9.0 1.7	54.2 71.5	5,607 5,799	784 677	1,157 373	8,500 11,202		
					.,,		30	1.7	71.5	3,700	0//	3/3	11,200		
IA	8.6	103.9	8,851	782	2,402	13,437	TN	13.7	70.1	6.072	1,057	3.048	5,335		
KS		123.6	8,071	816	1.559	22,569	<u> </u>	69.4	212.8	18,680	3,148	7,510	32.59		
KY	7.5	62.0	3,779	739	1,847	7,245	ÚŤ	5.1	43.4	2,630	846	847	2.50		
LA	12.4	45.9	3,156	688	2,143	7,358	VT	1.0	13.1	1,110	320	280	1.947		
ME	2.4	19.6	2,007	312	694	2,727	VA	13.8	51.7	5,463	1,027	3,266	10,167		
MD	11.6	16.0	2,195	386	2,106	1.897	WA	15.4	65.6	5.028	727	3,897	7,205		
MA		13.2	2.215	562	5.903	2.007	I ₩2	3.0	32.2	2,450	479	785	6.360		
MI		91.0	5.963	1,131	4.832	19,019	W	14.0	94.5	8,880	578	2,589	11,841		
MN	72.2	118.5	9.321	664	2.090	16,490	WY	1.6	36.6	2.983	912	499	2.287		
MS	7.0	84.7	5,693	686	1.864	11,739	VV 1	1.0	30.0	2,803	1 312	400	2,2007		

Represents zero. 
 <sup>1</sup> Highway mileage open to traffic.
 <sup>2</sup> Although the interstate system is part of the Federal-aid primary system: its mileage is shown separately.

Source: U.S. Federal Highway Administration, Highway Statistics, annual.

# 884. HIGHWAY MILEAGE—PAVEMENT CONDITION FOR URBAN AND RURAL AREAS, BY TYPE OF ROAD SYSTEM: 1978 TO 1965

y peverient condition is classified by the Present Serviceability Rating (PSR) system: which ranges from a high of 5.0 to 0.1. The reported ranges are defined as: PSR 5.0-3.5, peverients give a first class ride and exhibit few, if any, visible of surface weer. Of the quality of new or nearly new peverients. PSR 3.4-2.0, peverients have a riding quality somewhat it to that of new peverients or may even be barely tolerable at high speeds. Surfaces may show signs of cracking, and nutting. PSR 1.9-0.1, peverients show extensive wear to the point of needing resurfacing or may even complete reconstruction).

PAVEMENT CONDITION	18		TEMS	0		ARTERIA				SYST	OR ROA	D
	1978	1980	1984	1985	1978	1980	1984	1985	1978	1980	1984	1985
URBAN AREAS	-		-	-	-				-		-	
of road mileage rated— 0.1-1.9 (0.1-2.4) 1	8			7	5				,			١,
2.0-3.4 (2.5-3.4)	34	6 26 68	9 36 55	38 55	48	42	52 42	53 42	7 59 34	50	58 58	56
. RURAL AREAS	58	68	55	55	47	51	42	42	34	41	34	35
of road mileage rated—		000							100	1.		
0.1-1.9 (0.1-2.4) 1 2.0-3.4 (2.5-3.4) 1	9 28 63	5 26	8 34 58	7	6 52	6 46 48	6	4	66 25	16 55 29	11 56	46
1.5-5.0	63	69	58	33 60	42	48	50 44	51 45	25	29	33	4

I range shown in parentheses applies to interstate roads only.

#### No. 965. RECEIPTS AND DISBURSEMENTS FOR HIGHWAYS, BY TYPE: 1970 TO 1987

millions of dollars. Data compiled from reports of State and local authorities. For Federal highway trust fund receipts, disbursements, and balances, see table 473. State date include District of Columbia]

	NI	100	1		0.00		1	987, proj.	
TYPE	1970	1975	1980	1984	1985	1986	Total 1	Feder- al	State
celpts	21,747	29,160	39,715	53,822	61,506	64,267	67,560	15,176	35,526
nt income		26,921	37,604	50,518	54,957	58,989	62,510	15,176	32,526
osts on highway users *	15,311	18,578	22,559	33,279	35,599	38,743	41,864	13,033	27,976
er taxes and fees	3,732	6,605	11,808	13,379	15,127	16,030	16,669	1,120	3,190
stment income and other receipts	818	1,738	3,237	3,860	4,231	4,216	3,977	1,023	1,360
issue proceeds 3	1,886	2,239	2,111	3,304	6,549	5,278	5,050	-	3,000
emmental payments 1	(x)	(x)	(x)	(x)	(x)	(x)	(x)	-13,319	5,546
rawn from (+) or placed in (-) reserves	-912	-461	+2,080	-3,438	-4,058	-989	-933	-949	-336
nds available	20,835	28,699	41,795	50,384	57,448	63,278	66,627	908	40,736
sbursements	20,835	28,699	41,795	50,384	57,448	63,278	66,627	908	40,736
at disbursements	19,583	27,207	40,084	47,852	54,725	60,626	63,806	908	38,956
ital outlay	11.575	14,398	20,337	22,897	27,138	30,265	31,521	458	23,417
ntenance and traffic services	4,720	7,286	11,445	15,036	16,032	17,343	18,267	121	7,146
ninistration and research		1,981	3,022	3,637	4,033	4,463	4,783	329	2,996
enforcement and safety	1,303	2,413	3,824	4,625	5,334	5,950	6,447	-	3,572
rest on debt		1,129	1,456	1,657	2,188	2,605	2,788	-	1,823
retirement 3	1,252	1,492	1,711	2,532	2,723	2,652	2,821		1,780

presents zero. X Not applicable. Includes other levels of government not shown separately, udes amounts later allocated for nonhighway purposes.

3 Par value. Excludes lesue and redemption of short-term notes ding bonds. Premiums and discounts on sale of bonds and accrued interest are included with investment income and other. Redemption premiums and discounts are included with interest on debt.

4 Plus sign (+) indicates net receipt of funds ser levels of government; minus sign (-) indicates net disbursement of funds to other levels.

#### No. 958. DISBURSEMENTS OF STATE HIGHWAY FUNDS BY STATE: 1980 TO 1985

less of dollars. Comprises disbursements from current revenues or loans for construction, maintenance, interest and sel psyments on highway bonds, transfers to local units, and miscellaneous. Includes transactions by State toil authorities. See amounts allocated for collection and nonhighway purposes, and bonds redeemed by refunding. See also Historical fitts, Colonial Times to 1970, series Q 90-94]

TATE	1980	1984	1985	STATE	1980	1984	1985	STATE	1980	1984	1985
	30,049	35,623	40,891	кѕ	440	473	506	ND	143	205	199
		-	-	KY	913	807	901	OH	1,032	1,528	1,622
Gentannesser	517	651	875	LA	682	860	879	OK	461	585	668
	274	347	383	ME	164	207	238	OR	482	469	492
	365	657	778	MD	663	879	988	PA	1,557	1,989	2,340
	425	311	488	MA	704	719	786	RI	72	131	139
aranea arecatevosa	1,930	2,535	3,006	MI	997	1,299	1,275	SC	200	404	420
minimum	411	527	563	MN	611	857	980	SD	454	201	211
	393	529	565	MC	468	463	845	TN	800	710	800
MANAGEMENT OF THE OWN	160	209	234	MO	555	695	854	TX	+ 000	1,731	1,825
(Management)	57	99	142	MT	224	268	286	LET	244	327	394
Datacentane	1 261	1,242	1,647	NE	274	361	358	VT	87	130	135
***************************************	762	812		NE	169	198	241	VA	804	952	1,165
			1,115	MY				WA.	787	932	1,040
	134	153	137	NH ,	152	181	219	WA	672	516	
		201	229	NJ		903	1,229	WV			582
(Annual contract of the last	1,652	1,965	2,087	NM		386	384	WI		655	669
PROPERTY AND ADDRESS OF THE PARTY AND ADDRESS	688	755	919	NY	1,650	1,840	2,022	WY	192	277	298
(Marcelow-Added)	504	650	746	NC	807	845	986		100	100	1

NO. 987. FEDERAL GRANTS TO STATE AND LOCAL GOVERNMENTS FOR HIGHWAY TRUST FUND AND URBAN MASS TRANSPORTATION ADMINISTRATION (UMTA), BY STATE: 1986

[Year ending Sept. 30]

21		WAY FUND	UN	ATA	0.19		FUND	UN	ATA			FUND	UN	ATA
STATE	Total (mil. dol.)	Per capita (dol.)	Total (mil. dol.)	Per capita (dol.)	STATE	Total (mil. dol.)	Per capita (dol.)	Total (mil. dol.)	Per capita (dol.)	STATE	Total (mil. dol.)	Per capita (dol.)	Total (mil. dol.)	Per capita (dol.)
U.S.	13,134	54.62	3,117	12.96	KY	231	61.72	16	4.23	ND	80	117.59	1	1.62
AL		71.12	16	3,99	LA	298	66.27	32	7.01	OH	498	46.31	78	7.26
AK	128	240.40	4	7.89	ME	65	55.58	4	3.32	OK	176	53.12	- 11	3.45
AZ	246	74.28	11	3.20	MD	285	63.84	100	22.47	OR	179	66.28	53	19.68
AR	157	66.23	5	1.93	MA	165	28.28	257	44.07	PA	802	67.48	195	16.43
CA	855	31.70	439	16.27	MI	397	43.42	79	8.06	RI	80	82.50	14	14.48
CO	231	70.65	40	12.32	MN	297	70.50	22	5.25	SC	141	41.73	11	3.16
CT	190	59.44	48	15.08	MS	180	68.64	6	2.18	SD	80	113.66	2	2.25
DE	49	77.32	4	6.22	MO	340	67.08	40	7.99	TN	300	62.52	23	4.81
DC	48	76.20	118	188,46	MT	132	160.74	3	3.84	TX	931	55.84	140	8.40
FL	449	38.49	85	7.28	NE	132	82.90	14	8.64	UT	189	113.25	15	8.78
GA	397	64.98	23	3.76	NV	117	121.13	4	4,38	VT ,	60	111.24	. 1	2.37
HI	53	49.44	10	9.06	NH	59	57.58	2	2.31	VA	358	61.93	23	3.97
ID	96	95.53	2	2.15	NJ	295	38.68	199	26.11	WA	351	78.76	57	12.82
IL		50.15	277	23.94	NM	116	78.20	4	3.00	WV	234	121.88	9	4.60
IN	186	33.85	45	8.11	NY	673	37.87	492	27.68	WI	208	43.44	50	10.49
IA	176	61.57	12	4.35	NC	264	41.70	15	2.29	WY	96	188.70	1	1.44
KS	197	80.11	5	2.09	1	-	100					1		

Source: U.S. Bureau of the Census, Federal Expenditures by State for Flecal Year 1986, March 1907.

# NO. 958. STATE GASOLINE TAX RATES, 1985 AND 1986, AND MOTOR FUEL TAX RECEIPTS, 1985 [See also Historical Statistics, Colonial Times to 1970, series Q 233-234]

	STATE per gal.) cei	Re- ceipts, <sup>2</sup>		RATE 1 (	(cents al.)	Re- celpts, <sup>2</sup>		RATE 1 (		Re- ceipts,*	
STATE	1906	1996	(mil. dol.)	STATE	1906	1986	(mil. dol.)	STATE	1905	1960	(mil. dol.)
Total	20.06	(NA)	(x)	W	15	16	195	NC	12	15.5	406
Federal	9.0	9.0	(∞)	KS	11	11	150	ND	13	13	52
State	* 11.06	(MA)	13,765	KY •	10	15	192	OH	12	12	553
AL	4 13	4 13	246	LA	16	16	351	OK •	10	10	195
AK	8	8	24	ME	14	14	86	OR	10	11	126
AZ	13	16	232	MD	13.5	13.5	289	PA	12	12	803
AR	13.5	13.5	170	MA	11	11	268	R1	13	15	46
CA	9	•	1,175	M1	15	15	631	SC	13	13	246
∞	12	18	185	MN	17	17	342	SD	13	13	52
<u>CT</u>	16	17	213	MS	9	9	130	TN 7	13	17	298
DE	11	13	40	MO	7	7	209	TX	10	10	994
DC	15.5	15.5	_25	MT	15	_17	79	<u>υτ</u>	14	14	113
FL	9.7	9.7	552	NE	17.4	17.1	129	VT	13	13	36
GA	7.5	7.5	278	NV	13	13	73	VA *	11	15	401
[]I	. 11	. 11	33	NH	14	14	68	WA	18	. 18	400
D	14.5	14.5	77	NJ	6	6	313	w	10.5	10.5	101
L	13	13	643	NM	11	11	99	WI	16.5	17.5	374
IN	14	14	416	NY	8	8	492	WY	8	6	34

NA Not available. X Not applicable. ¹ In effect Dec. 31. ² Represents net receipts. ² Represents weighted average based on net gallons taxed. ⁴ Includes 2 cents per gallon inspection fee. ⁴ Trucks or combinations with more than 2 addes pay tax of 2 cents per gallon more. ⁴.06 cents per gallon is for inspection fee. ¹ Includes 1 cent per gallon inspection fee.

Source: U.S. Federal Highway Administration, Highway Statistics, annual.

#### No. 959. Public Highway Debt-State and Local Governments; 1970 to 1987

[in millions of dollars. Long-term obligations. State date are for calendar years; local date for varying flecal years. Excludes duplicated and interunit obligations. Municipal debt includes other political subdivisions urban in character. See also Historical Statistics, Colonial Times to 1970, series Q 138-147]

ITEM	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986 1	1987
Total debt issued 3	1,886	2.239	1,904	2,094	2,574	2,915	2.566	3,151	6,549	5,278	5,050
State	1,305	1,412	941	1,128	965	1,555	1,072	1,715	3,404	3,375	3,000
County and township	174	222	279	276	305	415	475	524	2.145	703	750
Municipal	407	605	684	690	1,304	945	1.019	912	1,000	1,200	1,300
Total debt redeemed 4	1.252	1,492	1,751	1,706	2,464	2.046	2,172	2,411	2,723	2,652	2,821
State	782	908	960	1,022	1,579	1,146	1,191	1.507	1,580	1,659	1,780
County and township	152	166	177	209	201	225	303	216	432	248	266
Municipal	318	418	614	475	684	675	678	688	711	745	775
Total debt outstanding	19,107	23,801	25,463	25,851	25.961	26,830		27,964	31,790	34.416	36.645
State	13,903	17,422	18,176	18,282	17.668	18.077	17.958	18,166	19,990	21,706	22,926
County and township	1,685	1,822	2.090	2,157	2.261	2,451	2,623	2,931	4.644	5.099	5.583
Municipal	3,519	4,557	5,197	5,412	6,032	6,302	6.643	6,867	7.156	7.611	8,136

<sup>&</sup>lt;sup>1</sup> Preliminary. <sup>2</sup> Projection. <sup>2</sup> Excludes refunding issues. <sup>4</sup> Excludes redemptions by refunding. Source: U.S. Federal Highway Administration, Highway Statistics, annual.

No. 900, Motor Vehicles-Summary: 1970 to 1986

ITEM	Unit	1970	1975	1980	1981	1982	1983	1984	1985	1986
PASSENGER CARS		1,79				Mai				
ar production	1,000	0.550	6717	6,376	6,253	6 070	6,781	7,773	8,185	7,829
ar factory sales	1,000	6,550	6,717	6,400	6,255	5,073	6,739	7,621	8,002	7,51
or (now) rotal pales I	1,000	8,405	8,640	8,979	8,536	7,982	9,182	10,390	11,042	11,45
ar (new), retail sales 1	1,000	7,116	7,050	6,581	6,209	5,759	6,795	7,952	8,205	8,215
pact 5	1,000	1	1 700	1,604	1,630	1,489	1,776	2.322	1,297	1,325
1 2 20000000000000000000000000000000000	1,000	1,338	2,336	1,659	1,568	1,257	1,110	1,336	2,563	2,46
3	1,000	1	1,956	1,358	1,250	1,377	1,825	1,817	1.882	1,88
fiate 3	1,000	5,778	2,058	1,957	1,757	1,641	2.071	2,484	2,464	2,540
***************************************	1,000	1,285	1,587	2,398	2,327	2,223	2.387	2,439	2,838	3.23
TRUCKS	1,000	,,200	1,50	2,000	E,UE,	-,	2,007	2,400	2,000	0,20
us production	1,000	. 704	0.020		4 000				0 400	3,49
	1,000	1,734	2,270	1,634	1,690	1,912	2,444	3,151	3,468	
us factory salesus retail sales 5	1,000	1,692	2,272	1,667	1,701	1,906	2,414	3,075	3,357	3,39
(up to 14,000 GVW) 4	1.000	1,740	2,351	2,232	1,972	2,248	2,709	3,538	3,984	4,03
(up to 14,000 GVW)	1,000	(NA)	2,076	1,964	1,747	2,064	2,521	3,261	3,700	3,76
(14,001-26,000 GVW) * y (over 26,000 GVW) *	1,000	(NA) 126	169			46	48	61	53	5
	1,000	126	106	176	152	138	141	216	231	21-
MOTORCYCLES		-	-/-							
egistrations, new 7	1,000	751	747	838	794	689	811	772	722	63
new) retail sales	1,000	1,010	940	1,070	1,065	990	1,185	1,305	1,260	1,04
vehicles	1,000	(NA)	(NA)	(NA)	(NA)	250	425	550	550	46
hicle imports	1,000	(NA)	(NA)	(NA)	(NA)	275	430	635	683	496
mports, total 9	1,000 Mil. dol	1,091	948 713	1,120	1,057	917	540 697	441 523	733 783	550 760
FOREIGN TRADE	Tem. Gorana	500	,,,,	9.50	1,514	1,110	00.	SES	700	,
	4 000			4.7		-		4.4		400
ars (new), exported 1 11	1,000	2,013	2,075	3,116	548 2,856	2,926	3,134	3,559	4,398	4,69
Federal Republic of	1,000	693	734	595	564	703	836	1,073	1,145	1,16
Federal Republic of	1,000	675	370	339	234	259	240	335	473	45
manus de la compania del compania del compania de la compania del compania del compania de la compania de la compania dela	1,000	381	696	1,992	1,912	1,801	1,871	1,949	2,527	2,619
exports	1,000	91	219	186	166	124	132	159	183	208
imports 12	1,000	166	295	747	733	697	785	1,025	1,253	1,35
	1,000	27	142	483	456	356	430	567	800	97
, new passenger cars 1	Mil. dol	3,719	7,483	16,675	17,695	20,180	23,394	29,264	36,474	45,30
1 huses new !	Mil. dol	381	620	1,985	4,217	4,453	4,848	6,541	7,734	8,50
1 13	Mil. dol	3,871	10,658	16,015	18,121	16,039	17,078	20,776	22,820	21,95
cars (new) 13	Mil. dol	822	2,852	3,932	3,928	2,867	4,208	4,876	6,027	6,25
d buses (new) 13	Mil. dol	636	2,305	2,977	3,247	2,642	2,130	2,479	2,789	2,95
accessories 14	Mil. dol	2,413	5,501	9,106	10,946	10,530	10,740	13,421	14,004	12,74
ES IN USE AND RETIRED	J		U.Sen	1		1000	100	1	7.00	1
total	Million	80.4	95.2	104.6	105.8	106.9	109.0	112.0	114.7	117.
Bars	Million	24.4	25.8	26.8	24.2	21.5	20.7	22.0	24.8	27.
***************************************	Million	24.9	27.0	25.5	28.8	29.9	28.8	26.8	23.9	22.
and the same of th	Million	18.4	22.0	25.2	23.0	22.2	23.5	26.8	27.8	26.
5 mingrammon management	Million	7.7	13.9	14.6	16.0	17.9	18.9	17.4	17.2	18.
ind over	Million	4.9	6.6	12.5	13.9	15.4	17.0	19.0	21.0	21.
ge from use 18 e, total	Years	5.6	6.0	6.6	6.9	7.2	7.4	7.5	7.6	7.
from use 18	1,000	7,461	5,669	8,405	7,542	6,921	6,243	6,675	7,729	8,44
e, total	Million	17.7	24.8	35.2	36.1	37.0	38.1	40.1	42.4	44.
ears	Million	4.7	6.9	8.8	7.3	5.6	5.9	7.2	9.0	11.
/	Million		5.8	8.1	9.7	10.7	9.5	8.0	6.3	6.
Delintation and a 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	Million	3.0	4.4	7.4	7.1	7.1	7.7	9.2	10.2	8.
)	Million		3.2	4.4	4.9	5.7	6.5	6.2	6.2	6.
ind over	Million	3.9	4.4	6.5	7.2	7.9	8.5	9.6	10.7	11.
d from use 15	Years	7.3 837	6.9 908	1,732	1,519	1,459	1,491	1,602	2,100	2,31
ID BATTERIES SHIPMENTS	1,000	03/	900	1,732	1,519	1,459	1,491	1,002	2,100	2,31
nger car, total 16	Million	168.6	167.0	145.9	165.3	167.5	182.0	201.6	200.9	202.
mger car, total	Million	2.9	61.5	83.5	108.6	115.9	133.4	156.6	164.7	174
ent.,,	Million	129.6	122.5	106.9	125.3	130.5	134.0	144.6	141.5	144
and bus, total 16	Million	25.7	27.3	31.1	35.8	33.8	36.9	40.8	41.1	40.
100000 1000	Million	(NA)	.8	3.8	9.2	10.4	13.4	16.0	19.7	21.
ent	Million	16.7	19.8	24.4	28.5	28.1	30.3	31.7	32.1	32
tal 17	Million	46.9	52.9	61.6	65.5	64.6	69.0	74.7	74.0	75.
		40.0	JE. 0	0.0		0.0	1 00.0		1 77.0	7.454
ent automobile batteries	Million	37.9	39.3	50.1	53.6	54.2	56.1	59.3	58.7	60.

Illable. <sup>1</sup> Based on data from U.S. Dept. of Commerce. <sup>9</sup> Includes domestic models produced in Canada 
<sup>9</sup> Sourcer Board of Governors of the Federal Reserve System, unpublished data. Represents total auto sales 
of a Automotive Reports. Criteria by which each year's car models are grouped into the major size categories very 
olitecting data. Data shown here follow Automotive News classifications. Beginning 1980, cars produced in U.S. by 
clurers are included. <sup>9</sup> Excludes domestic models produced in Canada. <sup>9</sup> Excludes motorcoaches and 
foreign menufacturers. Beginning 1975, includes imports sold by franchised dealers of U.S. menufacturers are uncluded. <sup>9</sup> Source: R.L. Polik & Company, Detroit, Mil, New Motorcycle Registrations by 
see Otishoma; 1984, excludes New York. Reproduction prohibited without Polik permission. <sup>9</sup> Estimates by 
satisfy Council Inc., Costa Mess, CA. Includes all-terrain vehicles and scooters. Excludes mopede/motorized biocycle Industry Council, Inc., Costa Mess, CA. Data from U.S. Dept. of Commerce. Excludes mopede/motorized 
Ferrain vehicles. <sup>10</sup> Dutable value for customs purposes prior to 1980 thereafter, c.l.<sup>1</sup> value. <sup>11</sup> 1970—
seembled and unassembled vehicles. <sup>14</sup> Includes chassis. <sup>15</sup> Includes other countries, not shown separately. 
<sup>16</sup> Por years. <sup>16</sup> Programs and tubes and used vehicles. <sup>16</sup> For years. <sup>18</sup> Includes original equipment. Also Includes apports. <sup>17</sup> Source: 
International, Chicago, IL.

Notor Vehicle Menufacturers Association of the United States. Inc., Detroit, MI. Motor Vehicle Facts 
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sept as noted, Motor Vehicle Menufacturers Association of the United States, Inc., Detroit, MI, Motor Vehicle Facts ninual; and World Motor Vehicle Data, annual.

No. 991. MOTOR-VEHICLE REGISTRATIONS, 1970 TO 1986, AND DRIVERS LICENSES, 1986, BY STATE

[In thousands, except as Indicated. Motor vehicle registrations cover publicly, privately, and commercially owned vehicles. For uniformity, figures have been adjusted to a calendar-year basis as registration years in States differ; figures represent net numbers where possible, excluding re-registrations and nonresident registrations.

			AUTO	MOBILES,	TRUCKS,	AND BUS	ES 1			MOTORO	YCLES 1	DRIVE	
								1986, est		1986	official) , est.	1986,	est.
STATE	1970,	1975,	1980,	1983,	1984,	1905,		Autom (incl.			Per		Per
	total	total	total	total	total	total	Total	Total	Per 1,000 popu- lation <sup>2</sup>	Total	1,000 popula- tion *	Total <sup>3</sup>	cen
U.S	108,419	132,949	155,796	163,749	166,249	171,654	176,532	135,671	563	5,358	22	158,594	52
AL	1,966	2,493	2,938	3,145	3,202	3,338	3,461	2,417	596	58	14	2,484	52
AK AZ	139	226	262	350	368	353	348	217	406	9	17	302	56.
AZ AR	1,093	1,459	1,917	2,289	2,111	2,235 1,384	2,353	1,662	501 396	84	25 13	2,394 1,767	54.
CA	11,901	13,891	16,873	1,442	17,965	18,899	1,435 19,703	15,384	570	677	25	17.822	52
CO	1,442	1,925	2,342	2,649	2,754	2,759	2,769	2,027	620	107	25 33	17,822	53.
CT	1,733	1,949	2,147	2,305	2,366	2,465	2,537	2,377	745	58	18	2,335	51.
DE	312	351	397	427	459	465	485	383	605	11	17	454	51.
DC	257	255	268	295	305	326	345	328	524	4	6	394	55.
FL	4,120	5,395	7,614	8,808	9,394	9,865	10,349	8,142	697	226	19	8,088	51.
GA	2,584	3,211	3,818	4,208	4,460	4,580	4,686	3,375	553	115	19	3,957	51.
Н	405	462	570	610	638	651	672	589	555	18	17	604	54.8
ID	488	647	834	877	849	854	862	528	527	48	48 19	706	52.0
IL	5,238 2,818	6,344 3,315	7,477 3,826	7,513 3,852	7,598 3,950	7,727 4,024	7,785 4,090	6,137 3,035	531 551	221 130		7,026 3,616	50.
A	1,790	2,099	2,329	2,479	2,443	2,696	2,764	1,988	697	274	24 96	1,878	49.
KS		4 005	0.007	0040	0.100			4 400	606	94	38		50.
KY	1,548	1,805 2,245	2,007 2,593	2,048	2,122 2,590	2,148	2,171 2,641	1,490	477	38	10	1,652 2,273	52
LA	1,742	2,188	2,779	2,877	2,958	3,012	3,054	2,079	462	55	12	2,789	51.
ME	510	648	724	766	800	840	861	641	546	44	38	817	50.
MD	1,872	2,423	2,803	3,011	3,193	3,276	3,359	2,771	621	63	14	2,954	51.
MA	2,575	3,107	3,749	3,840	3,788	3,738	3,737	3,264	560 630	124	21	3,824	51.
MN	4,569 2,207	5,545 2,525	6,488 3,091	6,295 3,239	6,369 2,968	6,727 3,385	7,187 3,548	5,762 2,744	651	214 175	23 42	6,307 2,502	50.
MS	1,117	1,377	1,577	1,560	1,669	1,746	1,810	1,375	524	25	10	1,834	53.
MO	2,408	2,866	3,271	3,433	3,521	3,558	3,593	2,648	523	78	15	3,424	51.
MT	485	611	680	829	685	652	628	382	466	24	29	588	54.
NE	974	1,165	1,254	1,235	1,257	1,257	1,262	842	527	40	29 25	1,089	51.
NV	355	464	655	730	745	709	696	502	521	18	19	714	52.
NH	390 3,586	485	704	803	870 4,896	4,909	1,019	854	832 581	128	17	754 5,904	51. 52.
NM	637	4,155 827	4,761 1,068	4,941 1,237	1,220	1,176	4,926 1,155	4,428 732	495	41	28	1,005	52
NY	6,718	7,591	8,002	8,417	8,644	9,042	9,373	8,185	461	253	14	9,967	54.
NC	2,826	3,690	4,532	4,603	4,369	4,450	4.536	3,314	523	67	11	4,196	51.
ND	428	551	627	666	691	655	649	376	554	29	43	448	51.
OH	5,974	7,179	7,771	7,768	7,894	8,102	8,331	6,972	648	279	26	7,329	51
OK	1,713	2,113	2,583	2,769	2,781	2,864	2,915	1,915	579	105	32	2,279	50.
OR	1,369	1,628	2,081	2,121	2,183	2,204	2,223	1,561	579	84	31	1,940	52
PA	5,818	7,659	6,926	6,844	7,081	7,209	7,340	5,980	503	215	18	7,631	53.
RISC	1,360	1,772	1,996	598 2,058	622 2,128	2,222	2,276	1,715	530 508	27 39	28 12	626 2,166	51.
SD	426	521	601	629	643	650	677	429	606	35	49	485	51.
TN	2,050	2,727	3,271	3,537	3,569	3,754	3,914	3.070	639	105	22	3,071	51.
TX	6,693	8,396	10,475	11,693	12,172	12,444	12,612	8,606	516	273	16	10,755	52
UT.	664	845	992	1,074	1,090	1,099	1,105	733	440	52	31	989	50.
VT	229	287	347	367	377	398	418	315	582	21	39	394	52.
VA	2,263	3,251	3,626	3,894	4,047	4,253	4,463	3,838	663	84	15	3,861	50
WA	2,102	2,540	3,225	3,338	3,430	3,526	3,767	2,652	594	136	30	3,014	51.
WI	2,182	966 2,591	1,320	1,175	1,107	1,143	1,239	860 2,528	448 528	32 206	17 43	1,308	53.
WY	2,162	337	467	502	494	500	507	2,528	564	19	37	312	53.

<sup>&</sup>lt;sup>1</sup> Excludes vehicles owned by military services. <sup>2</sup> Based on resident population as of July 1. <sup>2</sup> Estimated from data reported by States for current and previous years; allowance has been made for deaths, emigration, or revocation by some States.

Source: U.S. Federal Highway Administration, Highway Statistics, annual; and Selected Highway Statistics and Charts, annual.

192. MOTOR VEHICLES—REGISTRATIONS, FACTORY SALES, AND RETAIL SALES: 1950 TO 1986 ign (-) indicates decrease. For definition of everage annual percent change, see Guide to Tabular Presentation. See also Historical Statistics, Colonial Times to 1970, series Q 148-155]

	RE	GISTRATIO	NS <sup>1</sup>	Motor-	FA	CTORY SA (1,000)	LE8		ENGER CA		AVERAGE A PERCENT CH	
R	Total cars, trucks, buses	Pas- senger cars <sup>3</sup>	Trucks and buses	cycle registra- tions <sup>1</sup> (1,000)	Total cars, trucks, buses	Pas- senger cars	Trucks and buses *	Total	Do- meetic	lm- ports	Registra- tions *	Retail sales
	49.2	40.4	8.8	454	8,003	8,666	1,337	(NA)	(NA)	(NA)	* 7.4	(NA)
	62.7	52.1	10.6	412	9,189	7,920	1,249	7,466	7,408	58	5.0	(NA)
	73.9	61.7	12.2	574	7,869	6,675	1,194	8,641	6,142	499	3.3	-23
	90.4	75.3	15.1	1,382	11,057	9,306	1,752	9,332	8,763	589	4.1	7.0
	96.9	60.4	16.5	1,953	8,976	7,437	1,539	8,337	7,568	769	3.5	-5.5
	100.9	83.6	17.3	2,089	10,718	8,822	1,896	9,659	8,625	1,031	4.1	15.8
	105.1	66.9	18.2	2,316	10,147	8,224	1,923	9,583	8,464	1,118	4.2	8
	108.4	89.2	19.2	2,824	8,239	6,547	1,692	8,405	7,119	1,265	3.2	-12.3
	113.0	92.7	20.3	3,344	10,638	8,585	2,053	10,250	8,881	1,568	4.2	22.0
	118.8	97.1	21.7	3,760	11,271	8,824	2,447	10,950	9,327	1,623	5.1	6.8
	125.7	102.0	23.7	4,371	12,637	9,658	2,980	11,439	9,676	1,763	5.8	4.5
	129.9	104.8	25.1	4,966	10,059	7,331	2,727	8,867	7,454	1,413	3.4	-22.5
	132.9	106.7	28.2	4,964	8,965	6,713	2,272	8,640	7,053	1,587	2.3	-2.6
	136.5	110.2	28.4	4,933	11,480	8,500	2,979	10,110	8,611	1,499	4.2	17.0
	142.1	112.3	29.8	4,881	12,642	9,201	3,441	11,165	9,109	2,076	2.6	10.6
	148.4	116.6	31.8	4,869	12,871	9,165	3,706	11,312	9,312	2,000	4.4	1.1
	151.9	118.5	33.4	5,422	11,456	8,419	3,037	10,671	8,341	2,329	2.4	-5.7
	155.8	121.6	34.2	5,894	8,067	6,400	1,867	8,979	6,581	2,396	2.6	-15.9
	158.3	123.1	35.2	5,831	7,966	6,255	1,701	8,536	6,209	2,327	1.6	-4.9
	159.6	123.7	35.9	5,754	6,955	5,049	1,908	7,962	5,759	2,223	.8	-6.5
	163.9	126.2	37.7	5,585	9,153	8,739	2,414	9,162	8,796	2,387	2.7	15.0
	166.2	126.1	38.1	5,480	10,606	7,621	3,075	10,391	7,952	2,439	1.6	13.2
	171.7	131.9	39.6	5,444	11,359	8,002	3,357	11,042	8,204	2,838	3.3	6.3
	7 176.5	7 135.7	7 40.9	7 5,368	10,909	7,516	3,393	11,453	8,215	3,238	2.9	3.7

tot evallable. 

<sup>1</sup> Excludes Alseka and Hewell prior to 1880. Includes publicly owned vehicles. Excludes military services' 

<sup>8</sup> Includes taxis. 

<sup>9</sup> Includes standard equipment. 

<sup>4</sup> From prior year shown. 

<sup>6</sup> Excludes motorcycles. 

<sup>9</sup> Excludes motorcycles.

# . 983. MOTOR VEHICLE OUTPUT AND TRADE IN NATIONAL INCOME ACCOUNTS: 1970 TO 1986 Blone of dollars, except percent. Vehicle output equals final dollar sales value of new vehicles, plus not dollar value of used vehicle sales, adjusted for changes in inventories and net balance of vehicle exports and imports]

			CURR	ENT DO	LLARS				C	ONSTAN	T (1982	DOLLAR	S	
			Vehicle	output		Veh	icle			Vehicle	output	1.50	Veh	icle
R	GNP 1	Total	Per- cent of GNP	Auto	Truck	Ex- port value	im- port value	GNP 1	Total	Per- cent of GNP	Auto	Truck	Ex- port value	im- port value
	1,016 1,103 1,213 1,359 1,473	36.8 49.3 55.0 63.1 57.7	3.6 4.5 4.5 4.6 3.9	28.5 38.9 41.4 46.0 38.8	8.3 10.4 13.6 17.1 18.9	1.4 1.8 2.0 2.7 3.7	4.4 5.9 6.8 7.8 8.8	2.416 2.485 2.609 2.744 2,729	73.2 93.6 104.2 119.4 103.7	3.0 3.8 4.0 4.4 3.8	53.1 69.8 73.9 82.0 65.4	20.1 23.8 30.3 37.4 38.3	3.0 3.5 4.0 5.3 6.7	11.8 14.8 16.0 17.2 17.5
	1,598 1,783 1,991 2,250 2,508	56.7 78.3 95.1 105.1 104.0	3.5 4.4 4.8 4.7 4.1	40.3 55.2 64.3 68.3 66.9	16.4 23.1 30.8 36.8 37.1	5.1 5.4 5.6 6.5 8.0	8.4 11.0 13.3 17.4 18.6	2,695 2,827 2,959 3,115 3,192	90,9 118.0 135.7 138.6 128.1	3.4 4.2 4.6 4.4 4.0	61.8 80.1 88.7 87.3 80.2	29.1 37.9 47.0 51.3 47.9	8.5 8.3 8.1 8.7 10.0	14.9 18.2 20.3 23.7 22.8
0000000	2,732 3,053 3,166 3,406 3,772 4,010	84.4 96.6 94.3 123.6 156.3	3.1 3.2 3.0 3.6 4.1	60.1 69.4 66.5 88.6 105.1	24.3 27.2 27.8 35.0 51.2	7.1 7.2 5.4 6.2 7.3	20.9 22.6 25.5 29.5 38.9 45.5	3,187 3,249 3,166 3,279 3,501 3,608	95.2 102.1 94.3 119.8 146.2	3.0 3.1 3.0 3.7 4.2	67.1 73.3 66.5 85.9 98.5	28.1 28.8 27.8 33.9 47.7	8.1 7.6 5.4 6.0 6.9	23.5 23.4 25.5 28.6 36.7
100mm	4,235	177.B	4.2	119.4	58.4	9.3	55.5	3,713	156.9	4.2	106.4	50.5	8.0	46.0

definition of gross national product (GNP), see text, section 14.

k. Registrations—U.S. Federal Highwey Administration, Highwey Statistics, annual; seles—Motor Vehicle Manufacturers ion of the United States, Inc., Detroit, Mt, MVMA Motor Vehicle Facts and Figures, annual.

It U.S. Bureau of Economic Analysis, The National Income and Product Accounts of the United States, 1929-82, and if Current Business, July Issues.

NO. 994. NEW TRUCKS-RETAIL SALES, BY WEIGHT CLASS AND TYPE: 1980 TO 1986

			NUMBER	(1,000)			!	PERCENT	CHANGE	_
WEIGHT CLASS AND TYPE	1906	1902	1902	1984	1986	1906	1983- 1982	1983- 1984	1984- 1985	1905- 1906
0 to 6,000 pounds, total	986	1,102	1,314	2,031	2,408	2,541	19.3	54.6	18.6	8.1
Utility		51	254	370	429	382	400.3	45.7	15.9	- 10.0
Pickup, cartype		25	28	26	24	24	3.4	-1.8	- 5.0	-14
Pickup, compact		454	488	613	866	757	7.4	25.6	13.4	8.9
Domestic		359	433	560	625	679	20.6	29.4	11.6	8.9
Import	229	95	55	53	70	79	-42.1	-4.1	32.9	11.1
Van	79	75	67	121	115	112	-9.7	80.4	-5.3	-22
Mini van	(x)	(x)	(Z)	24	103	110	(x)	1,317.2	335.1	6.0
Station wagon (truck chassis)	(x)	(x)	8	62	88	96	(x)	634.1	36.9	14.
Mini passenger carrier	(x)	888	8	189	301	460	888	1,964.8	78.3	52.1
6,001 to 10,000 pounds	975	961	1,207	1,224	1,200	1,214	25.5	1.5	4.6	-5
Utility	108	76	84	103	108	101	10.5	22.2	4.4	-67
Van	172	207	311	265	281	261	50.0	-14.8	-1.5	
Pickup, conventional		485	574	573	826	582	18.4	2	9.7	-7.
Station wagon (truck chassis)		55	89	66	95	96	26.3	25.0	9.9	4.1
16,001 pounds and over	2,232	2,248	2,700	3,538	3,984	4,031	20.5	30.6	12.6	1.1

X Not applicable. Z Less than 500.

Source: Motor Vehicle Manufacturers Association, Motor Vehicle Facts and Figures, annual.

No. 995. RECREATIONAL VEHICLES-Number and Retail Value of Shipments: 1970 to 1986

			NUMBER (1,	000)			RET	AIL VALUE (	nil. dol.)	
YEAR	Total	Motor- ized homes	Travel trailers	Folding camping trailers	Truck campers	Total	Motor- ized homes	Travel trailers	Folding camping trailers	Truck
1970	380.3	30.3	138.0	116.1	95.9	1,122	318	445	175	183
1973	528.8	129.0	212.3	97.7	89.8	2,322	1,153	843	160	167
1974	295.8	68.9	126.3	55.2	45.4	1,392	624	567	109	90
1975	339.6	96.6	150.6	48.1	44.3	2,320	1,251	856	101	112
1976	541.1	256.1	189.7	53.3	42.0	4,284	2,923	1,132	117	112
1977	533.9	280.2	167.9	53.9	31.9	5,327	3,876	1,229	123	96
1978	526.3	293.6	159.8	48.2	24.7	5,683	4,329	1,153	116	85
1979	307.7	172.6	90.2	31.1	13.8	3,538	2,682	725	83	41
1980	181.4	99.9	52.0	24.5	5.0	1,952	1,381	485	69	1
1981	239.1	135.2	63.8	35.0	5.1	2,775	2,019	631	105	20
1982	258.0	152.5	65.5	34.3	5.7	3,505	2,701	666	110	21
1983	358.0	223.7	90.0	37.5	6.8	6,324	5,099	1,067	122	3
1984	398.2	257.3	92.4	40.9	7.6	7,733	6,262	1,157	266	21 21 30 41
1985	359.2	233.5	82.9	35.9	6.9	7,029	5,724	1,122	137	4
1986	379.5	249.6	86.0	36.5	7.4	7.564	6,155	1,213	144	5

Source: Recreation Vehicle Industry Association, Reston, VA, RVs... The Family Camping Vehicle, A Year-End Report/1888.

Data also in Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, MI, Motor Vehicle Facts and Figures, annual.

# No. 996. MOTOR VEHICLE SAFETY DEFECT RECALLS, BY DOMESTIC AND FOREIGN MANUFACTURERS: 1975 TO 1986

[Covers manufacturers reporting to U.S. National Highway Traffic Administration under section 151 of National Traffic and Motor Vehicle Safety Act of 1986, as amended]

MANUFACTURER	Unit	1975	1977	1978	1979	1906	1991	1982	1986	1984	1905	1986
Motor vehicles:												
Total recall	1		l				l					1
	Number	217	246	271	276	167	156	136	140	164	173	174
	Number	190	195	199	216	129	128	107	110	127	137	136
Foreign Total vehicles	Number	27	51	72	57	38	26	26	30	37	36	35
receiled								4 644				
	1,000	2,100	12,923	9,003	8,919	4,963 3,939	9,406	1,914	6,114	7,230 6,263	5,829 4,995	1,731
Domestic	1,000	1,829	10,693	7,921	8,997	3,939	7,379	1,401	3,090	0,263	4,995	1,73
Vehicles recalled by			l .			1	l I		l	l '	l	i
4 leading auto	1		l						l	1		í
menufacturers	1,000	1,602	10,331	7,670	6,986	3,730	7,247	1,324	3,021	8,146	4,811	1,301
Foreign	1,000	280	2,230	1,141	1,922	924	2,026	513	3,024	937	634	1,146
Motor vehicle tires:			1	ł			1	1			1	1
Recall campaigns 1	Number	22	35	31	42	24	25	17	21	16	19	14
Tires recalled	1,000	72	471	14,666	235	7.070	125	131	95	81	28	164

<sup>&</sup>lt;sup>1</sup> A recall campaign is the notification to the Secretary of the U.S. Dept. of Transportation and to owners, purchasers, and dealers, of a motor vehicle safety defect.

Source: U.S. National Highway Traffic Safety Administration, Motor Vehicles Defect Recall Campaigns, annual.

#### No. 997. MOTOR VEHICLE ACCIDENTS-Number and Deaths: 1970 to 1986

[See also Historical Statistics, Colonial Times to 1970, series Q 208 and Q 224-232]

ITEM	Unit	1970	1972 1	1975	1980	1981	1982	1983	1984	1985	1986
Motor vehicle accidents *	Million	16.0	17.0	16.5	17.9	18.0	18.1	18.3	18.8	(NA)	INA
Cars			24.5	22.5	22.8	22.9	23.2	23.5	25.2	25.6	INA
Trucks	Million	3.2	3.5	3.8	5.5	5.6	5.8	5.8	6.3	6.1	INA
Motorcycles	1.000	305	343	372	560	540	550	530	570	480	INA
Motor vehicle deaths within 1 yr.3	1,000	54.6	56.3	45.9	53.2	51.4	45.8	44.4	46.2	45.6	47.8
Noncollision accidents	1,000	15.4	15.8	12.7	14.7	14.2	12.6	12.2	12.6	12.9	13.6
Collision accidents:	1000	0.25	102.0	1000	1	3.71-2		1	1.010	1	7-2-1
With other motor vehicles	1.000	23.2	23.9	19.5	23.0	22.2	19.8	19.2	20.3	19.9	20.9
With pedestrians	1,000		10.3	8.4	9.7	9.4	8.4	8.2	8.6	8.4	8.2
With fixed objects	1.000		3.9	3.1	3.7	3.6	3.2	3.1	3.0	2.7	3.2
Deaths within 30 days 4	1,000	52.6	54.6	44.5	51.1	49.3	43.9	42.6	44.3	43.8	46.
Vehicle occupants	1,000	40.6	41.4	32.8	36.8	35.5	31.2	30.6	31.9	31.5	33.7
Pedestrians	1,000	9.0	9.2	7.5	8.1	7.8	7.3	6.8	7.0	6.8	6.8
Motorcyclists 1	1,000	2.3	3.0	3.2	5.1	4.9	4.5	4.3	4.6	4.6	4.6
Bicyclists	1,000	.8	1.0	1.0	1.0	.9	.9	.8	.8	.9	
Fraffic death rates: 4 8		1	7.00		10.00	1				1	
Per 100,000 resident		1.50	1 2		1	1	100			7.3	
population	Rate	25.8	26.2	20.7	22.6	21.5	19.0	18.2	18.7	18.4	19.
Per 100,000 registered	1.1000 11.311111111			-		2.00	1,410	1000	100	1,41.0	1
vehicles	Rate	47.3	44.5	32.3	31.6	30.0	26.6	25.1	25.7	24.8	25.3
Per 100 million vehicle miles	Rate		4.3	3.4	3.3	3.2	2.8	2.6	2.6	2.5	2.5
Per 100,000 licensed drivers	Rate		46.1	34.3	35.2	34.1	29.2	27.6	28.5	27.9	29.0
Motor vehicle accidents *	Million	22.1	24.9	24.9	24.1	28.3	28.5	29.4	30.9	32.5	33.3
njuries 7	1,000	4,983	5,190	4,978	5,230	5,019	4,490	4,665	4,850	5,044	5,300
Economic loss 7 6	Bil. dol		28.7	36.1	57.1	58.7	60.2	62.7	69.0	76.0	80.0

NA Not available. <sup>1</sup> Represents peak year for deaths from motor vehicle accidents. <sup>2</sup> Covers only accidents occurring on the road. <sup>3</sup> Deaths that occur within one year of accident, includes collision categories not shown separately. <sup>4</sup> Within 30 days of accident. Source: U.S. National Highway Traffic Salesty Administration, unpublished data from Fatal Accident Reporting System. <sup>3</sup> Includes motor accolers and motorized bicycles (mopacis). <sup>4</sup> Saurce: Insurance Information Institute, New York, NY, Insurance Facts. Estimates based on official reports from a representative cross-section of States, includes all motor vehicle accidents on and off the road and all injuries regardless of length of disability, 1965 data for economic loss based on information from the National Center for Health Statistics, National Health Survey. <sup>8</sup> Wage loss; legal, medical, hospital, and funeral expenses; insurance administrative costs; and property damage. Source: Except as noted, National Salety Council, Chicago, IL, Accident Facts, annual. (Copyright.)

#### No. 996. DEATHS FROM MOTOR VEHICLE ACCIDENTS. BY STATE: 1970 TO 1985

[Data differ from table 997 because data are based on date of death, not date of accident. Data reflect State where death occurred. Includes deaths of nonresidents of U.S. Beginning 1990, deaths classified according to the ninth revision of the *International Classification of Diseases*, for earlier years classified according to the revision in use at the time; see text, section 2. Data based on Vital Registration System, see Appendix III. For composition of regions, see fig. 1, inside front cover]

REGION, DIVISION, AND STATE	1970	1972 1	1975	1980	1984	1985	DIVISION AND STATE	1970	1972 1	1975	1980	1984	1985
u.s	54,845	56,528	46,032	53,476	46,517	46,159	S.A	9,796	10,600	8,358 129	9,767	9,233	9,389
Region:			100	11177			MD	809	852	686	822	659	766
Northeast.	8,850	8,992	7,431	8,255	6,812	6,797	DC	140	100	91	79	101	96
Midwest		14,670	11,293	12,244	9,779	9,760	VA	1,251	1,256	1.069	1.111	1,048	1,021
South		21,964	18,029	21,014	19,508	19,250	WV	561	578	499	583	463	461
West		10,902	9,279	11,963	10,418	10,352	NC	1,801	2.026	1,560	1.588	1,514	1,553
N.E.		2,180	1,953	2,246	1,885	1,873	SC	1,070	1,148	837	895	946	943
ME		252	235	264	243	224	GA	1,825	1,940	1,420	1,558	1,454	1,462
NH		172	155	192	199	198	FL	2,181	2,570	2,067	2,967	2,914	2,968
VT		126	124	131	113	117	E.S.C	4,850	4,972	3,881	3,995	3,780	3,664
MA	918	1.042	895	933	767	761	KY	1,081	1,114	885	865	778	749
RI		144	140	142	107	124	TN	1,525	1,526	1,280	1,280	1,239	1,219
CT	448	444	404	584	456	449	AL	1,297	1,356	1,087	1,054 796	1,056	1,005
	0 700	6,812	5,478	6,009	4,927	4,924		6,146	976 6,392	5,790	7.252	6.495	6,197
NY		3,140	2,277	2,717	2,157	2,121		595	750	577	607	560	580
B.C.S.	4 000	1,352	1,099	1,130	960	986	LA	1.194	1,136	993	1,261	1.005	1.011
PA		2,320	2,102	2,162	1.810	1,817	OK	787	792	748	1.006	867	781
THE	0.000						TX	3,570	3,714	3.472	4,378	4,063	3,825
OH		9,514	7,361	8,000	6,564	6,602	Mt	3,549	3,764	3,206	4,071	3,405	3,409
161	4 567	2,336	1,652	1,976	1,579	1,581	MT	340	408	294	339	254	233
		1,578	1,139	1,213	973	1,045	ID	320	324	291	345	242	268
11	2,267	2,216	1,816	1,985	1,583	1,594	WY	210	196	210	246	161	145
MI	2,172	2,236	1,811	1,817	1,563	1,605	CO	697	746	621	783	650	628
WI	1,109	1,148	943	1,009	866	777	NM	568	588	556	617	545	561
V.N.C		5,156	3,932	4,244	3,215	3,158	AZ	782	858	713	983	922	942
MN		1,052	798	900	639	657	UT	354	354	285	370	339	335
IA	946	904	714	662	440	478	NV	278	290	236	388	292	297
МО		1,500	1,105	1,239	1,029	1,005	Pac	7,025	7,138	6,073	7,892	7,013	6,943
ND		206	183	184	127	117	WA	739	836 774	804 582	1,048	810 619	786 605
SD		312	216	238	155	142	CA	5,114	5,300	4,414	5,860	5,322	5,294
NE		504	385	406	282	259	AV	107	64	120	91	119	124
KS	684	678	531	615	543	500	HI	163	164	153	195	143	134

<sup>\*</sup> Represents peak year for deaths from motor vehicle accidents.

Source: U.S. National Center for Health Statistics, Vital Statistics of the United States, annual; and unpublished data.

No. 999. FATAL MOTOR-VEHICLE ACCIDENTS—NUMBER OF ACCIDENTS AND FATALITIES, BY TYPE OF VEHICLE: 1980 TO 1985

[Based on data from the Fatal Accident Reporting System]

Tues of 1511015			ACCID	ENTS 1				o	CCUPANT	FATALITI	E\$	
TYPE OF VEHICLE	1906	1991	1962	1902	1984	1986	1986	1561	1962	1962	1984	1906
Total *	45,204	44,000	38,002	37,976	39,631	38,195	41,927	40,424	35,646	34,843	36,264	36,84
Passenger cars *	31,550	30,628	27,548	26,686	27,745	27,142	27,449	26,845	23,330	22,979	23,621	23.214
Mini-compact	3.283	3,635	3,559	3.753	4.001	3,973	2.966	3,279	3,194	3,278	3.470	3.42
Subcompact		5,266	4,649	4,884	5,275	5,445	4,158	4,432	3,881	4,000	4,346	4,42
Compact	1,118	1,363	1,565	1,938	2,670	3,445	927	1,052	1,210	1,499	2.081	2,635
Intermediate	5,224	5,698	5,305	5,352	5,976	6,064	3,878	4,107	3,919	3,985	4,267	4,301
Full size	7,026	6,653	5,891	5,361	5,199	4,906	4,831	4,245	3,661	3,488	3,260	2,974
Largest size	10,817	9,934	8,343	7,524	7,334	6,452	6,746	5,955	4,779	4,470	4,160	3,612
Unknown	5,134	4,596	3,863	3,264	2,905	2,699	3,943	3,575	2,696	2,258	2,008	1,751
viotorcycles Vioped, mini bike	4,879	4.671	4,201	4.045	4,378	4,342	4,961	4,746	4,270	4,104	4,431	4,417
Moped, mini bike	160	157	177	158	172	151	163	160	183	161	177	147
Light trucks *	. 10,841	10,301	9,597	9,347	10,255	10,470	6,586	6,137	5,590	5,396	5,773	5,834
Pickup	8,796	8,356	7,842	7,606	8,285	6.375	5,463	5.097	4,677	4,579	4.873	4,880
Van	2,009	1,961	1,722	1,615	1,737	1,807	1,000	958	814	712	764	791
Wedium trucks	1,076	871	666	672	980	854	285	235	154	172	153	157
leavy trucks *	4,036	4,121	3,754	3,968	4.185	4,217	976	897	769	807	920	814
Single-unit 4	. 377	333	283	323	271	370	89	57	52	80	83	4
Two-unit s	3,396	3,556	3,072	3,144	3,360	3,411	812	782	663	648	758	602
Multi-unit	146	150	129	168	168	182	41	34	25	36	37	31
Buses		340	286	305	302	304	46	58	35	53	45	56

<sup>&</sup>lt;sup>1</sup> Each accident involving multiple types of vehicles is recorded in each category; therefore, the aggregate of all types will exceed the total number of accidents. 
<sup>2</sup> includes other types and unknown, not shown separately. 
<sup>3</sup> Mini-compact wheal base lose then 95 in.; subcompact, 95 in. to 99 in.; compact, 100 in. to 104 in.; inmediate, 105 in. to 109 in.; full size, 110–114 in.; and largest size greater than 115 in.

<sup>4</sup> Gross vehicle weight greater than 25,000 ibs. 
<sup>8</sup> Tractor-trailer combination.

Source: U.S. National Highway Traffic Salety Administration, Fatal Accident Reporting System, annual.

No. 1000. HIGHWAY MILEAGE, VEHICLE MILES OF TRAVEL, ACCIDENTS, AND FATALITIES, 1975 TO 1985, AND BY TYPE OF HIGHWAY SYSTEM, 1985

Children work.	High- way	Vehi- cle miles	Daily vehi- cle		TAL	NONF INJL ACCID	IRY	FATAL	ITIES I
YEAR AND TYPE OF SYSTEM	mile- age (1,000)	of travel (bil.)	miles per- mile	Num- ber	Rate 1	Num- ber (1,000)	Rate 1	Num- ber	Rate
1975, total	3,838	1,328	948	39.993	3.01	1.861	140	45,500	3.4
1980, total	3.857	1,527	1.082	45.284	2.96	2.008	131	51.091	3.3
1982, total		1.595	1,130	39.092	2.45	1,966	123	43.945	2.7
1983, total		1,653	1,167	37,976	2.30	2.005	121	42.589	2.5
1984, total		1,720	1,208	39,631	2.30	2,137	124	44,257	2.5
1985, total	3,862	1,774	1,259	39,168	2.21	2,219	125	43,795	2.6
Urban	691	1,044	4,141	17.845	1.71	1.545	148	19.257	1.8
Rural		730	631	21,323	2.92	674		24,538	3.3
interstate	44	371	23,291	3,690	1.00	142	38	4,184	1.1
Urban	11	216	54,744	1.857	.86	104	48	2.031	. 9
Rural	33	154	12,891	1,833	1.19	38	25	2,153	1.40
Noninterstate	3,818	1,404	1,008	35,478	2.53	2,076	148	39,611	2.8
Urban		828	3,335	15,988	1.93	1,441	174	17,226	2.0
Rural		576	503	19,490	3.38	635		22,385	3.8
Federal-aid highway system, total	843	1,428	4,639	29,952	2.10	1,481	104	33,760	23
Urban		839	12,258	14,134	1.68	1.081	129	15,275	1.8
Rural		588	2,459	15,818	2.69	399	68	18,485	3.1
Interstate	44	371	23,291	3.690	1.00	142	38	4,184	1.13
Other primary arterial	257	519	5,520	12,296	2.37	510	98	14,203	2.7
Urban		240	20,109	3.975	1.65	312	130	4.347	1.8
Rural		27B	3,394	8.321	2.99	197	71	9.856	3.5
Urban (arterial and collector)		383	7,279	8,302	2.17	665	174	8.897	23
Secondary (collector)	398	156	1,073	5,664	3.63	163	105	6,476	4.1
Non-Federal-aid highway system, total	3,019	347	315	9,216	2.66	738	213	10.035	2.8
Urban		205	1,116	3,711	1.81	463	226	3,982	1.9
Rural		142	155	5,505	3.88	275	194	6.053	4.2
Collector		71	553	1.936	2.73	96	136	2,118	2.9
Urban	20	20	2.811	354	1.74	19	93	381	1.8
Rural		51	418	1,582	3.13	77	153	1,737	3.4
Local	2,657	247	255	6,696	2.71	622	252	7,287	2.9
Urban		160	924	2,860	1.78	427	266	3,072	1.9
Rural		87	109	3.836	4.42	195	225	4,215	4.8

<sup>1</sup> Rate per 100 million vehicle miles of travel. 

Represents fatalities occurring within 30 days of accident. Excludes rangellic accidents which, for example, occur outside the righte-of-way or other boundaries of roads that are open for public use.

Source: U.S. Federal Highway Administration, Fatal and Injury Accident Rates on Public Roads in the United States, around

### NO. 1001. LICENSED DRIVERS, FATAL MOTOR-VEHICLE ACCIDENTS, AND ALCOHOL INVOLVEMENT, BY AGE OF DRIVER: 1986

						AGE OF	DRIVER			
ПЕМ	Unit	Total	16-17 years	18-21 years	22-24 years	25-34 years	35-44 yeers	45-54 years	56-64 years	65 years and over
ensed drivers (estimated) 1	Number Percent	100.0 2 60,297 2 100.0 2 20,659	4,059 2.6 3,276 5.4 851 4.1	13,020 8.2 9,246 15.3 3,954 19.1	11,881 7.5 6,757 11.2 3,195 15.5	39,938 25.2 18,163 26.8 6,692 32.4	30,640 19.3 9,235 15.3 2,827 13.7	20,794 13.1 5,070 8.4 1,201 5.8	19,320 12.2 4,017 6.7 744 3.6	18,844 11.9 4,881 8.1 510 2.5

Source: U.S. Federal Highway Administration, Selected Highway Statistics and Charts, annual. 

<sup>1</sup> Includes ages unknown I less than 16 years old.

#### No. 1002. MOTOR VEHICLE TRAVEL, BY TYPE OF VEHICLE, AND SPEED: 1970 TO 1985

evel in billions of vehicle-miles, except as indicated. Travel estimates based on automatic traffic recorder data. Speed trend late for 1970-1975 were collected by several State highway agencies, normally during summer months; beginning Oct. 1975 all itses have monitored speeds at locations on several highway systems as part of 55 mile per hour Speed Limit Monitoring frogram. See also Helsonical Statistics, Colonial Times to 1970, series Q 199-207]

	VEHIC	LE-MILES	OF TRAV	EL (bil.)	AVG. M	(1,000)	VEHICLE		MOTOR VE	HICLE SP	EED 1	
YEAR	Tatal	C 1	Domini	Touris		enger icles	Tareta	Vehicles	Avg. speed		ent of ve sceeding	
	Total	Cars 1	Buses	Trucks	Cars i	Buses	Trucks	recorded (1,000) <sup>3</sup>	(miles per hour)	55 m.p.h.	60 m.p.h.	65 m.p.h.
0	1,110	920	4.5	186	10.0	12.0	9.9	200	63.8	87	69	44
3	1,313	1,051	5.8	256	9.8	13,6	11.0	161	65.0	89	72	50
4	1,281	1,013	5.7	262	9.2	12.7	10.6	203	57.6	65	29	9
5	1,328	1,040	6.1	282	9.3	13.1	10.9	102	57.6	68	27	.7
6	1,402	1,084	6.3	312	9.4	13.1	11.2	515	58.2	69	32	10
7	1,467	1,116	5.8	346	9.5	11.9	11.8	500	58.8	74	35	10
8	1,545	1,154	5.9	385	9.5	11.6	12.3	468	58.8	74	36	10
9	1,529	1,122	5.9	401	9.1	11.3	12.2	506	58.3	72	32	9
0	1,527	1,122	6.1	399	8.8	11.5	11.9	667	57.5	66	25	7
1	1,553	1,142	6.2	405	8.9	11.5	11.7	3,048	57.9	68	30	9
2	1,595	1,176	5.8	413	9.1	10.4	11.7	4,895	59.0	73	40	14
3	1,653	1,207	5.2	441	9.1	8.9	12.0	7,856	59.1	74	41	15
4	1,720	1,234	4.6	482	9.2	8.0	12.8	8,067	59.3	75	43	16
5	1,774	1,270	4.9	500	9.2	8.2	12.7	8,449	59.5	75	44	17

Includes motorcycles. \*Represents speed on rural interstate highways. For 1970-1979, based on free flow speed of iddes recorded on level, straight sections of rural interstate highways during off-peak hours; beginning 1980, based on all sides on rural interstate highways. Beginning 1976, for year ending Sept. 30. \*Citations issued for 55 mph violations.

### No. 1003. Domestic Motor Fuel Consumption, by Type of Vehicle: 1970 to 1985

reprises all fuels (gas, diesel, or other fuels) used for propulsion of vehicles under State motor fuels lews. Excludes Federal unchases for military use. Minus sign (--) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series Q 56-162]

		FUEL	CONSUM	PTION		AVER		CONSUMF	TION PER			GE MILEAGE GALLON	i
AR	All vehi- cles (bil. gal.)	Avg. annual percent change 1	Cars * (bil. gal.)	Buses 3 (bil. gal.)	Trucks 4 (bil. gal.)	All vehi- cles	Cars *	Buses *	Trucks *	All vehi- cles	Cars *	Buses <sup>3</sup>	Trucks 4
0	92.3	5.4	67.8	.8	23.6	830	760	2,172	1,257	12.02	13.52	5.54	7.85
3	110.5	6.2	78.7	1.0	30.7	850	771	2,326	1,321	11.89	13.30	5.86	8.34
4	106.3	-3.8	75.1	1.0	30.1	788	716	2,159	1,224	12.05	13.42	5.89	8,70
5	109.0	2.5	76.4	1.1	31.4	790	716	2,279	1,217	12.18	13.52	5.75	8.99
6	115.7	6.2	79.7	1.0	34.8	806	723	2,188	1,250	12.12	13.53	5.98	8.95
7	119.6	3.4	80.4	1.0	38.1	814	716	1,984	1,301	12.26	13.80	5.98	9.06
8	125.1	4.5	81.7	1.0	42.3	816	701	1,957	1,349	12.35	14.04	5.95	9.11
9	122.1	-2.4	77.3	1.0	43.6	776	653	1,891	1,326	12.52	14.41	5.97	9.19
10	115.0	-5.9	71.9	1.0	41.9	712	591	1,926	1,243	13.29	15.46	5.95	9.54
31	114.5	4	71.0	1.1	42.2	697	576	1,938	1,219	13.57	15.94	5.92	9.59
2	113.4	9	70.1	1.0	42.1	686	566	1,756	1,191	14.07	16.65	5.93	9.80
13	116.1	2.4	69.9	.9	45.1	686	553	1,507	1,229	14.24	17.14	5.92	9.77
14	118.7	2.3	68.7	.8	49.0	691	536	1,359	1,308	14.49	17.83	5.85	9.83
15	121.3	2.2	69.3	8.	51.0	685	525	1,407	1,302	14.62	18.20	5.84	9.79

From prior year shown. For 1970, change from 1985. 

\* Includes texicabs. 

\* Includes school buses.

Iguroe of tables 1002 and 1003: U.S. Federal Highway Administration, Highway Statistics Summary to 1985.

louros: Except as noted, U.S. National Highway Traffic Safety Administration, unpublished data from the Fatal Accident pariting System.

### NO. 1004. MOTORCYCLES-TRAVEL, REGISTRATION, AND FUEL CONSUMPTION: 1970 TO 1985

		Number	125.5	FUEL CON	SUMPTION	Average
YEAR	Travel (mil. veh. miles)	of registered vehicles (1,000)	Average travel per vehicle (miles)	Total (mil. gal.)	Average per vehicle (gal.)	miles per gallon con- sumed
1970	2,979	2,824	1,055	59.6	21	50
1975	5,629	4,964	1,134	112.6	23	50
1976	6,003	4,933	1,217	120.1	24	50 50
1977	6,349	4,933	1,287	127.0	26	50
1978	7,158	4,868	1,470	143.2	29	50
1979	8,637	5,422	1,593	172.7	32	50
1980	10,214	5,694	1,794	204.3	36	50
1981	10,690	5,831	1,833	213.8	37	50
1982	9,910	5,754	1,722	198.2	34	50
1983	8,760	5,585	1,568	175.2	31	50 50 50
1984	8,784	5,480	1,603	175.7	32	50
1985	9,086	5.444	1,669	181.7	33	50

Source: U.S. Federal Highway Administration, Highway Statistics Summary to 1985.

#### No. 1005, VOLUME AND CHARACTERISTICS OF TRAVEL: 1983

#### [Covers only travel day trips regardless of trip length. VMT=Vehicle-miles of travel; PMT=Person-miles of travel]

		HOUSEHOLD		PER	RSON	PE	RCENT DIS	STRIBUTION	N
2.02.0300000		1.73	Average			House	shold	Pers	ons
CHARACTERISTIC	Number of trips (mil.)	VMT (bil.)	trip length (miles)	Number of trips (mil.)	PMT (bil.)	Num- ber of trips	VMT	Num- ber of trips	PMT
Total	126,874	1,002,139	7.9	224,385	1,946,662	100.0	100.0	100.0	100.0
Purpose:	05.075	000 405		45 000	201 544				
Trip to work	35,375	302,185	8.5	45,826	391,544	27.9	30.3	20.4	20.2
Work-related business	3,696	42,223	11.4	5,283	115,605	2.9	4.2	2.4	5.9
Shopping	25,363	133,823	5.2	40,655	219,112	20.0	13.3	18.1	11.2
Other family or personal business	23,245	155,131	6.7	36,158	256,929	18.3	15.5	16.1	13.2
School/church	7,444	40,990	5.5	26,486	129,953	5.9	4.1	11.8	6.7
Visit friends or relatives	12,543	135,801	10.8	24,743	283,520	9.9	13.6	11.0	14.6
Other social or recreational	15,416	133,417	8.7	35,457	302,145	12.2	13.3	15.8	15.5
Vacation	187	21,317	114.0	630	155,551	.1	2.1	.3	8.0
Other	3,605	37,252	7.2	9,147	92,303	2.8	3.6	4.1	4.7
Means of transportation:			1	1.55	W 100 115	17.5		427	1000
Automobiles	95,497	742,301	9,8	139,387	1,181,626	75,3	74.2	62.1	60.6
Station wagons	10,920	81,471	7.5	16,194	139,253	8.6	8.1	7.2	7.2
Passenger van	2,803	21,401	7.6	4,746	51,269	2.2	2.1	2.1	2.6
Pickup truck 1	13,851	122,504	8.8	18,372	176,926	10.9	12.2	8.2	9.1
Other	* 3,803	34,462	9.0	3 45,686	3 397,588	2 3.0	* 3.4	3 20.4	2 20.4

Excludes pickup with camper and other trucks.
 "Includes other vans, pickups with campers, other trucks, motorizes campers, motorized bicycles and other privately owned vehicles not listed elsewhere.
 "Includes other vans motorized campers, motorize

Source: U.S. Federal Highway Administration, 1983 Nationwide Personal Transportation Survey.

# NO. 1005. HOUSEHOLD MOTOR VEHICLES, MILES DRIVEN, AND MOTOR FUEL EXPENDITURES, BY HOUSEHOLD CHARACTERISTIC: 1985

[Household vehicles include all motorized-vehicles used for personal transportation, excluding motorcycles, mopeds, large trucks, and buses. The reporting unit for 1985 is all households which owned a vehicle at any time during 1985. Based on the Residential Transportation Energy Consumption Survey; subject to sampling variability. For composition of regions, see fig. I, inside front cover)

	House-	VEH	CLES	MILES	DRIVEN		R FUEL DITURES
HOUSEHOLD CHARACTERISTIC	holds with motor vehicles (mil.)	Total (mil.)	Aver- age per house- hold	Total (bil.)	Aver- age per house- hold	Total (bil. dol.)	Aver- age per house- hold
Total	77.7	137.3	1.8	1,363	17,402	99.1	81,274
Vortheast	15.0	24.8	1.7	246	18,476	17.6	1,100
Vildwest	19.5	34.1	1.7	327	18,734	24.7	1,301
SouthWest	27.0 16.1	48.5 29.8	1.8	485 292	17,991	35.7 21.0	1,321
Family income in 1985:	1 10.7	29.0	1.6	202	10,000	21.5	
Less then \$5,000	3.7	4.4	1.2	34	9,178	2.8	74
\$5,000-89,980		12.5	1.3	96	10,094	7.8	811
\$10,000-\$14,999		15.8	1.5	149	13,848	11.5	1,000
\$10,000-\$18,899		15.8	1.6	141	14,500	10.5	1,00
\$20,000-\$24,986 \$25,000-\$34,980		16.9	1.6	166	17,411	12.2	1.50
\$25,000-\$34,999	19.6	28.2 43.7	1.9	200 477	19,741	21.0	1.49

#### 1. 1007. HOUSEHOLD MOTOR VEHICLE TRANSPORTATION, BY VEHICLE MODEL YEAR: 1985

y. Household vehicles include all motorized vehicles used for personal transportation, excluding motorcycles, mopeds, clas, and buses. The reporting unit for 1985 is all households which owned a vehicle at any time during 1985. Based on identifal Transportation Energy Consumption Survey; subject to sampling variability]

		VEHICL	E8 (milli	ons)		1	MILES P	ER GALL	ON.	
			Model	year				Model	year	
SHOLD CHARACTERISTICS	Total	1972 and earlier	1974 to 1978	1978 to 1982	1986 and later	Average	1973 and earlier	1974 to 1978	1979 to 1982	1906 and later
·····	137.3	26.9	43.3	37.9	20.7	16.1	18.4	13.8	17.9	19.1
	24.8 34.1 46.5	3.0 6.4 9.2 8.3	8.1 11.4 15.0	7.6 9.0 13.6	6.1 7.0 10.5	17.0 15.6 15.8	13.6 12.6 12.9	14.0 13.2 13.5	18.8 17.6 17.4	20.2 19.1 18.1
ome in 1985: In \$5,000	29.8 4.4 12.5	1.4 4.3	8.9 1.7 4.4	7.3 .7 2.4	5.1 .8 1.4	16.5 14.2 14.6	14.4 12.5 13.3	15.0 13.7 12.7	18.3 17.5 16.8	19. 15. 19.
-\$14,999 -\$19,999 -\$24,999	15.8 15.8 16.9	4.4 3.5 3.1	5.8 5.7 5.5	3.8 3.9 4.7	1.8 2.6 3.4	15.2 15.7 16.0	13.4 12.9 13.3	13.8 13.4 14.0	17.5 18.1 17.9	18. 20. 18.
-\$34,999or more	26.2 43.7	4.5 5.7	9.2 11.0	8.5 13.7	5.9 13.1	16.2 17.1	13.2 13.9	14.0 14.3	18.2 17.9	19. 19.

U.S. Energy Information Administration, Residential Transportation Energy Consumption Survey, Consumption Patterns old Vehicles, 1965.

### No. 1008. Domestic Motor Gasoline Supply: 1974 to 1987

[In 1,000 barrels per day, except as noted]

	S	UPPLY	KI KI		100	100		8	UPPLY	U			
/EAR		Unle	aded	Pro-	Net im-	Stocks * (mil.	YEAR AND		Unle	aded	Pro-	Net im-	Stocks 1 (mil.
	Total	Total Percent duction ports bbis.) MONTH	MONTH	Total	Total	Per- cent	duction	ports	bbis.)				
	6,537 6,675	(NA)	(NA)	6,360 6,520	202	218 235	1986: March	6,955	4,678	67.3	6,061	224	219
	6,978	1,508	21.6	6,841 7,033	128	231 258	June Sept	7,209 6,864	4,914	68.2 70.1	7,101 6,894	392	230
*************************	7,412	2,798	34.0 39.8	7,169 6,852	189 181	238 237	Dec.,	7,143	5,193	72.7	6,970	320	233
	6,579 6,588	3,264	46.6 49.5	6,506 6,405	139	261 253	1987: March <sup>3</sup>		5,150	74.4	6,555	342	249
00000000000000000000000000000000000000	6,539	3,647	52.1 55.1	6,338 6,340	237	235 222	June 9	7,320	(NA)	(NA)	7,036	381	235
		3,987 4,406 4,854	59,6 64,5 69,0	6,453 6,419 6,752	293 381 326	243 223 233							

t available. 

<sup>1</sup> Production plus net imports less net increase in primary stocks.

<sup>2</sup> End of year or month, includes tillne blending components.

<sup>3</sup> Preliminary.

#### No. 1009. GASOLINE RETAIL PRICES—SELECTED COUNTRIES: 1973 TO 1986

loilers per U.S. gallon. As of July, except as indicated. Price includes tax except as noted. For most countries, based on exchange rates in effect as of July 31 of year shown]

	(ma)							_	-	1.444	11.5-0-7
	friet				/ LOCAL	West Germany, Bonn:					
	(NA)	(NA)	1.25	1.20	1.19	Regular	1.18	1.25	2.46	1.59	(NA)
leaded	40	.57	1.19	1.12	1.11	Tax *	.72	.65	1.23	.61	(NA)
, unleaded 3	.45	.61	1,28	1.34	1.34	Premium	1.31	1.34	2.57	1.66	2.04
***************************************	.11	.12	.14	.21	.22	Canada, Ottawa:					
iris:			.,,-			Regular	.49	.66	.81	1.55	1.38
	1.06	1.56	2.97	(NA)	(NA)	Tax	.19	.23	.25	.39	.39
	.82	.94	1.70	(NA)	(NA)	Premium	.53	.67	.89	(NA)	(NA)
	1.15	1.69	3.17	2.18	2.58	Mexico, Mexico City:	.00	,07		freed	hay
D'		1.00	3.17	2,10	2.50	Regular	.24	.64	6 45	1.07	(NA)
	.99	1.66	3.08	2.43	(NA)	Tax		.31	* 15	.63	(NA)
	.79	1.15	1.89	1.65	(NA)	Demontron	.36	.91	* 1.13	1.36	1.02
	1.05	1.71	3.15	2.52	3.09	Japan, Tokyo:	,00	.01	1.10	1.00	1.02
adom:	1.00	ne.	0.10	2.02	3.09	Domilar	.83	1.36	2.72	2.26	2.84
goons.	.78	1.27	2.60	tunk	(NA)	Tax 5	.42	.45	.93	.91	(NA)
::::::::::::::::::::::::::::::::::::::	.48	.41	1.24	(NA)			.98	1.63	2.89	2.37	(NA)
***************************************	.81	1.31	2.65	(NA)	(NA) 2.24	Premium	.00	1.03	5,09	2.31	(NA)

t evallable. 

1 As of January. 

2 1973 prices for regular and premium in Washington, DC; all other data are national irages. Source: 1973—Energy Information Administration, International Energy Annua; thereafter, Monthly Energy Review. 

9 1900, prices are for leaded premium. 

4 Source: PennWell Publishing Co., Tules, OK, Oil and Gas Journal, weekly. 

1 January 1981.

U.S. Energy Information Administration, Monthly Energy Review, April 1987, and earlier issues.

Except as noted, U.S. Energy information Administration; 1973–1975 International Petroleum Annual; thereafter, Interna-

No. 1010. COST OF OWNING AND OPERATING AN AUTOMOBILE: 1973 TO 1985

ITEM	Unit	1973	1974	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985
Cost per mile	Cents	16.47	16.62	18.31	20.19	19.57	23.97	27.95	31.92	32.35	33.42	31.32	27.20
Cost per 10,000 miles	Dollars	1,647	1,662	1,831	2.019	1,957	2,397	2,795	3.192	3,235	3,342	3,132	1 2,720
Variable cost	Cents/mile		5.70	6.45	5.80	5.65	5.86	7.62	8.17	8.37	8.36	7.86	8.04
Gas and oil	Cents/mile.	3.35	4.18	4.82	4.11	3.89	4.11	5.86	6.27	6.74	6.64	6.19	6.16
Maintenance	Cents/mile		.87	.97	1.03	1.10	1.10	1.12	1.18	1.00	1.04	1.04	1.23
Tires	Cents/mile	.62	.65	.66	.66	.66	.65	.64	.72	.63	.68	.63	.65
Fixed cost	Dollars	1,172	1,092	1,186	1,439	1,392	1,811	2,033	2,375	2,398	2,506	2,346	2,441
Insurance:		100	1	17 190		1000	1	30.00	1	100	27.11	200	100
Fire and theft 2	Dollars	45	38	53	80	57	74	70	76	53	80	80	92
Collision 3	Dollars	143	118	141	188	138	168	172	180	153	201	200	198
Property damage 4 and		100	100	140	1.00	1.50	1,00	100		100			
liability	Dollars	179	178	189	250	229	241	248	254	243	222	225	213
License and registration	Dollars		26	30	74	74	90	82	88	54	102	106	115
Depreciation	Dollars		732	773	847	894	942	1,038	1,287	1,356	1,343	1,207	1,253
Finance charge	Dollars	(NA)	(NA)	(NA)	(NA)	(NA)	296	423	490	539	558	528	570
Average fixed cost per	Dollars	3.21	2.99	3.25	3.94	3.81	4.96	5.57	6.51	6.57	6.87	6.43	6.69
Average fixed cost per day.	Donar's	3.21	2.99	3.20	0.94	3.81	4.90	3.57	0.51	0.57	0.07	0.43	0.09

NA Not available. <sup>1</sup> Not comparable to previous data. <sup>3</sup> \$50 deductible 1973 through 1965. <sup>3</sup> \$100 deductible 1973 through 1977, and \$250 deductible 1978 through 1986. <sup>4</sup> Coverage: \$100,000/\$300 Do.

Source: Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, MI, Motor Vehicle Facts and Figures, annual

#### No. 1011. PASSENGER TRANSIT INDUSTRY-SUMMARY: 1970 to 1985

[Includes Puerto Rico. Comprises all privately and publicly owned organized local passenger transportation agencies except taxicabs, suburban railroads, and sightseeing and school buses. Covers (a) local motorbus systems, (b) light rail systems, (c) heavy rail systems, and (d) trolley coach systems, Beginning 1984, data also include suburban railroads, urban ferry boats, automated guideways, inclined planes, cable cars, serial tramways, and rural fixed-route non-intercity motorbus systems. Also include all transit modes, and are non-continuous between 1983 and 1984. Based on financial and statistical reports received by American Public Transit Association from transit systems representing more than 85 percent of the industry. See also Historical Statistics, Colonial Times to 1970, series Q 238–250]

ITEM	Unit	1978	1975	1970	1979	1986	1561	1902	1986	1904	1905
Operating systems	Number	1,079	947	1,018	1,027	1.044	1,036	1,036	1,036	2,314	2.361
Motorbus systems 1	Number	1.075	941	1.014	1.023	1.040	1.030	1,031	1.031	2,291	2.33
Publicly owned systems 1	Number	144	333	463	523	576	578	581	589	1,004	1,016
Passenger vehicles owned	Number	61,350	62,226	64,013	65,730	70,963	72,063	72,063	73,782	64,017	96,51
Motorbuses	Number	49,700	50,811	52,866	54,490	59,411	80,393	62,114	62,093	76,864	79,23
Electric railway cars * 3	Number	10,800	10,712	10,554	10,524	10,749	10,919	10,926	11,003	10,902	11,160
Heavy rail	Number	9,338	9,606	9,567	9,522	9,693	9,601	9.667	9,943	9,841	10,110
Trolley coaches	Number	1,050	703	593	725	823	751	783	666	686	900
Total revenue	MIL dol	(NA)	3,451	4,003	5,568	9,510	7.200	8.044	8,526	11,836	12.02
Passenger revenue	Mil. dol	1,639	1.881	2.271	2,436	2.557	2.701	3.077	3,172	4.456	4.66
Other operating revenue 4 Operating assistance	Mil. dol	68	183	179	212	246	344	380	333	777	710
Operating assistance	Mil. dol	(NA)	1.405	2.232	2.910	3.705	4.321	4.567	5.023	6.605	7.24
Federal	Mil. dol	(NA)	302	690	856	1.004	1.095	1.005	627	1.024	90
State and local	Mil. dol	(NA)	1,106	1,542	2,055	2,611	3,226	3,582	4,195	5,581	6,26
Total expense	MIL dol	1,996	3.752	4,700	5,611	6,711	7.623	8.314	6,736	12,550	12.54
Operating expense	Mil. dol	(NA)	3.537	4,539	5,232	6.246	7.024	7.553	7.956	11.219	12.05
Transportation	Mil. dol	(NA)	1.877	2.508	2.735	3.246	3.596	3.882	3.931	5.216	5.50
Maintenance	Mil. dol	(NA)	814	1.089	1.469	1.774	1.946	2.188	2.392	3.334	3.63
Administration	Mil. dol		648	962	1,028	1.224	1.462	1,503	1,634	2,669	2.82
Reconciling expense			215	250	380	464	597	761	780	1,340	1,48
Vehicle-miles operated *	Million	1,363	1,996	2.026	2.045	2.005	2.134	2.128	2.117	2,370	2,48
Motorbus	Million	1,409	1.526	1.630	1.634	1.677	1.685	1.659	1,676	1.722	1.77
Electric railway * *	Million	441	448	384	400	403	437	448	421	456	46
Heavy rail	Million	407	423	384	380	385	420	429	406	436	45
Passengers carried * *	Million	7.332	6,972	7.816	9,136	8,235	7.964	7.741	7.996	8,873	8.94
Motorbus *	Million	5.034	5.064	5.721	6.156	5.637	5,594	5.324	5,422	5,998	6.02
Electric railway * 4	Million	2,116	1,810	1,825	1,699	2,256	2,232	2,258	2,307	2,386	2,43
Avg. revenue per passenger	Cents	22.4	26.7	26.9	30.0	31.0	33.9	39.7	40.2	90.2	82.
Employees, number (avg.)	1.000	138	180	166	179	187	193	194	195	254	
Payroll, employee	Mil dol	1.274	2.236	2,741	3,025	3.280	3.494	3.731	3.921	5.350	5.00

NA Not available. 

Includes systems with combined services including motorbuses, heavy rail cars, light rail cars, trolleg coaches, cable cars, and inclined plane cars.

Includes light rail.

Beginning 1975, includes cable car and inclined plane a include other operating revenue, non-operating revenue, and audiliary income.

Includes trolley coach, not show separately.

Data for 1970–1979 not comparable with later years.

Source: American Public Transit Association, Washington, DC, Transit Fact Book, annual.

NO. 1012. CLASS I INTERCITY MOTOR CARRIERS OF PASSENGERS: 1970 TO 1985

Interes subject to ICC regulations. See text, section 21. Minus sign (-) indicates deficit. See also Historical Statistics, Colonial

Times to 1970, series Q 69-75]

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985
ers reporting I	Number	71	77	42	43	45	48	45	50	45	43	43
ber of employees, average	1,000	34	31	27	26	27	31	31	30	25	25	43
pensation of employees	Mil. dol	317	383	400	412	469	599	630	646	570	551	518
rating revenue	Mil. dol	722	942	969	2 1,021	1,200	1,397	1,453	1,447	1.276	1,255	1,233
issenger revenue 3	Mil. dol	524	651	655	671	802	947	993	969	876	861	836
ecial bus revenue and other	Mil. dol	198	291	314	345	398	215	202	229	180	180-	184
rating expenses	Mil. dol	639	880	924	983	1.143	1.318	1,381	1,416	1,283	1.254	1.168
operating revenue	Mil. dol	83	61	45	38	57	79	72	30	-7	1	65
nary income:		1.77	71				1.5	1.5				37
fore income taxes	Mil. dol	88	83	58	57	57	107	88	35	16	53	65
ter income taxes	Mil. dol	52	83 56	58 40	41	57	90	88 61	37	26	43	65 53
enger vehicles in service 3	1,000	13.3	9.7	8.3	8.5	8.2	8.6	8.4	8.1	7.3	7.0	8.4
cle-miles, passenger	Million	871	835	754	726	754	781	732	717	591	585	567
enue passengers carried	Million	174	147	122	118	122	134	114	112	94	89	88
ense per vehicle-mile	Dollar	.73	1.05	1.23	1,35	1.52	1.69	1.89	1.98	2.17	2.14	2 06

Excludes cerriers preponderantly in local or suburban service and cerriers engaged in transportation of both property and lengers.

a includes 84 million from Government authorities for current operations.

a Regular route, intercity and local surce: U.S. interstate Commerce Commission, 1970, Transport Statistics in the United States, Part 7, and 1975–1964, Part 2, ast; except 1976, Financial and Operating Statistics, Class I Motor Carriers of Passengers, statement No. 750, semiannual continued in 1979.)

No. 1013. Intercity Bus Lines-Summary of Operations: 1970 to 1985

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985
rating companies	Number	1,000	950	1,050	1,100	1,200	1,330	1,470	1,520	(NA)	(NA)	(NA)
s of highway served (Dec. 31) 1	1,000	22.0	20.5	20.1	20.4	21.3	21.4	21.7	20.9	20.4	20.1	20.2
loyees (Dec. 31) 2	1,000	50	47	46	46	48	49	50	48	45	44	43
miles, total	Million	1,209	1,126	1,118	1,100	1,153	1,162	1,151	1,115	1,027	1,016	993 352
ter and tour passengers	Million	92	145	160	175	185	195	204	206	209	(NA)	(NA)
enue passenger-miles	Billion	25.3	25.4	26.0	25.6	27.7	27.4	268	27.3	25.4	35.2	35.2
rating revenue, all services	Mil. dol	901	1,172	1,331	1,419	1,664	1,943	2,097	2,070	1,953	1,914	1,879
operating revenue 3	Mil. dol	812 89	1,103	55	1,366	1,572	132	1,982	57	15	18	1,814

A Not evallable. I includes duplication between cerriers. Operating companies only. Before income taxes. surce: American Bus Association, Washington, DC, Bus Facts, annual, and Annual Report.

# ). 1014. WAREHOUSING SERVICES—OPERATING REVENUES, OPERATING EXPENSES, AND PAYROLL: 1984 AND 1985

		OPE	RATING RE	EVENUES	OPE	RATING EX	PENSES	A	WUAL PAY	ROLL
; 1 <b>50</b>	KIND OF BUSINESS		tal dol.)	Percent change		tal dol.)	Percent change	To (mil.	tal dol.)	Percent change
		1984	1986	1984-1986	1984	1906	1984-1986	1984	1986	1984-1986
42	Motor freight trans- portation and ware-									
121	housing services * Trucking, local and	83,974	88,559	5.5	78,871	64,235	6.8	26,553	27,775	4.6
	long distance	79.715	84,015	5.4	75,222	60,281	6.7	25,276	26,400	4.5
122	Public werehousing	4,148	4,440	7.0	3,556	3,962	8.6	1,231	1,330	8.0
221	Farm product ware- housing and stor-		1							
222	Refrigerated ware-	535	530	-1.0	439	454	3.4	(D)	(D)	(D)
224	housing Household goods warehousing and	943	1,032	9.5	793	891	12.2	268	324	12.6
5, 6	storage General warehous-	249	257	3.3	(D)	(D)	(D)	(D)	(D)	(D)
	ing and storage and special warehousing and storage not else-									
	where classified	2,421	2,621	8.3	2,118	2,306	6.9	745	800	7.4

Data do not meet publication standards because of high sampling error or high imputation rate.

1 Standard Industrial salfication.

2 Includes terminal and joint terminal maintenance facilities for motor freight transportation (SIC 4231) not shown instally.

perce: U.S. Bureau of the Cereus, Current Business Reports, 1985 Motor Freight Transportation and Warshousing Survey.

### No. 1015. TRUCKING SERVICES—OPERATING REVENUES, OPERATING EXPENSES, AND EQUIPMENT, BY TYPE OF CARRIER: 1984 AND 1985

[in millions of dollars, except as indicated. Data cover SIC group 421. Estimates include both regulated and nonregulated carriers; excluded are non-employers (i.e., firms with no paid employees) and private fleets operated as auditary establishments to nontransportation companies. Some unpublished estimates may be derived from this table by subtraction, but such figures are subject to high sampling variability and should be used with caution).

ITEM	CARF		SPECI FREI CARR	CHT	GENE FREE CARR	OHT
	1984	1986	1984	1905	1984	1906
Operating revenues: Total 1  Motor carrier Local functing Intercity trucking	73,999 15,830	84,015 76,017 17,526 60,490	25,072 21,902 7,518 14,385	28,877 23,431 8,537 14,893	54,643 52,096 8,312 43,785	57,136 54,586 8,989 45,597
Operating expenses: Total Annual payrol Employer contributions to Social Security and other supplemental	25,276	80,281 26,400	23,349 6,431	25,360 8,798	51,872 18,844	54,901 19,605
labor benefits. Purchased fuels. Lesse and rental psyments. Depreciation Taxes and licenses Other	6,325 15,941 3,783 1,866	6,003 6,446 16,964 4,068 1,862 18,518	1,185 1,906 (8) (8) 494 6,792	1,270 1,848 (8) (8) 546 7,769	4,593 4,516 10,585 2,500 1,192 9,642	4,734 4,598 11,214 2,669 1,314 10,749
Equipment <sup>2</sup> (1,000 units): Trucks. Trucks. Trucks. Trucks. Trucks. Trucks.	(MA) (MA)	221 473 1,011	133 133 133 133 133 133 133 133 133 133	88 147 207	EE	132 326 804

NA Not available. S Data do not meet publication standards. ¹ Includes other revenues not shown separately. 

Represents revenue generating freight equipment as of December 31. Includes owned and leased equipment.

Source: U.S. Bureau of the Census, Current Business Reports, 1985 Motor Freight Transportation and Warehousing Survey.

No. 1016. CLASS I INTERCITY MOTOR CARRIERS OF PROPERTY, BY CARRIER: 1975 TO 1965

[See headnote, table 1012. Common carriers are carriers offering regular scheduled service. Contract carriers provide service at request of user. Minus sign (—) indicates loss]

ITEM	Unit	1975	1980	1984	1985	1975	1980	1984	1985
			COMMON GENERAL					RIER OTH	
Carriers reporting Number of employees, average Compensation of employees Operating revenues Intercity freight Operating expenses Ordinary income before taxes Net income Total power units, intercity service Trucks, tractors owned in operation, avg Intercity vehicle-miles Tons of intercity revenue freight carried	Mil. dol Mil. dol Mil. dol Mil. dol Mil. dol	11,116 10,511 10,571 432 225 78	298 413 9,803 19,725 19,480 18,870 701 -72 102 73 6,547 178	254 383 10,428 22,482 22,222 21,279 1,084 657 106 80 6,045 147	237 376 10,217 22,314 22,080 21,037 1,198 658 108 82 5,760 136	330 94 1,046 3,907 3,717 3,758 109 65 69 25 4,776 264	441 101 1,931 8,792 8,339 8,426 230 14 95 33 6,869 324	464 87 1,972 8,991 8,654 8,653 254 182 98 32 6,589 345	397 76 1,783 7,962 7,664 7,752 123 94 77 29 5,714 303
	1		TRACT CA					ERS OF LD GOOD	s
Carriers reporting Number of employees, average Compensation of employees Operating revenues Intercity treight Operating expenses Ordinary income before taxes Net income Total power units, intercity service Trucks, tractors owned in operation, avg Intercity vehicle-miles Tons of intercity revenue freight carried	1,000 Mil. dol Mil. dol Mil. dol Mil. dol Mil. dol 1,000 1,000 Million	175 453 411 432 17 9 8	69 14 336 1,272 1,172 1,207 48 28 13 7 934	69 19 569 1,836 1,688 1,734 92 57 16 10 1,267 38	64 22 630 1,942 1,792 1,807 103 69 16 11 1,227	32 4 70 866 765 849 32 18 18 (z) 688	28 10 157 1,824 1,676 1,781 74 42 25 1 969	35 10 190 2,510 2,288 2,432 107 70 33 1	2,684 2,388 2,635 79 54 35

Z Less than 500.

Source: U.S. Interstate Commerce Commission, Transport Statistics in the United States, Part 2, annual.

### No. 1017. RAILROADS, CLASS I-SUMMARY: 1970 TO 1986

of Dec. 31, or catendar year data, except as noted. Compiled from annual reports of class I railroads only, except where oled. Beginning 1983, financial data may not be comparable with earlier years due to changes in accounting systems. Minus gn (-) indicates deficit. See also *Historical Statistics*, *Colonial Times to 1970*, series Q 284-312, Q 319, Q 330, Q 356-378, nd Q 400-401]

ITEM	Unit	1970	1975	1980	1981	1982	1983	1984	1985	1986
ss I line-hauling companies 1	Number	71	73	39	38	33	32	29	23	22
ployees 2	1,000	566	494	480	457	397	342	344	302	276
ompensation	Mil. dol	5.711	7,475	11,318	11,650	11.021	10,345	11,004	10,563	9,919
Average per hour	Dollars	4.14	6.39	10.21	11.14	12.26	13.29	13.84	14,30	14.78
Average per hour	Dollars	10,086	15,324	24,659	26,698	29,087	32,125	34,064	34,991	35,961
lage:		-	24.	1000	(1500		100	1000	244	100
ailroad line owned 3	1,000	206	199	179	168	165	161	157	155	154
ailroad track owned 4	1,000	336	324	290	278	275	270	264	257	256
Ipment:						07.070				
ocomotives in service	1,000 lb	1,926	28,210	28,396	27,808	27,073	25,838	24,506	22,932	21,045
Average horsepowerars in service:	1,000 10	1,926	2,121	2,302	2,326	2,341	2,364	2,415	2,469	2,531
Passenger-train	Number	11 177	6,471	4,347	3.945	3,736	2,610	2.580	2.502	2.307
Freight train *	1,000	1,784	1 724	1,711	1,673	1,588	1,543	1,486	1,422	1,339
Freight train *	1,000	1,454	1,359	1,168	1,111	1,039	1,007	948	867	799
Average capacity 7	Tons	67.1	72.9	78.5	80.5	81.6	82.4	83.4	83.2	84.1
Aggregate capacity 1	Mil. tons	95.6	99.2	92.7	89.4	84.8	83.0	80.0	72.2	67.2
Box Y	1,000	590	475	347	314	278	271	245	216	180
Average capacity *  Aygregate capacity *  Box *  Gondola and hopper *	1,000	724	680	636	621	594	577	552	505	473
Other 7	1,000	140	204	185	176	167	159	151	145	146
ome and expenses:	1	1204	10.00				L 26	1,1,00		239
perating revenues	Mil. dol	11,992	16,402	28,103	30,899	27,504	26,729	29,453	27,586	26,204
perating expenses	Mil. dol	11,478	15,936	26,250	28,587	26,490	24,106	25,800	25,225	24,896
et revenue from railway	La 150 1	17716	1				1	110	15.00	100
operations	Mil. dol	514	466	1,853	2,312	1,013	2,623	3,653	2,361	1,308
come before fixed charges	Mil. dol	994	1,094	3,167	4,425	2,680	3,889	4,893	3,393	2,480
come taxes on ordinary income "	Mil. dol	88	58	291	45	°58	944	255	294	490
ax accruals	Mil. dol	1,069	1,706	2,578	3,330	21,628	3,014	3,577	3,088	2,611
iterest on funded debt	Mil. dol	497	623	933	1,056	1,019	939	916	877	875
et ordinary income	Mil. dol	227	144	1,192	2,041	1,152	1,778	2,654	1,788	747
et railway operating income	Mil. dol	486	351	1,312	1,361	742	1,838	2,536	1,746	507
ate of return on average net investment.	Percent	1.73	1.20	4.13	3.98	244	4.29	5.70	3.84	
ross capital expenditures	Mil. dol	1,351	1,790	3,621	2,750	2.11	2,761	3,744	4,423	3,601
Equipment	Mil. dol	993	1,303	2,346	1,502	1,975	455	806	965	693
Roadway and structures	Mil. dol	358	486	1,275	1,248	1,262	2,306	2,938	3,458	2,908
ince sheet:	100	11/22	7.00	1,445,5	1,000	1,000	-4	-100		0.00
otal property investment	Mil. dol	38,213	40,344	43,923	46,619	47,311	62,964	63,471	64,241	64,781
ccrued depreciation and	wiii. GOT	30,213	40,044	40,020	40,010	41,511	02,504	03,471	04,241	04,70
amortization	Mil. dol	10.027	10,605	10,706	11,622	12.051	19,480	20.098	19,756	20,940
et investment	Mil. dol		29,740	33,217	34,997	35,260	43,483	45,435	46,237	45,344
hareholder's equity	Mil. dol	17,323	14,942	19,860	21,253	21,349	26,461	27,986	27.605	25,442
et working capital	Mil. dol	-59	68	897	1,692	1,372	1,325	1,844	1,084	743
ash dividends	Mil. dol	421	434	610	662	1,038	1,085	1,066	1,444	1,376
TRAK passenger traffic:		N/E-1		100	150	-		LI NO		700
assenger revenue	Mil. dol	(NA)	(NA)	(NA)	468.1	465.1	515.3	556.7	604.9	633.E
evenue passengers carried	1,000	(NA)	(NA)	(NA)	19,889	18,725	19,469	20,065	20,945	20,165
evenue passenger miles	Mil	(NA)	(NA) (NA)	(NA)	4,662	4,122	4,343	4,566	4,977	5,015
verages:	200		1	100	Comp	1.00	1	200	60,000	100
Revenue per passenger	Dol	(NA)	(NA)	(NA)	23.54	24.80	26.39	28.23	28.88	31.42
Revenue per passenger mile	Cents	(NA)	(NA)	(NA)	10.33	11.26	11.83	12.43	12.15	12.63
Trip per passenger	Miles	(NA)	(NA)	(NA)	234.4	220.1	223.1	227.6	237.6	248.7
ght service:	1000	1	100	1000		100	0.77%	12524	1000	1000
reight revenue	Mil. dol	10,922	15,390	26,200	28,925	25,627	25,835	28,472	26,688	25,344
Per ton-mile	Cents	1.43	2.04	2.83	3.18	3.21	3.20	3.08	3.04	2.92
er ton originated	Dollar	7.67	11.40	18.05	20.36	20.89	20.66	20.89	21.39	20.82
evenue-tons originated	Million	1,485	1,395	1,492	1,453	1,269	1,293	1,429	1,320	1,087
evenue-tons caried	Million	2,616	2,437	2,434	2,377	1,979	1,932	2,119	1,985	1,938
ons carried one mile	Billion	765	754	919	910	798	827	922	877	868
verage miles of road operated	1,000	209	205	179	177	174	170	165	161	158
evenue ton-miles per mile of	1 000	2000	0.000					6.630	F 440	
roadevenue per ton-mile	1,000	3,652	3,666	5,133	5,142	4,802	4,876	5,578	5,446	5,587
rain miles	Cents Million	1.428	2.041	2.852 428	3.178	3.212	3.119	3.090	3.043	347
et ton-miles per train-mile 10	Number	1,820	1,938	2,175	2,265	2,345	2,432	2,543	2,574	2,552
et ton-miles per loaded	reumber	1,020	1,930	2,175	2,200	2,345	2,432	2,343	2,3/4	2,302
car-mile 10	Number	44.9	51.7	63.5	67.1	68.3	61.2	62.4	62.7	63.2
rain-miles per train-hour	Miles		20.0	18.2	19.0	21.4	20.3	21.9	21.9	22.5
aul per ton, U.S. as a system	Miles	490	516	590	600	604	613	617	635	636
ident:11			1.0					0.0		
ersons killed	Number	2.255	1,560	1 447	1 201		1.020	1 247	1,036	1.091
ersons injured	Number	21,327	54,306	1,417	1,284	1,119	1,073	1,247	34,304	26,923
					1003.0823	40,275	1.35.016			

A Not available. ¹ See text, section 21 for definition of class 1, ² Average mid-month count. ² Represents the regate length of roadway of all line-haul railroads. Excludes yard tracks, sidings, and parallel lines. (Includes estimate for class in all railroads.) ⁴ Includes multiple main tracks, yard tracks, and sidings owned by both line-haul and switching and terminal ludes estimate for class II and III railroads.) ⁴ Excludes Long Island Railroad, which was reclassified. ⁴ Includes cars set by all railroads, private car companies, and shippers. ¹ Class I railroads only. ⁴ Includes State income taxes inning 1980. ⁴ Represents credit. ¹ Revenue and non-revenue freight. ¹¹¹ Includes highway grade crossing casual-1970 not comparable with later years due to change in requirements for reporting injuries.

xures: Association of American Railroads, Washington, DC, Yearbook of Railroad Facts, Statistics of Railroads of Class I, and Analysis of Class I Railroads, annual. Accident data: U.S. Federal Railroad Administration, Accident Bulletin, annual.

### No. 1018. Railroads, Class I-Cars of Revenue Freight Loaded, 1960 to 1986, and By COMMODITY GROUP, 1985 AND 1986

[In thousands. Figures are 52-week totals. Data for 1978-86 include 12 class II reliroads which were class I in 1977. See text, section 21, for definition of class I. N.e.c. = Not elsewhere classified]

	CARL	DADS		CARL	OADS	A TANK A TANK A I	CARL	OADS
YEAR	Total	Piggy- back	COMMODITY GROUP	1985	1986	COMMODITY GROUP	1985	1986
1960	30,441	554	Coal	5,793	5,680	Crushed stone, gravel, sand	642	667
1965	29,248	1,077	Metallic ores	725	742	Nonmetalic minerals, n.e.c.	568	453
1970	27,160	1,450	Chemicals, allied products	1,251	1,240	Waste and scrap materials	436	411
1975	23,217	1,308	Grain	1,187	1.265	Lumber, wood products (exc.		200
1980	22,598	1,661	Motor vehicles and equipment	1,092	1,035	furniture), n.e.c.	366	397
1981	21,613	1,723	Pulp, paper, allied products	712	657	Forwarder/shipper assoc. traffic	336	201
1982	18,498	1,920	Primary forest products	584	532	Coke	254	218
1983	18,815	2,348	Food and kindred prod., n.e.c	568	562	Petroleum product	237	240
1984	20,257	2,703	Grain mill products	537	545	Farm products, exc. grain	188	192
1985	19,574	2,863	Metals and products		414	Less than carload	8	6
1986	19,477	3,279	Stone, clay, and glass products	530	508	All other carloads	3,113	3,510

Source: Association of American Railroads, Washington, DC, Cars of Revenue Freight Loaded, annual.

### No. 1019. RAILROADS, CLASS I LINE-HAUL—REVENUE FREIGHT ORIGINATED, BY COMMODITY GROUP: 1970 to 1986

[See Historical Statistics, Colonial Times to 1970, series Q 332, for total carloads originated]

COMMODITY GROUP	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1966, prel.
Carloads 1 (1,000)	27,015	22,930	22,482	23,409	22,223	21,343	18,585	19,013	20,946	19,501	19,587
Coal	5,296	4.844	4,372	5,329	5,789	5.835	5,718	5.276	6.061	5.684	5,433
Farm products		1,873	1,599	1,721	1,866	1,637	1,566	1,642	1,757	1,494	1,602
Food and kindred products		2,154	1,922	1,348	1,767	1,557	1,391	1,316	1,234	1,224	1,276
Metallic ores		1,338	1,405	1,480	1,258	1,354	761	812	1,001	511	508
Chemicals, allied products	1,576	1,313	1,426	1,471	1,322	1,322	1,120	1,216	1,312	1,296	1,287
Nonmetallic minerals 2		1,895	1,650	1,592	1,474	1,272	958	1,079	1,204	1,196	1,113
Lumber and wood products a	2,048	1,615	1,629	1,565	1,384	1,254	1,002	1,075	1,051	948	965
Transportation equipment		1,135	1,352	1,278	1,004	939	801	954	1,141	1,202	1.148
Pulp, paper, allied products	1,197	1,015	975	977	954	899	765	746	741	703	672
Primary metal products	1,486	796	873	913	756	760	459	440	487	449	389
Stone, clay, and glass products	1,231	906	911	920	776	690	516	543	576	551	530
Waste and scrap materials		744	734	713	632	610	409	417	480	429	402
Petroleum and coal products		787	704	716	596	607	467	495	529	491	477
Machinery, exc. electrical	200	156	104	90	77	66	43	38	40	35	31
Fabricated metal products *		244	96	87	72	55	36	33	37	31	26
Tons (mil.)	1,484.9	1,395.1	1,390.4	1,502.1	1,492.4	1,453.0	1,268.6	1,292.6	1,429,4	1,319.8	1,305.8
Coal	404.6	407.6	383.1	473.8	522.1	527.6	523.8	493.6	566.6	538.0	517.5
Farm products		134.4	128.7	138.5	156.1	139.9	133.5	142.2	151.1	127.0	136.4
Food and kindred products	110.1	100.2	95.4	93.2	91.9	82.8	77.0	75.2	72.1	73.5	76.3
Metallic ores		106.4	112.5	119.9	105.4	113.8	62.6	68.4	85.5	46.9	46.4
Chemicals, allied products	91.6	91.4	106.7	112.4	108.3	105.9	91.2	99.3	107.4	106.4	105.6
Nonmetallic minerals #		150.6	135.0	132.3	124.8	110.0	84.7	96.5	108.2	107.7	101.2
Lumber and wood products 3		88.6	95.1	93.1	85.5	80.3	65.9	71.7	69.8	63.2	64.9
Transportation equipment	24.2	27.3	32.2	30.6	23.9	22.2	18.8	22.2	26.1	27.2	25.9
Pulp, paper, allied products		40.6	41.4	42.4	42.1	41.6	36.4	36.6	37.7	36.2	35.6
Primary metal products		51.4	60.3	63.9	52.7	53.3	32.0	32.0	36.1	33.6	29.7
Stone, clay, and glass products		56.8	59.9	61.5	53.7	49.2	38.2	41.6	44.7	43.5	42.1
Waste and scrap materials	39.8	38.2	37.8	38.5	34.3	34.1	22.7	24.5	28.8	25.7	25.0
Petroleum and coal products	36.3	45.8	44.4	43.9	38.1	39.0	31.6	33.6	35.3	32.9	32.8
Machinery, exc. electrical		3.6	2.5	2.3	2.0	1.7	1.2	.8	.9	.9	.8
Fabricated metal products 4	11.3	8.2	2.5	2.3	2.0	1.7	1.0	.8	.9	.8	7
Gross revenue (mil. dol.)	11,388	15,899	20,785	24,283	26,938	29,590	26,504	26,710	29,866	28,225	27,186
Coal	1,381	2,146	2,813	3,872	4,956	5,977	6,307	5,969	6,965	6,556	6,089
Farm products		1,472	1,678	2,101	2,801	2,621	2,305	2,374	2,483	1,977	2.007
Food and kindred products		1,822	2,158	2,421	2,837	2,928	2,604	2,349	2,309	2,256	2,192
Metallic ores		468	553	621	597	723	403	450	567	403	375
Chemicals, allied products	1,137	1,681	2,342	2,739	2,946	3,288	2,942	3,078	3,360	3,342	3.342
Nonmetallic minerals 2	409	596	723	829	948	1,036	852	B34	997	949	839
Lumber and wood products 3	832	1,066	1,461	1,546	1,543	1,559	1,303	1,527	1,611	1,525	1,563
Transportation equipment	734	1,283	2,089	2,167	1,917	2,120	1,966	2,292	2,859	3,110	2,996
Pulp, paper, allied products	730	977	1,260	1,445	1,652	1,848	1,717	1,671	1,762	1,641	1,570
Primary metal products	813	848	1,104	1,291	1,332	1,559	977	816	955	872	787
Stone, clay, and glass products	512	651	902	1,018	1,025	1,114	888	908	1,024	960	906
Waste and scrap materials		359	432	479	513	573	418	423	496	446	425
Petroleum and coal products	. 305	573	713	835	865	1,019	887	844	913	861	800
Machinery, exc. electrical		200	166	174	176	176	115	75	81	72	58
Fabricated metal products 4	210	221	115	117	110	105	71	52	57	48	40

Includes commodity groups and small packaged freight ehipments, not shown separately.
 Except furniture.
 Except ordnance, machinery, and transport. \* Except fuels.

Source: 1970–1979, U.S. interstate Commerce Commission, Freight Commodity Statistics—Class / Relivade in the United States, annual; thereafter, Association of American Reliroads, Washington, DC, Freight Commodity Statistics, annual.

### Railroad Freight—Pipeline Companies

#### No. 1020. RAILROAD FREIGHT-PRODUCER PRICE INDEXES: 1970 TO 1986

#### s. 1984 = 100. Reflects prices for shipping a fixed set of commodities under specified and unchanging conditions)

COMMODITY	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
allroad freight	29.1 8.8	<b>45.3</b> 13.2	53.2 6.8	<b>56.9</b> 7.0	65.0 14.2	75.9 16.8	87.4 15.2	93.7 7.2	95.0 1.4	99.3 4.5	99.9	100.7
indred products	26.9	44.0	52.4	56.5	65.9	75.8	86.9	95.4	96.5	99.9	100.0	100.7
	29.7	45.2	52.4	56.1	64.6	75.6	86.3	92.4	94.0	98.7	99.0	99.6
	28.9	44.8	51.9	55.8	63.5	75.2	87.4	93.7	94.8	99.1	100.0	99.9
and allied products	26.4	43.2	51.2	55.1	63.8	74.5	86.1	93.9	95.9	99.4	100.2	100.5
	30.0	46.5	54.3	57.5	64.9	75.6	87.1	93.5	94.3	98.7	100.1	101.2
	25.4	40.5	48.3	52.0	60.6	72.2	86.4	93.3	94.6	98.9	100.1	101.6
f wood products	28.3	42.8	50.1	53.8	61.0	72.7	85.2	91.4	93.3	99.7	100.0	100.9
	31.7	50.3	59.3	63.1	71.5	81.7	91.6	94.5	95.6	99.8	100.0	100.8
	31.5	47.1	53.9	57.0	64.7	76.7	88.5	94.7	95.6	99.9	100.0	101.0
tal products	29.9	47.8	56.0	59.5	67.5	77.8	88.5	94.3	95.4	99.7	99.7	100.2
, concrete, glass, products	26.9	43.0	50.9	55.0	62.8	74.2	86.5	93.4	94.4	98.8	100.0	

from prior year.

#### No. 1021, PETROLEUM PIPELINE COMPANIES—CHARACTERISTICS: 1972 TO 1985

peline companies operating in interstate commerce and subject to jurisdiction of interstate Commerce Commission from 1972 to 1975, and Federal Energy Regulatory Commission beginning 1977]

EM	Unit	1972	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985
peline, total	1,000	172.1	170.7	154.5	161.6	169.8	172.7	172.8	172.5	167.8	173.9	171,4
s lines	1,000	42.3	40.4	34.7	36.5	36.9	36.3	38.6	35.6	31.0	36.1	35.0
BS	1.000	129.8	130.3	119.8	125.1	132.9	136.4	134.2	136.9	136.9	137.9	136.4
ries	Mil. bbl	8.847	9,391	10,019	10,768	11,140	10,600	10,223	10,181	10,310	10,224	10,745
	Mil. bbl	5,510	5,729	6.089	6,550	6,728	6,405	6,070	5,968	6,020	5,671	6,239
	Mil. bbl	3,337	3,662	3,930	4,218	4,412	4,195	4,153	4,213	4,289	4,552	4,506
line traffic	Bil. bbl-miles	2.687	2.892	3,895	3,723	3,577	3,405	3,554	3,442	3,328	3,406	3,342
	Bil. bbl-miles	1,520	1,551	2,267	2,031	1,946	1,948	1,813	1,938	1,875	1,855	1,842
	Bil. bbl-miles	1,167	1,341	1,627	1,691	1,631	1,458	1,740	1,484	1,452	1,551	1,500
perty value	Mil. dol	6,749	10,740	16,736	17,654	18,990	19,752	21,250	21,942	22,255	19,397	21,605
evenues	Mil. dol	1,338	1,869	2,818	4,990	5,781	6,356	6,678	7,140	7,472	7,824	7,461
	Mil. dol	415	456	478	1,696	1,648	1,912	2.031	2,162	2,353	2,545	2,431

PennWell Publishing Co., Tulea, Okla., Olf and Gas Journal, November 24, 1986 and earlier issues. (Copyright.)

### 1022. MAJOR INTERSTATE NATURAL GAS PIPELINE COMPANIES—SUMMARY: 1960 TO 1985

ural gas pipieline companies are those whose combined sales for resale and natural gas transported or stored for a fee exceed 50 billion cubic feet. They account for more than 85 percent of all interstate natural gas]

ITEM	Unit	1986	1961	1932	1963	1904	1906
	Tril cu ft	(NA)	15.2	14.4	12.9	13.2	11.3
ial	Trill Cu. ft	(NA)	.1	.3	.3	.3	.3
cial, industrial	Trill ou ft	(NA)	1.1	1.2	1.0	1.2	1.1
•		(NA)	14.1	13.0	11.6	11.6	9.9
evenues	MIL dol	(NA)	46,465	56,203	56,792	56,326	49,106
<b>a</b> '	1	ina	44,277	53,601	53,710	52,529	44,996
	1 0.000 -4-4	(AMA)	204	1.273	1,725	1.927	1,879
ercial, industrial		(NA)	3.336	4,453	4.233	5,160	4,466
			40,677	47,778	47,881	45,266	38,545
neportation of gas to others	Mil. dol	(NA)	1.011	1.259	1,787	1.923	2,272
	MII. dol	(NA)	1,177	1,344	1,296	1,874	1,836
maintenance expenses	MII. dol	33,303	41.242	49,989	49.391	48,411	42,526
<b>X</b>	1		36,706	44,449	43,516	42,407	36,739
	A 629 -d-1	253	313	405	441	415	418
mico		2.431	3,122	3.629	3,729	3,760	3,409
90		26	31	103	131	131	132
rative, general, and other		947	1,070	1,402	1,576	1,897	1,830
leace:	1		1				
ision lines	1.000	(NA)	(NA)	178.0	176,7	183.4	189.7
	4 000	ina	INA	64.6	63.7	65.2	89.6
	1.000	744	1 7	6.9	6.5	4.6	4.8

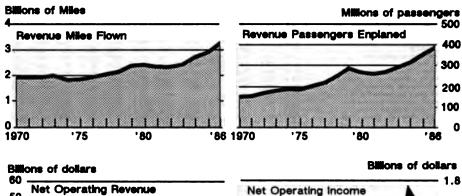
available. Includes other ultimate customers not shown separately.

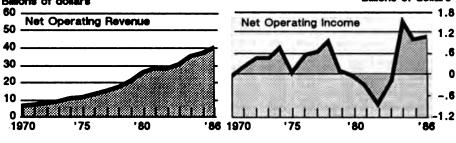
J.S. Bureau of Labor Statistics, Producer Prices and Price Indexes, monthly and annual.

U.S. Energy Information Administration, Statistics of Interstate Natural Gas Pipeline Companies, annual.

Figure 22.1

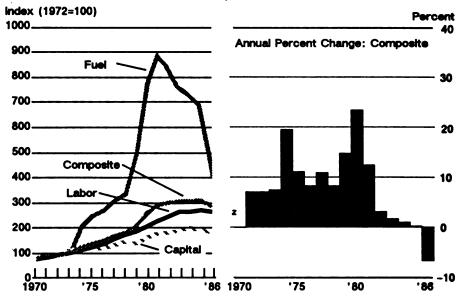
Domestic Scheduled Air Carriers: 1970 to 1986





Source: Chart prepared by U.S. Bureau of the Census. For data see tables 1023 and 1024.

Figure 22.2 Airline Cost Indexes: 1970 to 1986



Z-Rounds to zero.

Source: Chart prepared by U.S. Bureau of the Census. For data see table 1026.



Section 22

# Transportation— Air and Water

This section presents statistics on civil air transportation, both passenger and cargo, and on water transportation, including inland waterways, oceanborne commerce, the merchant marine, cargo and vessel tonnages, and shipbuilding. Comparative data on various types of transportation carriers are presented in section 21.

Principal sources of these data are the annual FAA Statistical Handbook of Aviation issued by the Federal Aviation Administration (FAA); the annual Waterborne Commerce of the United States issued by the Corps of Engineers of the Department of the Army; the monthly and annual issues of U.S. Waterborne Exports and General Imports, and U.S. Airborne Exports and General Imports, the annual Vessel Entrances and Clearances, and the monthly Highlights of U.S. Export and Import Trade, issued by the Bureau of the Census. In addition, the Bureau of the Census in its commoditivateneportation survey (part of the census of transportation, taken every five years, for years ending in "2" and "7") provides data on the type, weight, and value of commodities shipped by manufacturing establishments in the United States, by means of transportation, origin, and destination.

Air transportation data are also presented annually by the Air Transport Association of America, Washington, DC in Air Transport Facts and Figures. Additional sources of data on water transportation include A Statistical Analysis of the World's Merchant Fleets, issued periodically by the U.S. Maritime Administration; The Bulletin, issued monthly by the American Bureau of Shipping, New York; and the Annual Summary of Merchant Ships Completed in the World and the Register Book, published by Lloyd's Register of Shipping, London, England.

Civil aviation.—Federal promotion and regulation of civil aviation have been carried out by the FAA and the Civil Aeronautics Board (CAB). The CAB promoted and regulated the civil air transportation industry within the United States and between the United States and foreign countries. The Board granted licenses to provide air transportation service, approved or disapproved proposed rates and fares, and approved or disapproved proposed greements and corporate relationships involving air carriers. In December 1964, the CAB ceased to exist as an agency. Some of its functions were transferred to the Department of Transportation (DOT), as outlined below. The responsibility for investigation of aviation accidents resides with the National Transportation Safety Board.

The Office of the Secretary, DOT aviation activities include: negotiation of international air transportation rights, selection of U.S. air carriers to serve capacity controlled international markets, oversight of international rates and fares, maintenance of essential air service to small communities, and consumer affairs. DOT's Research and Special Programs Administration (RSPA) handles aviation information functions formerly assigned to CAB.

The principal activities of the FAA include: The promotion of air safety; controlling the use of navigable airspace; prescribing regulations dealing with the competency of airmen, airworthiness of aircraft, and air traffic control; operation of air route traffic control centers, airport traffic control towers, and flight service stations; the design, construction, maintenance, and inspection of navigation, traffic control, and communications equipment; and the development of general aviation.

The CAB published monthly and quarterly financial and traffic statistical data for the certificated oute air carriers. RSPA continues these publications, including both certificated and non-certificated (communter) air carriers. The FAA publishes annually data on the use of airway facilities; data elated to the location of airmen, aircraft, and airports; the volume of activity in the field of non-air arrier (general aviation) flying; and aircraft production and registration.

General aviation comprises all civil flying (including such commercial operations as small demand ir taxis, agriculture application, powerline patrol, etc.) but excludes certificated route air carriers, upplemental operators, large-aircraft commercial operators and commuter airlines.

Air carriers and service.—The CAB previously issued "certificates of public convenience and ecessity" under Section 401 of the Federal Aviation Act of 1958 for scheduled and non-scheduled tharter) passenger services and cargo services. It also issued certificates under Section 418 of the ct to cargo air carriers for domestic all-cargo service only. The DOT Office of the Secretary now

issues the certificates under a "fit, willing and able" test of air carrier operations. Carriers operating only 60 seat or less aircraft are given exemption authority to carry passengers, cargo and mail in scheduled and non-scheduled service under Part 298 of the DOT (formerly CAB) regulations. Exemption authority carriers who offer scheduled passenger service to an essential air service point must meet the "fit, willing and able" test.

Vessel shipments, entrances, and clearances.—Shipments by dry cargo vessels comprise shipments on all types of watercraft, except tanker vessels; shipments by tanker vessels comprise all types of cargo, liquid and dry, carried by tanker vessels.

A vessel is reported as entered only at the first port which it enters in the United States, whether or not cargo is unloaded at that port. A vessel is reported as cleared only at the last port at which clearance is made to a foreign port, whether or not it takes on cargo. Army and Navy vessels entering or clearing without commercial cargo are not included in the figures.

Units of measurement.—Cargo (or freight) tonnage and shipping weight both represent the gross weight of the cargo including the weight of containers, wrappings, crates, etc. However, shipping weight excludes lift and cargo vans and similar substantial outer containers. Other tonnage figures generally refer to stowing capacity of vessels, 100 cubic feet being called 1 ton. Gross tonnage comprises the space within the frames and the ceiling of the hull, together with those closed-in spaces above deck available for cargo, stores, passengers, or crew, with certain minor exceptions. Net or registered tonnage is the gross tonnage less the spaces occupied by the propelling machinery, fuel, crew quarters, master's cabin, and navigation spaces. Substantially, it represents space available for cargo and passengers. The net tonnage capacity of a ship may bear little relation to weight of cargo. Deadweight tonnage is the weight in long tons required to depress a vessel from light water line (that is, with only the machinery and equipment on board) to load line. It is, therefore, the weight of the cargo, fuel, etc., which a vessel is designed to carry with safety.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to Historical Statistics of the United States, Colonial Times to 1970. See Appendix IV.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986*. For cross-references, see Appendix V.

No. 1023. CERTIFICATED ROUTE PASSENGER/CARGO AIR CARRIERS—NUMBER, OPERATING REVENUES, AND EXPENSES: 1970 TO 1986

(In millions of dollars, except number of carriers. 1970-1979, includes acheduled and charter operations. Beginning 1980, includes all cargo carriers. Minus sign (-) indicates loss. See also headnote, table 1024, and Historical Statistics, Colonial Times to 1970, series C 581-4816.

ITEM	1979	1975	1979	1985	1961 1	1982 1	1982 1	1984 1	1965 1	1986, prel.
Number of air carriers	39	33	49	63	96	96	96	95	106	94
DOMESTIC	1		1		1	l	ŀ	l	i .	!
Operating revenue	7.131	11.911	21.337	26,404	28,788	28,728	31.014	35,394	37,629	40.02
Passenger	6.359	10.290	18.930	23.317	25,504	25,440	27.346	31.437	33,343	33,74
Mell (Including subsidy)	205	247	413	530	591	572	537	580	740	66
Express and freight		702	1,184	1,582	1,659	1,505	1,582	1,690	1,581	4,27
Other	94	672	810	974	1,034	1,211	1,549	1,707	1,965	2,21
Operating expenses	7 124	11.781	21.213	28,409	29.051	29,478	31,196	33,812	33,811	20.00
Flying operations	2 008	3,860	7.867	11.029	12.037	11.529	11,370	12.161	12.684	11,33
Maintenance	1.127	1.595	2.421	2.758	2.821	2.709	2.878	3.176	3.604	4.46
General services and administration	3.157	5.050	9.120	10.545	11,943	12,825	14.274	15.625	17.324	20,64
Depreciation and amortization		883	1,352	1,580	1,723	1,876	2,107	2,223	2,318	2.85
Transport related	(NA)	363	453	517	526	537	554	627	661	73
Net operating income		129	123	-6	-264	-750	- 171	1,562	1,018	1,00
INTERNATIONAL		l	ŀ		l		1			
Operating revenue	1.913	2.063	5.191	6.543	6.300	6.436	7.183	7,975	6.300	8.61
Passenger	1,563	2,435	4,226	4,984	4,916	4,959	5,361	6,075	6,451	6.54
Meil (including subsidy)	110	97	107	175	165	177	152	158	160	15
Express and freight		361	534	1,011	984	959	913	1,071	1,131	1,45
Other	41	150	325	372	325	309	737	671	560	40
Operating expenses	1.004	3,069	5,106	6,788	6.574	6,452	6.300	7,486	7.994	8.44
Fiving operations		1.050	1.795	2.775	2.757	2.596	2.490	2.629	7,984 2,738	8,44 2,30
Meintenance	241	363	521	616	540	512	548	677	766	90
General services and administration		1,345	2,289	2,811	2,752	2,795	3,056	3,436	3,731	4,44
Depreciation and amortization		212	327	385	362	396	389	446	482	51
Transport related	(NA)	88	173	178	144	152	211	297	266	19
Net operating income	19	4	96	-223	- 184	-17	470	400	319	16

NA Not available. ¹Excludes carriers that report system total only (operating revenues of \$1,033 million in 1981, \$800 million in 1982, \$415 million in 1983, \$902 million in 1984, \$2,649 million in 1985, and \$450 million (preliminary) in 1985; operating expanditures of \$909 million, \$744 million, \$352 million, \$650 million, \$2,613 million, and \$443 million (preliminary) in 1981, 1982, 1983, 1984, 1985, and 1985, respectively.

Source: U.S. Federal Aviation Administration and Research and Special Programs Administration, Air Cowier Phenoisi Statistics, quarterly.

#### No. 1024, CERTIFICATED ROUTE AIR CARRIERS—SUMMARY: 1970 TO 1986

[As of Dec. 31 or for calendar years. See text, section 22. Operations between conterminous U.S., Puerto Rico, and outlying areas included with international. See also Historical Statistics, Colonial Times to 1970, series Q 577-590 and Q 624-633]

ITEM	Unit	1979	1979	1985	1982	1965	1984	1985	1985
Domestic operators 1	Number	35	33						
International operators 1	Namber	~	📆	} 63	96	96	95	106	98
			290	371	330	329	245	~	400
Employment, total *							345	355	422
Pliots, copilots, and other flight personnel	. 1,000	33	32	39	35	35	37	40	46
Flight attendents	1,000	34	39	57	51	58	60	63	88
Mechanics	1.000	46	45	45	43	40	43	43	48
Aircraft and traffic servicing personnel	1.000	84	83	122	88	95	101	101	136
Other		96	91	106	113	103	104	108	124
Fixed-wing aircraft in operation a	. Number	2.421	2.260	2.505	2.468	2.618	2.692	2.869	3,790
Turboint		2.041	2.022	2.336	2.377	2.492	2.572	2.740	3.282
Two-engine.			500	652	863	974	1.065	1,235	1.494
	Name of the last		961					1,230	
Three-engine				1,311	1,260	1,296	1,277	1,277	1,468
Four-engine	Number	891	581	373	254	222	230	228	322
Turboprop	Number	316	193	163	88	118	110	110	416
Piston	Number	84	45	6	3	8	10	10	101
Average available seats: * *	ł		!						1
Domestic	Number	110.4	130.4	143.1	153.0	154.1	153.7	152.5	153.4
International	. Number	154.9	224.8	274.5	283.0	283.6	289.9	296.6	293.1
Average/hr. speed: *		1	l						1
Domestic	Mi. per hr	403	403	405	408	415	414	409	409
International		482	482	494	483	491	494	497	493
let fuel consumed: *	1		ļ		1	Ì			1
Domestic	. Mil. cal	7.842	7.558	9.218	8.326	8.556	9.417	10.115	11.103
International			1,949	2,093	1,942	1,970	2,053	2,468	2,580
Revenue-miles flown *	Millions	0.400							
		2,426	2,241	2,816	2,699	2,809	3,133	3,320	3,719
Domestic	. Millions	2,027	1,909	2,471	2,367	2,483	2,786	2,960	3,318
International	. Millions	399	332	345	312	326	347	370	401
Revenue passengers enplaned *	. Millions		205	297	294	319	345	382	418
Domestic	Millions	153	189	273	274	297	321	357	393
International	. Millions	16	16	24	20	22	24	25	25
Revenue passenger-miles flown: *	1	Į	İ		1				
Domestic	Billions	104.1	131.7	200.6	210.1	226.9	243.7	270.6	301.8
International			31.1	54.4	49.5	54.9	61.4	65.8	64.4
Average passenger-mile rate: * 7			l				1		
Domestic	Dollers	.080	.077	.113	.121	.121	.128	.123	.112
International		.050	.072	.075	.100	.098	.099	.098	.102
Express and freight revenue, ton-miles flown s	. Millions	3,515	4.796	5.742	5.482	6.092	6.566	6,020	7.336
Domestic	. Millions	2.216	2.747	3.277	3.039	3.385	3.565	3.133	3,990
International	. Millions	1,299	2,049	2,465	2,443	2,707	3,001	2,887	3,346
Mail. ton-miles flown: *	ł								1
Domestic	. Millions	745		040	1.004	1.065	4 444	1 244	1 247
		715	863	949			1,161	1,214	1,247
International	. Millions	548	426	393	400	415	457	445	434
Accidents * (scheduled passenger service):			l	l	i		1	1	İ
Total •	Number	39	29	15	15	22	12	18	22
Fatal		2	2	_	3	4	1	1 4	1
				1					
Fatalities	Number	3	122	٠ -	233	15	4	197	3

Represents zero.

Source: Except as noted, U.S. Dept. of Transportation, Federal Aviation Administration and Research and Special Programs Intellectation, Art Carrier Financial Statistics, quarterly. Includes data from U.S. National ansportation Safety Board.

Represents zero.
 The Airline Deregulation Act of 1978 lifted some restrictions on entering new markets. As a result there is no longer a clear striction between domestic and international operators, includes all cargo.
 Scheduled airlines only. Source: Air Transport Association of America, Washington, DC, Air Transport Facts and Figures,

Innual.

3 Excludes those used for crew training and general utility purposes, or held for disposal. Beginning 1975, includes aircraft persted by the scheduled all-cargo certificated route air cerriers. Beginning in 1986 also includes large aircraft (passenger seating spacity of more than 30 or a psyload of more than 7,500 pounds) operated by commuters and air taxis.

3 Seats per aircraft mile. Passenger seat-miles divided by revenue-miles flown in passenger service.

3 Scheduled services of all certificated route air curriers; includes all cargo.

4 Includes all cargo. Beginning 1960 includes very small amount of gasoline.

7 Passenger revenues divided by revenue passenger-miles flown.

8 Beginning 1975, includes all scheduled services of U.S. air carriers operating under 14 CFR 121.

9 Includes mid-air collisions nonfatal to air carrier occupants (excluded in computation of fatal accidents).

#### No. 1025. LARGE AIR TRAFFIC HUBS-SUMMARY: 1985

[In thousands, except number of airports. For calender year. Air traffic hubs are cities and standard metropolitan statistics areas requiring avisition services. A large hub is one which explanes at least one percent of the total explaned revenue passengers in all services and all operations of U.S. certificated route air carriers]

		AIRCR	AFT DEPART	URES	Berner	ENPLAN	ED REVENU	E TONS
AREA OR HUB	Air-	C1	Scher	duled	Revenue passen-		Freight	us
	ports 1	Total 2	Number	Com- pleted	gers enplaned	Total <sup>a</sup>	and express	mail
Total, all areas	700	5.696.2	5,748.5	5,626.0	381,108.1	4.905.3	3,403.3	1,485.2
Total, 26 large hubs		3,439,4	3,487.7	3,399.7	264,507.1	3,130.6	2.048.0	1.080.9
Atlanta, GA		283.8	286.5	282.3	20,678.1	291.5	167.2	124.3
Boston, MA		101.3	102.1	99.5	9,112.9	118.2	85.5	32.6
Charlotte, NC	1	88.8	89.7	88.4	5,102.7	33.6	18.5	15.1
Chicago, IL		322.2	330.2	320.0	22,752.0	402.8	291.4	111.3
Dallas-Ft, Worth, TX	2	258.9	260.8	257.3	20,935.8	147.1	92.3	54.8
Denver, CO	1 1	177.6	181.3	176.9	13,863.0	100.7	49.4	51.3
Detroit/Ann Arbor, Mi	2	125.5	124.0	121.4	7,163.8	123.3	88.8	34.4
Honolulu, HI	1 1	55.8	60.2	53.0	5,979.7	106.6	91.0	15.6
Houston, TX	2	141.7	144.1	141.3	10,017.4	79.8	56.7	23.1
Las Vegas, NV	1	60.3	60.1	59.2	4.627.1	7.4	4.3	3.1
Los Angeles/Burbank/Long Beach, CA	4	212.8	216.0	209.9	19,532.3	295.1	230.2	64.9
Miami/Ft. Lauderdale, FL	2	115.3	116.0	112.9	10,669.1	135.5	102.9	32.4
Minneapolis/St. Paul, MN	1	112.0	113.8	111.1	7,250.3	101.5	48.2	53.0
Newark, NJ	1	146.1	148.7	144.6	14,272.6	89.0	64.7	24.3
New York, NY	2	207.0	212.8	204.2	19,665.9	342.3	226.1	116.1
Orlando, FL	1	63.4	60.9	59.9	4,848.8	27.2	19.7	7.4
Philadelphia, PA/Camden, NJ	1	73.8	74.3	72.9	4,761.0	81.5	35.9	45.5
Phoenix, AZ	1	101.4	102.1	100.8	6,713.3	23.4	11.2	12.2
Pittsburgh, PA/Wheeling, WV	1	109.4	110.1	108.8	7.002.3	36.1	9.9	26.2
St. Louis, MO		145.8	147.2	144.5	9,555.2	94.3	36.5	57.8
Salt Lake City, UT	1	57.6	58.2	57.3	4,137.0	35.0	16.7	18.3
San Diego, CA	1	49.5	50.0	49.2	3,930.9	17.2	10.0	7.2
San Francisco/Oakland, CA	2	155.4	158.7	153.4	12,955.6	233.1	176.7	56.3
Seattle/Tacoma, WA	3	83.4	86.6	82.6	5,724.2	107.5	73.0	33.8
Tampa/St. Petersburg/Clearwater/Lake- land, FL		61.5	62.2	60.9	4,240.6	25.4	14.5	10.9
Washington, DC		129.2	131.2	127.5	9.015.6	75.7	26.7	49.1

<sup>&</sup>lt;sup>1</sup> Airports serving area or hub. Airports certificated under Federal Aviation Regulation (FAR Part 139) served by scheduled and unscheduled. \* Includes toreign mell, not shown separately Source V.S. Federal Aviation Administration, Airport Activity Stateties, annual.

#### No. 1025. AIRLINE COST INDEXES: 1970 TO 1986

[Covers U.S. major and national service carriers. Major carriers have operating revenues of \$1 billion or more; nationals have operating revenues from \$75 million to \$1 billion]

ITEM					DEX 2 = 100)					PERCENT OF CASH OPERATING EXPENSES 1			
	1970	1975	1980	1982	1983	1984	1985	1986	1970	1975	1980	1986	
Composite	87.2	142.7	262.9	304.9	310.0	312.9	313.6	292.7	100.0	100.0	100.0	100.0	
Labor Interest * Fuel Passenger food Advertising and promotion Landing fees Passenger traffic commissions All other	82.9 99.0 94.3 94.7 99.1 82.1 80.1 90.4	129.8 125.0 250.8 120.8 102.0 135.9 154.5 127.6	211.3 167.2 770.3 153.6 137.6 192.3 318.5 184.4	249.7 188.6 841.8 162.9 200.6 212.8 408.2 215.2	268.5 195.5 762.0 168.9 204.3 214.6 436.0 223.2	268.3 205.5 729.1 174.5 202.9 219.0 476.4 232.6	276.1 198.8 689.6 167.0 201.8 217.8 477.0 239.9	269.6 189.7 472.4 167.7 205.5 241.2 484.7 246.2	46.0 3.6 12.8 3.9 2.6 2.2 2.9 26.1	40.9 2.7 18.9 3.4 1.8 2.4 3.8 26.1	35.2 2.9 29.7 2.9 1.6 1.7 5.2 20.8	36.1 16.4 2.4 2.6 8.6 27.5	

<sup>&</sup>lt;sup>1</sup> Total operating expenses plus interest on long term debt, less depreciation and amortization. <sup>2</sup> Interest on debt. Source: Air Transport Association of America, Washington, DC, Air Transport, 1986, annual; and unpublished data.

### No. 1027. COMMUTER/REGIONAL AIRLINE OPERATIONS-SUMMARY: 1978 TO 1986

[Calender year data. Commuter/regional airlines operate primarily aircraft of predominately 60 passengers or less and 18,000 pounds of payload capacity serving short heal and small community markets. Represents operations within all North America by U.S. regional carriers. Averages are means. For definition of mean, see Guide to Toular Presentation]

ITEM	Unit	1975	1979	1986	1961	1982	1983	1964	1996	1996
Passenger carriers operating Passengers enplaned Average passengers enplaned per carrier Revenue passenger miles (RPM) Average RPMs per carrier Airports served Average into length Passenger aircraft operated Average seating capacity (seats) Fleet bying hours Average annual utilization aircraft	Millions	11.3 49.6 1.36 5.97 881 121 1,047 11.9 1,131	227 14.0 61.7 1.72 7.58 746 123 1,265 12.5 1,390 1,193	214 14.8 69.2 1.92 8.97 732 129 1,339 13.9 1,740 1,299	246 15.4 82.6 2.09 8.50 786 138 1,463 15.1 1,984 1,383	215 18.6 86.5 2.61 12.14 617 141 1,573 15.6 2,160 1,373	196 21.8 111.2 3.24 16.53 854 149 1,545 18.1 2,415 1,563	203 26.1 126.1 4.17 20.46 863 160 1,747 18.4 2,764 1,582	179 126.0 152.4 14.41 124.64 854 173 1,745 19.2 2,854 1,636	178 28.4 158.4 4.47 24.98 824 159 1,808 18.4 2,829 1,622

<sup>&#</sup>x27; Adjusted to exclude a merger in 1988.

Source: Regional Airline Association, Washington, DC, 1987 Annual Report of the Regional Airline Association (copyright).

#### No. 1025, Civil Flying-Summary: 1970 to 1986

[As of Dec. 31 or for years ending Dec. 31, except as noted. See also Historical Statistics, Colonial Times to 1970, series Q 604-623]

ITEM	Unit	1970	1975	1980	1982	1983	1984	1985	1986
Airports in operation 1	Number	11,261	13,251	15,161	15,831	16,029	16,075	16,318	16,582
Heliports	Number	790	1,524	2.336	2,712	2,918	2.980	3,120	3,336
Public	Number	4,260	4,573	4.814	4,805	4.812	4.806	5,861	4.92
Private	Number	7,001	8,678	10,347	11,026	11,217	11,269	10,457	11,65
Airports with runway lights	Number	3,554	4,171	4,738	4.844	4,878	4,889	4,941	4,954
Airports with paved runways		3,805	4,865	5,833	6,223	5,441	6,529	6,721	6.948
Miles of Federal airways	1,000	324.7	403.9	411.1	366.2	364.4	364.8	368.5	332.0
Airport Improvement Program *	Mil. dol	50.5	339.9	639.0	407.1	721.5	733.3		1.615.
Total civil aircraft	1,000	154.5	196.3	259.4	259.0	264.9	271.5	274.9	275.7
Active aircraft *	1,000	134.5	171.2	214.8	214.0	217.5	225.3	215.4	(NA
Air carriers, total *	1,000	2.8	2.5	3.8	4.2	4.2	4,4	4.7	4.9
General aviation aircraft 5	1,000	131.7	168.5	211.0	209.8	213.3	220.9	210.7	(NA
Fixed-wing aircraft: Multi-engine		18.4	24.5	31.7	33.2	34.5	35.6	33.6	(NA
Single-engine:	1,000	10.4	24.0	31.7	33.2	34.5	35.0	33.0	(NA
4-place and over	1,000	64.6	82.6	107.9	106.5	107.2	109.9	105.6	fire
3-place and less	1,000						62.0		(NA
		44.9	54.4	60.5	57.7	59.2		58.8	(NA
Rotorcraft #	1,000	2.2	4.1	6.0	6.2	6.5	7.1	6.4	(NA
Balloons, blimps, gliders, etc	1,000	1.6	2.8	5.0	6.2	5.9	6.3	6.3	(NA
Airman certificates held		1,002	1,028	1,195	1,133	1,131	1,149	1,105	1,111
Pilot 1	1,000	733	728	827	733	718	722	710	709
Held by women	Percent	4.0	5.2	6.4	6.2	6.1	6.1	6.1	6.1
Airline transport		34	43	70	73	75	79	83	87
Commercial		187	189	183	165	159	155	152	148
Private		304	306	357	322	319	320	311	306
Student		196	177	200	156	147	150	147	150
Nonpilot *		269	300	368	400	413	427	395	410
Ground technicians *	1,000	241	271	321	352	365	376	341	353
FAA employees: Total	Number	(NA)	56,732	55,340	46,897	46,993	47,178	47,245	46,809
Air traffic control specialists 10	Number	(NA)	26,790	27,190	20,906	21,271	21,759	22,115	22,036
Full performance 11 Developmental 11	Number	(NA)	(NA)	16,317	9,0781	10 400	11,031	11,672	12,533
Developmental 13	Number	(NA)	(NA)	4,387	6,246	15,458	4,848	4,304	3,976
Assistants 11	Number	(x)	(x)	(x)	1,166	1,367	1,475	1,465	1,479
Electronic technicians	Number	(NA)	9,149	8,871	8,031	7,633	7,229	6,856	6.600
Aviation safety inspectors	Number	(NA)	2.082	2.038	1.835	1,805	1,945	1,897	2.20
Engineers	Number	(NA)	2,597	2,436	2,238	2,313	2,419	2,457	2.41
Other	Number	(NA)	16,114	14,805	13,887	13,971	13,826	13,920	13,552
General aviation: 5	1,480,1830,110.11	644	1.00	1,1,000	.01001	10,01	10,000	10,000	,
Hours flown	Million	26.0	32.0	41.0	36.5	35.2	36.1	34.1	(NA
Fuel consumed: 12	Williamone	20.0	32.0	41.0	30.5	30.2	30.1	34.1	- free
Gasoline	Mil. gal	362	397	520	448	428	462	420	(NA
Jet fuel 18	Mil. gal	415	510	766	887	613	739	691	(NA
		410	310	700	007	013	130	091	free
General aviation 5	Number	4,712	3,995	3,590	3,231	3,060	3,011	2.745	2,56
Fatal	Number		633	618	589	554	545	500	46
Rate per 100,000 aircraft hours flown			2.20	1.70	1.84	1.78	1.73	1.63	1.5
	Rate	1,310	1,252				1,114		95
Fatalities	Number			1,239	1,182	1,081		957	
Air carrier 15	Number		29	15	15	22	12	18	2
Fatal	Number	8	2	-	3	4	1	- 4	-
Rate per 1,000,000 aircraft miles flown	Rate Number	(NA) 146	122	4	233	.001	.0003	.001 197	.00
Commuter air carriers 16	Number	(NA)	48	38	26	18	22	22	1-
Fatal	Number		12	8	5	2	7	7	1 3
Rate per 1,000,000 aircraft miles flown			.07	.04	.02	.01	.02	.02	.0
Fatalities	Number	(NA)	28	37	14	11	48	37	1 0
Air taxis 17			152	171	132	140	146	152	111
Fatal	Number		24	46	31	27	23	35	3
Rate per 100,000 aircraft hours flown		(NA)	.95	1.27	.95	1.05	.75	1.26	1.1
Fatalities		(NA)	69	105	72	62	52	76	6
Hijacking incidents, worldwide	Number	83	25	40	31	33	22	35	1
U.Sregistered aircraft	Number	27	12	22	10	18	3	4	1 3
									1
Successful 18	Number.	18	4	13	4	13	2	2	
Successful 1* Foreign-registered aircraft		18 56	13	13	21	13	19	31	1 1

<sup>-</sup> Represents or rounds to zero. NA Not available. X Not applicable. ¹ Existing airports, heliports, seeplane bases, etc. recorded with FAA. Includes military airports with joint civil and military use. Includes U.S. outlying areas. Airport-type definitions: Public—publicly owned and under control of a public agency; private—owned by a private individual or corporation. May or may not be open for public use. ª Fiscal year data. Does not include System Planning Grants. Includes U.S. outlying areas. 1970-1982 data are obligated Federal funds for the Airport Development Aid Program. 1983-1986 data are appropriated Federal funds under the Airport and Airway improvement Act of 1982. ª Registered arcraft that flew 1 or more hours during the year. ⁴ includes helicopters. ª See text, section 22. ⁴ includes autogyros; excludes air carrier helicopters. ¹ Includes allowed pilots who held only a helicopter, glider, or lighter than air certificate, not shown separately. ª includes dispatchers, flight nevigators and engineers, and ground technician—mechanics, pracritude riggers, and ground instructors. ⁴ No medical examinations are required, herefore, data represent all certificates on record and include retried or otherwise inactive technicians. 1º includes staff sostions, managers, and supervisors not shown separately. ¹¹¹ Serving in-flight service stations, towers, and centers. ¹¹² Source: 1970 and nepthha-type jet fuels. ¹¹ Data from National Transportation Selety Board. ¹¹² Beginning 1975, includes all scheduled service of U.S. Air Carriers operating under 14 CFR 135. ¹¹ Beginning in 1975, includes all nonscheduled service of the U.S. Air Carriers operating under 14 CFR 135. ¹¹ Beginning in 1975, includes all nonscheduled service of the U.S. Air Carriers operating under 15 CFR 135. ¹¹ Beginning in 1975, includes all nonscheduled service of the U.S. Air Carriers operating under 15 CFR 135. ¹² Beginning in 1975, includes all nonscheduled service of the U.S. Air Carriers operating under 15 CFR 135. ¹² Beginning in 1975, inc

Source: U.S. Federal Aviation Administration, FAA Statistical Handbook of Aviation, annual; and unpublished data. Includes data om U.S. Department of Transportation, Research and Special Programs Administration.

### Transportation—Air and Water

#### No. 1029, U.S. AIRCRAFT SHIPMENTS: 1970 TO 1987

#### (Value in millions of dollars)

	TO	TAL			CI	VIL			MILI	YRAT
YEAR	Units	Value	La	rge ports 1		neral tion <sup>1</sup>	Helico	opters	Units	Value
			Units	Value	Units	Value	Units	Value		
1970 1975 1980 1981 1982 1982 1983 1984 1984 1985	11,632 16,918 14,660 11,860 6,248 4,407 3,932 3,620 3,079 2,775	7,511 9,355 18,845 20,157 19,266 25,232 25,471 31,496 34,168 34,740	311 285 383 388 236 262 188 273 329 340	3,158 4,006 9,793 9,731 6,254 8,493 6,343 9,375 11,120 12,200	7,292 14,056 11,877 9,457 4,266 2,691 2,438 2,033 1,495 1,225	337 1,033 2,486 2,920 2,000 1,470 1,698 1,435 1,260 1,100	495 838 1,353 953 587 401 376 384 330 315	49 266 674 636 365 269 330 506 288 340	3,534 1,739 1,047 1,062 1,159 1,053 930 930 925 895	3,967 4,050 5,892 6,870 10,647 15,000 17,100 20,180 21,500 21,100

<sup>&</sup>lt;sup>1</sup> Capacity over 70 seets. <sup>8</sup> Includes aircraft kits for exports. <sup>3</sup> Estimated. <sup>4</sup> Forecast.

Source: U.S. Department of Commerce, International Trade Administration, U.S. Industrial Outlook, 1987.

### No. 1030. EMPLOYMENT AND EARNINGS IN AIRCRAFT INDUSTRIES: 1970 TO 1986

#### [Annual averages of monthly figures]

SIC 1	ITEM	Unit	1970	1975	1980	1982	1983	1984	1985	1986
(x) 3721 3724 3728 376	Employment: Total Aircraft Aircraft engines and engine parts Aircraft equipment, n.e.c. Guided missiles, space vehicles, and parts.	1,000 1,000 1,000 1,000 1,000	664 371 (NA) (NA)	607 293 126 95 93	763 349 163 140 111	732 320 149 132 131	720 305 140 134 141	746 306 140 146 154	814 326 148 163 177	877 339 153 183 202
(x) 3721 3724 376	Average weekly earnings: <sup>3</sup> Aircraft Aircraft engines and parts Guided missiles, space vehicles, and parts	Dollars Dollars	169 (NA) (NA)	256 247 245	404 394 378	485 454 447	(NA) 476 481	(NA) 523 499	(NA) 542 513	(NA) 561 518
(x) 3721 3724 376	Average hourly earnings: <sup>5</sup> Aircraft Aircraft engines and parts Guided missiles, space vehicles, and parts	Dollars Dollars	4.17 (NA) (NA)	6.21 6.04 6.02	9.66 9.42 9.22	11.85 11.16 10.95	(NA) 11.61 11.61	12.91 12.40 11.88	* 13.18 12.85 12.09	13.48 13.08 12.21

NA Not evallable. X Not applicable. 

Standard Industrial Classification; see text, section 13. 

\*Ne.c.—not elsewhere classified. 

\*For production workers. 

\*Excludes tump-sum payments. Earnings include proration of tump-sum payments: \$13.11 in 1984; \$13.40 in 1985; \$13.78 in 1986.

Source: U.S. Bureau of Labor Statistics, Employment and Earnings, monthly.

### No. 1031. AEROSPACE INDUSTRY-SUMMARY: 1975 TO 1987

[For calendar year, except employment and earnings annual averages of monthly figures, includes Standard Industrial Classification Codes 372 and 378, industry shipments refer to the total value of all products shipped by establishments classified in the industry. Product shipments refer to the total value of specific products shipped, irrespective of how the establishments which made them are classified]

ITEM	Unit	1975	1979	1965	1961	1902	1982	1984	1986	1986 1	1967 *
INDUSTRY DATA	,										
Value of shipments In 1982 dollars Employment, total Production workers. Average hourly semings.	Mil. doi 1,000 1,000 Doi	58,263 566 312 6.53	66,557 682 374 8.91	71,696 721 387 9.90	64,837 71,145 732 377 11.19	66,468 66,466 665 349 12.23	70,876 690 341 13.06	77,826 71,542 693 344 13.24	90,795 82,608 746 372 13.88	96,576 85,010 788 381 13.93	103,52- 87,900 78: 387 (NA
Capital expanditures	Mil. dol	478	1,550	1,923	2,005	2,143	2,158	3,050	3,784	(NA)	044
Value of shipments	Mil. dol	54,316	43,663 60,296 71.8		58,958 84,762 90.8	60,024 60,024 100.0		70,200 64,400 108.7	60,625 73,296 109.7	67,002 76,560 113.5	93,60 79,40 117.
Value of imports	MII. dol Mii. dol	747 7,354	1,395 11,520	3,190 15,426	4,325 17,523	4,242 15,335	3,455 15,819	4,917 15,081	6,083 18,726	7,885 19,728	8,35 20,28

NA Not available. <sup>1</sup> Estimated. <sup>2</sup> Forecast.

Source: U.S. Department of Commerce, International Trade Administration, U.S. Industrial Outlook, 1987.

### Aerospace Sales and New Orders-Exports of Vehicles and Equipment 597

#### NO. 1032. AEROSPACE--SALES, NEW ORDERS, AND BACKLOG: 1970 TO 1986

In billions of dollars, except as indicated. Reported by establishments in which the principal business is the development and/ or production of aerospace products)

ITEM	1979	1978	1900	1061	1982	1963	1984	1995	1986
et sales Percent of U.S. Government. Complete aircraft and perts 1. Aircraft engines and perts 1. Miselse and perts Uther products, services et, new orders. actiog, Dec. 31.	3.1 5.4	29.5 58.7 11.3 3.4 6.3 8.5 29.0 35.0	58.4 45.6 22.6 6.9 8.4 20.5 70.4 90.5	69.9 47.2 25.1 8.5 4.7 31.6 72.7 93.4	75.5 55.9 23.2 8.7 5.7 37.9 64.9 103.5	63.5 58.8 27.3 8.6 12.7 34.8 91.6 116.6	88.9 62.7 26.3 9.1 13.6 38.0 104.9 132.5	100.5 63.2 34.2 9.7 16.7 39.8 111.0 143.0	105.8 61.9 38.0 9.8 17.5 40.3 110.8 148.2

<sup>&</sup>lt;sup>1</sup> Except engines sold separately.

Source: U.S. Bureau of the Census, Current Industrial Reports, series MA-37D.

# No. 1033. AEROSPACE INDUSTRY SALES, BY PRODUCT GROUP AND CUSTOMER: 1970 TO 1986 [In billions of dollars. Due to reporting practices and tabulating methods, figures may differ from those in table 1032]

1000		C	URRENT	DOLLA	RS			CONST	TANT (1	982) DO	LLARS 1	
ITEM	1970	1975	1980	1984	1985	1986 1	1970	1975	1980	1984	1985	1986
Total sales	25.6	29.7	54.7	83.5	96.6	103.5	69.9	56.0	68.1	76.7	87.9	91.1
ircraft, total Civil ** Military ** Issiles ** pace ** clated products and services ** CUSTOMER GROUP	14.1 4.4 9.7 4.1 4.7 2.6	16.4 6.5 10.0 3.8 4.7 4.8	31.5 16.3 15.2 6.5 7.9 8.8	41.9 10.7 31.2 11.3 16.3 13.9	50.5 13.7 36.8 11.4 18.6 16.1	53.2 15.2 38.0 12.6 20.5 17.2	38.5 12.0 26.5 11.2 12.9 7.1	31.0 12.2 18.8 7.1 8.8 9.1	39.2 20.3 18.9 8.1 9.9 10.9	38.5 9.8 28.7 10.4 15.0 12.8	45.9 12.5 33.4 10.4 16.9 14.6	46.8 13.4 33.4 11.1 18.0 15.2
erospace, total	22.9 14.6 3.0 5.3 2.6	24.9 13.1 2.8 8.9 4.8	45.9 22.8 4.1 19.0 8.8	69.6 46.0 6.1 17.5 13.9	80.5 53.2 6.3 21.0 16.1	86.3 58.4 6.6 21.3 17.2	62.6 39.9 8.2 14.5 7.1	47.0 24.8 5.3 16.9 9.1	57.1 28.4 5.1 23.6 10.9	63.9 42.3 5.6 16.1 12.8	73.2 48.4 5.7 19.1 14.6	76.0 51.5 5.8 18.7 15.2

Preliminary.
 Based on aerospace composite price defistor supplied by the U.S. International Trade Administration.
 All civil sales of aircraft (domestic and export sales of jet transports, commuters, business and personal aircraft and alloopters).
 Plactronics, software, and ground support equipment, plus sales of non-aerospace products which are produced by aerospace-menufacturing establishments and which use technology, processes, and materials derived from aerospace products.
 Popertment of Defense.
 National Aeronautics and Space Administration.
 Tincludes civil aircraft sales (see footnote 3), ommercial space sales, all exports of military aircraft and missiles and related propulsion and parts.

Source: Aerospace Industries Association of America, Inc., Washington, DC, Aerospace Facts and Figures, 1987/88.

#### No. 1034, U.S. EXPORTS OF AEROSPACE VEHICLES AND EQUIPMENT: 1980 TO 1987

The last state of the last sta		NUM	BER OF	UNITS			VAL	UE (mil.	dol.)	
ITEM	1980	1984	1985	1986	1987 1	1980	1984	1985	1986	1987
erospace vehicles and equipment, total		(NA)	(NA)	(NA)	(NA)	15,681	15,061	18,726	19,727	20,285
Civil aircraft, total	4,434	1,045	1,050	1,326	1,197	8,378	4,147	6,694	7,365	6,960
Under 10,000 lbs. empty weight, new		407	465	426	490	657	146	147	174	170
10,000-33,000 lbs. empty weight, new	28	16	19	38	25	83	97	44	69	50
Over 33,000 lbs. empty weight, new	237	85	152	158	152	6,849	3,220	5,518	6,276	5,800
Rotary wing, new	525	233	137	210	210	299	234	210	277	360
Other new aircraft, n.e.c.2	(NA)	(NA)	(NA)	(NA)	(NA)	5	157	442	68	180
Used, rebuilt, and converted		304	277	494	320	486	293	333	501	
Military aircraft, total		381	322	405	325	949	1,581	2,012	1,502	1,550
Aircraft engines and parts, total	(NA)	(NA)	(NA)	(NA)	(NA)	1,887	2,984	3,283	3,660	3,945
Internal combustion and parts		(NA)	(NA)	(NA)	(NA)	270	269	303	325	325
Military, new and used		90	72	144	65	4	16	2	3	
Non-military, new	1,848	995	984	1,060	1,020	25	16	20	21	16
Non-military, used	1,365	1,198	1,402	1,415	1,200	17	20	24	21	21
Parts, n.e.c. <sup>2</sup>	(NA)	(NA)	(NA)	(NA)	(NA)	224	217	257	280	280
Turbines and parts		(NA)	(NA)	(NA)	(NA)	1,616	2,715	2,980	3,335	3,620
Military, new or used	254	308	244	135	200	59	125	144	108	150
Non-military, new and used		1,264	2,317	1,342	1,400	514	1,021	880	944	1,070
Parts, n.e.c. <sup>2</sup>	(NA)	(NA)	(NA)	(NA)	(NA)	1,044	1,569	1,956	2,283	2,400
Missile engines and parts	(NA)	(NA)	(NA)	(NA)	(NA)	29	28	34	33	40
Propellers and parts	(NA)	(NA)	(NA)	(NA)	(NA)	57	37	55	49	70
Landing gear and parts	(NA)	(NA)	(NA)	(NA)	(NA)	92	124	102	127	130
Aircraft parts and accessories, n.e.c. <sup>3</sup>		(NA)	(NA)	(NA)	(NA)	3,436	4,931	5,449	5,960	6,300
Guided missiles and space vehicles		(NA)	(NA)	(NA)	(NA)	327	288	404	303	440
Flight simulators	(NA)	(NA)	(NA)	(NA)	(NA)	54	117	82	126	140
Space vehicle equipment, n.e.c. <sup>2</sup>		(NA)	(NA)	(NA)	(NA)	392	646	387	322	400
Avionics	(NA)	(NA)	(NA)	(NA)	(NA)	80	198	224	280	310

NA Not available. <sup>1</sup> Forecast. <sup>2</sup> N.e.c. means not elecuhere classified.

Source: U.S. Dept. of Commerce, International Trade Administration, U.S. Industrial Outlook, annual.

#### No. 1035, U.S. RECEIPTS AND PAYMENTS FOR INTERNATIONAL TRANSPORTATION: 1970 TO 1986

[in millions of dollars, Data are international transportation transactions recorded for balance of payment purposes (see table 1329). Receipts include freight on exports carried by U.S.-operated carriers and foreign cerrier expenditures in U.S. ports. Payments include freight on imports carried by foreign carriers and U.S. cerriers and U.S. cerriers and Freight on exports carried by toreign acriers is excluded since such payments are directly or indirectly for toreign account. Similarly, height on U.S. imports carried by U.S. carriers is a domestic rather than an international transaction. Minus sign (—) indicates excess of payments over receipts. See Historical Statistics, Colonial Times to 1970, series U.S. and U.10, for totals]

ITEM	1979	1975	1979	1965	1961	1982	1983	1984	1985	1986
Total receipts	3,060	6,879	12,127	14,206	16,571	15,401	15,627	16,837	17,106	10,702
Ocean transportation		4,065 1,163	6,868 2,091	7,757 2,641	6,028 2,803	7,685 2,549	8,133 2,881	8,848 2,702	8,819 2,866	9,395 2,809
between foreign countries	209 1,408 37	328 2,481 73	480 4,235 62	589 4,435 93	581 4,552 112	555 4,4 <b>66</b> 113	575 4, <b>562</b> 115	563 5,457 127	574 5,247 132	576 6,070 140
Air transportation  Export freight earnings Passenger fares Port expenditures Other transportation	187 541	2,515 390 1,039 1,086 299	4,811 577 2,156 2,078 446	5,946 742 2,591 2,613 505	7,180 752 3,111 3,297 463	7,326 762 3,174 3,390 480	7,023 576 3,037 3,410 471	7,473 645 3,028 3,800 515	7,866 708 3,040 4,080 461	8,495 783 3,562 4,150 862
Total payments	4,068	7,971	14,000	15,307	15,081	16,452	17,788	21,345	23,165	23,941
Ocean transportation	1,444 245	4,465 3,047 278 755 385	8,379 6,084 258 1,607 430	8,447 5,809 266 1,905 465	8,900 6,073 287 2,054 486	8,307 5,582 290 1,957 499	8,624 5,827 305 1,950 512	10,560 7,755 305 1,972 528	11,210 8,306 320 2,048 536	11,960 9,076 320 2,026 538
Air transportation	115 970 496	3,346 246 1,985 1,115 180	5,448 506 2,926 2,016 283	6,705 562 3,339 2,804 245	7,785 671 4,260 2,914 276	7,938 725 4,482 2,731 237	8,842 1,066 5,179 2,597 240	10,542 1,633 6,197 2,712 243	11,729 1,663 6,993 3,053 226	11,681 2,059 6,522 3,100 300
Receipts belence		-1,002	-1,562	_ 1,196	_ 1 <b>,29</b> 0	-961	- 2,079	-4,000	-6,000	- 5,190

Source: U.S. Bureau of Economic Analysis, Survey of Current Business, June issues, and unpublished data.

#### No. 1036. Exports and Imports, by Method of Transport: 1970 to 1986

(Exports are free alongside ship (f.a.s.) value (see text, section 29) for all years; imports are f.a.s. value for 1975 and 1980 and customs value for other years. Export data include both domestic and foreign; import data for general imports only. For details, see source!

	Itali			EXP	ORTS					IMP	ORTS		
ITEM	Unit	1970	1975	1980	1984	1985	1986	1970	1975	1980	1984	1985	1986
All methods 1	Bil. dol Bil. dol Bil. tb Bil. lb	43.2 24.6 6.1 480.5	107.6 63.4 15.2 538.5 1.4	220.7 120.9 46.1 801.8 2.3	217.9 102.0 53.4 750.0 2.2	91.7 52.3	90.1 63.4	40.0 24.8 3.4 598.4	96.9 63.5 8.9 855.3 1.1	240.8 165.1 28.0 976.8 1.3	193.0 52.3	345.3 208.4 51.3 797.0 2.9	370.0 221.6 62.0 914.2 2.8

<sup>1</sup> includes types other than vessel and air.

Source: U.S. Bureau of the Census, Highlights of U.S. Export and Import Trade, FT 990, monthly.

# No. 1037. FEDERAL EXPENDITURES FOR CIVIL FUNCTIONS OF THE CORPS OF ENGINEERS, UNITED STATES ARMY: 1960 TO 1966

[In millions of dollars. For flecal years ending in year shown, see text, section 9. These expenditures represent the work of the Corps of Engineers to plan, design, construct, operate, and maintain civil works projects and activities, particularly in the management and improvement of rivers, harbors, and waterways for navigation, flood control, and multiple purposes. The amounts listed below do not include the expenditure of funds contributed, advanced, or reimbursed by other government agencies or local interests. Includes Puerto Rico and outlying areas]

FISCAL YEAR	Total pro- gram <sup>1</sup>	Nevi- gation	Flood	Multi- ple pur- pose	FISCAL YEAR	Total pro- gram <sup>1</sup>	Nevi- gation	Flood	Multi- ple pur- pose
1980	2,070 2,340 2,645	310 426 396 694 792 951 1,083	293 447 379 904 918 1,069 1,218	270 283 331 439 594 563 577	1960	3,081 3,199 2,940 2,959 3,065 2,966 3,163	1,225 1,339 1,331 1,290 1,363 1,234 1,266	1,228 1,273 1,083 1,083 1,154 1,167 1,377	551 527 453 482 445 419 401

¹ includes expenditures which are not associated with a specific purpose (e.g., headquarters staff supervision, management, and administration activities, and some research and development activities).

Source: U.S. Army Corps of Engineers, Report of Civil Works Expenditures by State and Flecal Year, annual.

#### NO. 1038. FREIGHT CARRIED ON INLAND WATERWAYS, BY SYSTEM: 1960 TO 1965

[In billions of ton-miles. Excludes Alaska and Hewell, except as noted. Includes waterways, canals, and connecting channels]

SYSTEM	1960	1970	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	220.3	318.6	372.9	368.3	409.3	424.6	406.9	410.2	351.2	359.0	399.0	381.7
Atlantic coast waterways Gulf coast waterways Pacific coast waterways <sup>1</sup> Mississippi River system <sup>2</sup> Great Lakes System <sup>3</sup>	28.6 16.9 6.0 69.3 99.5	28.6 28.6 8.4 138.5 114.5	32.1 34.3 11.3 189.5 105.6	30.4 37.6 12.8 196.9 90.7	30.5 37.1 13.6 209.3 118.9	31.9 38.1 14.1 218.8 121.7	30.4 36.6 14.9 228.9 96.0	28.3 35.1 14.4 234.4 98.0	25.4 31.8 12.8 218.0 63.2	22.5 32.4 13.2 223.0 67.9	24.7 36.7 20.5 234.6 82.5	24.8 36.5 19.9 224.7 75.8

Includes Aleskan weterways. \*Comprises main channels and all tributaries of the Mississippi, Minois, Missouri, and Ohio Rilvers. \*Does not include traffic between foreign ports.

Source: U.S. Army Corps of Engineers, Waterborne Commerce of the United States, annual.

# No. 1039. WATERBORNE IMPORTS AND EXPORTS—CARGO TONNAGE AND VALUE, BY COASTAL DISTRICT: 1970 TO 1986

[Exports are free alongside ship (f.s.s.) value for all years; imports are f.s.s. value for 1975 and 1950 and customs value for other years see text, section 29, includes commodities classified for security rescence as "Special Category" (exports only) and exports by Dept, of Defense (grant-sid shipments), and merchandise shipped in transit through the U.S. See Appendix III]

No. Contraction		CAR	GO TON	NAGE (n	nil. sh. t	ions)				VAL	UE (bil.	dol.)		
DISTRICT	1970	1975	1980	1983	1984	1985	1986	1970	1975	1980	1983	1984	1985	1986
Imports: Atlantic Gulf Pacific Great Lakes	219	232	183	171	197	190	216	15.0	34.7	71.5	75.5	92.6	94.4	97.5
	47	134	243	140	155	141	171	2.9	14.3	56.4	32.5	35.7	32.8	27.0
	31	64	56	44	47	51	53	5.5	15.2	45.0	53.9	70.6	90.4	104.0
	26	22	16	16	18	17	14	1.3	1.7	1.9	2.0	2.7	2.8	2.3
Exports: Atlantic	79	80	117	87	82	93	83	11.9	28.7	51.0	41.2	37.5	35.2	36.3
	78	106	163	164	167	144	135	6.9	21.4	41.5	36.0	37.3	31.8	29.0
	48	49	78	78	86	81	82	4.1	10.0	25.2	25.1	27.2	25.8	26.3
	36	35	45	32	41	34	32	1.4	2.8	4.6	2.6	3.4	2.4	1.0

Source: U.S. Bureau of the Ceneus, U.S. Waterborne Exports and General Imports, FT 985, annual.

# No. 1040. DOMESTIC AND FOREIGN WATERBORNE COMMERCE, BY TYPE OF COMMODITY: 1970 TO 1985

[In millions of short tons. Domestic trade includes all commercial movements between U.S. ports and on inland rivers, Great Lakes, canals, and connecting channels of U.S., Puerto Rico, and Virgin Islands. Figures may differ from those shown in table 1039 due to minor differences in basic concepts]

	197	79	197	75	19	<b>86</b>	l	190	8	
COMMODITY		0.		Do-		Do-		Do-	Fore	sign .
	Total	Do- mestic	Total	mestic	Total	mestic	Total	mestic	lm- ports	Ex- ports
Net total	1,531.7	950.7	1,006.0	946.3	1,900.9	1,077.5	1,788.4	1,014.1	412.7	261.
Petroleum products 1	394.7	267.3	407.6	328.5	423.2	339.2	368.8	259.0	74.1	35.
Gasoline	89.3	88.7	95.7	92.2	87.3	81.0	94.0	78.0	15.2	
Distillate fuel oil	78.8	76.9	93.4	87.0	74.6	72.1	70.0	55.0	11.0	4.
Residual fuel oil		76.8	172.1	111.5	188.0	141.3	130.0	83.7	33.7	12.
Crude petroleum	210.5	116.3	333.8	77.9	480.2	174.2	357.7	194.7	163.0	
Coal and lignite	225.4	154.1	219.0	152.8	256.4	164.1	273.9	179.9	1.7	92.
Nonmetallic minerals 1 8		132.6	159.2	123.3	157.1	111.6	150.7	108.5	22.8	19.
Sand and gravel *	78.4	73.9	72.4	67.9	65.1	60.8	86.4	62.0	2.7	1.
Limestone	42.0	34.1	37.8	29.1	34.2	23.9	24.5	21.9	.5	2.
Phosphate rock	16.6	5.8	20.1	9.4	23.7	9.5	19.4	8.4	.1	10.
ron and concentrates		75.2	121.4	69.3	98.4	64.9	72.7	50.0	17.1	5.
Farm products 1	90.4	28.5	144.3	43.1	216.6	63.4	172.8	60.0	6.7	106.
Com	27.2	11.7	58.8	20.8	98.6	30.8	76.3	29.0	1 .1	47.
Wheat	25.0	5.8	44.4	10.4	53.4	14.3	38.0	10.6	.1	27.
Soybeans	21.2	8.3	23.2	9.4	39.6	16.1	32.9	14.9	-	18.
Thermicals and allied products	62.0	39.7	66.5	40.0	91.9	49.4	108.5	53.3	25.2	30.
ood and kindred products	35.0	11.0	35.5	13.3	54.8	20.4	52.5	17.6	14.5	20.
umber and wood products 4	49.9	27.3	46.2	24.7	52.0	22.7	47.2	18.8	4.6	23
Yimary metal products	42.4	10.8	36.1	9.3	28.9	9.0	33.4	8.5	23.6	1.
Vaste and scrap	25.9	16.0	26.0	16.8	31.1	18.8	37.4	23.9	.4	13
Wher	99.7	51.9	93.5	45.5	108.1	39.8	112.8	40.0	58.9	13

Represents zero. ¹ Includes categories not shown separately. ² Excludes fuels. ² Includes crushed rock.
 Excludes furniture.

Source: U.S. Army Corps of Engineers, Waterborne Commerce of the United States, annual.

#### No. 1041. VESSELS ENTERED AND CLEARED IN FOREIGN TRADE—NET REGISTERED TONNAGE, BY FLAG OF CARRIER VESSEL: 1981 TO 1986

[in millions of net tons, except as indicated, includes Puerto Pico and Virgin Islands. Seaports comprise all ports except Great Lakes ports. See also Historical Statistics, Colonial Times to 1970, series Q 507-517]

		ALI	PORTS					SEAP	ORTS		
NAME OF TAXABLE PARTY OF TAXABLE PARTY.		T	onnage,	all ves	sels	Tonn	age, all	vessels	Tonn	age, wit	th cargo
YEARLY AVERAGE OR YEAR	Number of vessels	Total	u.s.	Per- cent U.S.	Foreign	Total	U.S.	Foreign	Total	U.S.	Foreign
Entered:		100			- 5/			100			
1961-1965	49.670	188	33	17.9	155	166	30	136	128	19	100
1966-1970	53,459	232	29	12.5	203	206	27	180	157	18	136
1971-1975	53,760	319	30	9.5	290	292	28	264	220	24	196
1976-1980	53,700	458	40	8.7	418	425	38	387	316	30	286
1981-1985	50,124	452	57	12.4	395	424	55	369	277	36	24
1970	53,293	254	26	10.3	228	227	24	202	171	19	153
1975	51,443	355	32	9.9	323	326	30	297	240	26	215
	53,645	492	52	10.6	440	460	50	410	310	34	276
1980	47,144	442	62	14.0	380	416	60	355	262	39	223
1983	49,239	459	53	11.5	406	429	51	378	291	33	256
1984		451	53	11.7	398	426	52	374	283	34	249
1985	53,531 56,859	489	49	10.0	439	463	48	415	310	32	278
1986	30,039	409	49	10.0	439	403	40	415	310	32	211
Cleared:		120		D-N			1.5		7		
1961-1965	48,098	189	34	17.9	155	168	30	137	96	20	76
1966-1970	52,415	232	30	12.8	202	206	27	179	122	23	96
1971-1975	53,039	324	31	9.9	293	296	29	267	149	21	127
1976-1980	52,931	453	41	9.1	412	420	38	382	203	26	177
1981-1985	50,291	460	57	12.4	403	432	55	377	251	34	217
1970	52,195	253	27	10.6	226	226	25	201	132	20	112
1975	51,017	363	34	10.3	329	334	31	303	168	23	144
1980	52,928	487	54	11.1	433	456	51	405	246	33	213
1983	47,499	449	62	13.6	387	423	60	363	247	36	211
1984	49,819	468	54	11.5	414	438	51	387	250	32	218
1985	53,095	461	55	11.9	406	435	53	382	253	36	217
1986	55,710	491	51	10.4	441	466	49	417	246	33	212

Source: U.S. Bureau of the Census, through 1985, Foreign Commerce and Navigation of the United States; thereafter, Viscosi Entrances and Clearances, FT 975, annual.

# No. 1042. VESSELS ENTERED AND CLEARED IN FOREIGN TRADE—NET REGISTERED TONNAGE, BY COASTAL DISTRICTS: 1970 TO 1986

(in millions of net tons. Excludes domestic trade. Virgin Islands and Puerto Rico included in South Atlantic Coast, Hewall in South Pacific Coast, Aleska in North Pacific Coast)

Access and and		٧	ESSELS	ENTER	ED			٧	ESSELS	CLEAR	ED	
COASTAL DISTRICT	1970	1975	1980	1984	1985	1986	1970	1975	1980	1984	1985	1986
North Atlantic Coast	102.1	114.2	118.6	116.2	114.5 85.9	121.4	99.9 43.7	116.6 50.6	115.2 57.8	107.0	52.7	116.2
South Atlantic Coast	36.1	48.0 33.8	65,3 41,9	63.8	68.2	77.6 44.0	31.3	46.0 14.3	60.1	62.7	63.3 25.6	70.3
Gulf Coast	36.1	89.1 60.8	172.7	138.5	127.4 84.6	146.6	42.8 36.8	96.1 54.2	175.0 85.0	144.6 79.1	134.9 73.5	153.1 73.4
South Pacific Coast	27.5	38.4	53.3 36.0	60.9 41.0	65.4	66.1 45.2	27.7	41.2	45.1 31.7	58.8	59.4 45.0	60.8
North Pacific Coast	13.6	36.8	50,6 26,6	49.5	50.0	51.4 27.8	19.0	33.8	60,3 49,0	64.8 54.7	66.7	65.8
Great Lakes	27.5 15.2	28.8	31.1	30.1 13.5	26.3 11.6	25.4 11.7	27.2 20.2	29.4	31.5	30.0 23.1	26.1	25.1

Source: U.S. Bureau of the Census, Vessel Entrances and Clearances, FT 975, annual.

# NO. 1043. DOMESTIC MERCHANT VESSELS COMPLETED BY U.S. SHIPYARDS: 1970 TO 1985 [Vessels of 1,000 gross tone and over. See also Historical Statistics, Colonial Times to 1970, series Q 438-448]

TYPE	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Merchant vessels Gross tons Cargo Gross tons Deadweight tons Tankers Gross tons Deadweight tons	Number	13 342 6 120 134 7 222 427	15 452 3 65 71 12 387 742	16 615 4 57 76 12 558 1,176	17 884 2 25 37 15 859 1,585	14 912 2 27 30 12 885 1,392	15 1,149 4 53 47 11 1,096 1,901	10 375 6 105 114 4 270 354	12 275 2 53 73 10 222 358	337 6 221 219 5 116 226	13 376 6 228 219 7 148 277	5 118 5 118 210	172 4 113 97 4 59 92

- Represents zero.

Source: U.S. Maritime Administration, New Ship Construction, annual.

# No. 1044. UNITED STATES FLAG MERCHANT VESSELS—Number and Vessel Deadweight Tonnage: 1970 to 1986

[Deadweight tennage in thousands. As of and of fiscal year; see text, section 9. Covers ocsangoing vessels of 1,000 gross tons and over engaged in foreign and domestic trade, and inactive vessels. Excludes special types such as tugs, barges, cable ships, fishing traviers, and vessels employed on Great Lakes. See also Historical Statistics, Colonial Times to 1970, series Q 487-502]

1,000			CARG	1 0					TA	NKER		
ITEM	1970	1975	1980	1984	1985	1986	1970	1975	1980	1984	1985	1986
Number of vessels	1,479	612	553	477	485	484	301	279	310	272	263	254
Active:			1	1	Date.	1,500		1	1	100	14	11
Foreign trade	354	228	195	122	129	123	32	39	32	38	32	33
Domestic trade *	70	49	46	41	36	37	175	156	211	142	135	131
Coastwise	10	17	12	5	4	5	132	136	103	25	24	43
Noncontiguous	43	29	34	30	30	29	35	12	45	47	52	43
Special service	146	34	44	38	45	41	42	26	23	27	26	26
nactive:	1 4	1.24	100	1	1 7	100	100					
Temporarily	41	38	31	62	58	55	22	31	24	51	50	42
Reserve fleet	868	263	237	214	217	228	30	27	20	14	20	22
Vessel deadweight tonnage	15,445	8,175	7,872	7,876	8,792	9,106	7,835	9,433	16,107	16,089	15,647	15,393
Active:	11400.1	Lange P	1000		100	100	1000	100		677.5		100
Foreign trade	4,699	3,901	3,826	3,108	3,623	3,468	1.076	2,303	2,793	2,324	1.825	2.007
Domestic trade 1	850	832	713	813	659	775	4,518	4,855	10,546	8,793	8,909	8,699
Coastwise	116	354	200	148	108	153	3,483	4,299	3,078	1,170	1,028	1,838
Noncontiguous	482	424	479	481	509	549	870	339	3,699	4,783	5,534	5,068
Special service	1,741	459	560	587	932	860	1,189	755	661	834	747	745
Inactive:	100				13.	1				100		
Temporarily	472	541	451	1.023	1,169	1.204	691	1.173	1.806	3.823	3,758	3,474
Reserve fleet	7.684	2,442	2,322	2,345	2,409	2,799	361	347	301	315	408	468

<sup>&</sup>lt;sup>1</sup> Includes combination passenger and cargo vessels, not shown separately.

<sup>2</sup> Includes intercoastal, not shown separately.

<sup>3</sup> Includes intercoastal, not shown separately.

Source: U.S. Maritime Administration, Employment Report of the United States Flag Merchant Fleet Ocean-going Vessels 1,000 Gross Tons and Over, annual.

#### No. 1045, PRIVATE SHIPYARDS—SUMMARY: 1970 TO 1987

[For calendar year, unless noted. See also Historical Statistics, Colonial Times to 1970, series Q 449-458 and series Q 467-472]

ITEM	Unit	1970	1975	1980	1981	1982	1983	1984	1965	1986	1987
Employment	1,000	133.4	166.9	177.3	178.9	166.9	143.0	142.0	130.3	127.2	1 123.0
Production workers	1,000		133.4	141.8	142.2	130.8	112.0	111.0	99.0	96.8	93.7
Value of work done	Mil. dol	2,682	5,615	9,269	11,001	10,979	9.883	8.944	9,358	(NA)	(NA)
On ships only	Mil. dol	2.594	5,513	8,889	10,690	10,655	9,107	8,308	9,483	(NA)	(NA)
Value added	Mil. dol	1,616	2,923	5,338	6,304	6,386	5,752	5,206	5,740	(NA)	(NA)
Building activity: Merchant vessels: 2											
Under construction 3	Number	49	96	69	49	35	21	10	10	7	6
Ordered	Number		14	7	9	3	4	5		-	(NA)
Delivered	Number	13	19	23	22	17	15	5	3	1	(NA)
Cancelled	Number	-	12	4	1		4	1,4	-	- 10	(NA)
Under contract 4	Number			49	35	21	10	10	7	6	(NA)
Naval vessels: 1		-	1		100	1		100	100	1	
Under construction a	Number	108	63	99	91	93	105	111	100	85	79
Ordered			16	11	28	30	27	11	11	16	(NA
Delivered	Number		3	19	26	18	21	22	26	20	(NA
Under contract *	Number		76	91	93	105	111	100	85	* 79	(NA)
Repairs/conversions:					9-1				1	. 631	
Commercial ships	Mil. dol	431	688	1,335	1,568	1,592	1,003	913	1,179	(NA)	(NA)
Naval ships	Mil. dol	359	554	1,134	1,251	1,571	1,819	1,909	2,176	(NA)	(NA)
Unfinished work: 3		100		1	200	100		1	100		
Commercial ships	Mil. dol	765	4,350	2.070	1,000	838	372	100	450	315	53
Naval ships	Mil. dol			7,107	6,760	8,025	12,200	14,003	12.091	9,595	8,265

Represents zero. NA Not available. <sup>1</sup> Estimate as of June. <sup>2</sup> Vesests of 1,000 tons or larger. <sup>2</sup> As of Jen. 1.
 <sup>4</sup> As of Dec. 31. <sup>5</sup> Two ships were cancelled during 1986.

Source: Shipbuilders Council of America, Washington, DC, Annual Report.

#### No. 1046, EMPLOYEES IN GOVERNMENT AND PRIVATE SHIPYARDS: 1960 TO 1966

[In thousends. Annual average employment in establishments primarily engaged in building and repairing all types of ships, barges, canal boats, and lighters of 5 gross tons and over, whether propelled by sail or motor power, or towed by other craft includes all full- and part-time employees]

YEAR	Total	Pri- vate yerde	Nevy yards	YEAR	Total	Pri- vate yerds	Navy yards	YEAR	Total	Pri- vate yards	Navy yards
1960 1970 1974 1975	222	112 134 161 154 166	95 63 64 65 65	1977	244	174 172 173 176 187	66 71 71 73 77	1982	252 227 229 219 207	172 143 146 136 132	80 84 83 80 75

Source: U.S. Bureau of Labor Statistics, Employment and Earnings, monthly, and unpublished data.

# NO. 1047. EMPLOYMENT ON U.S. FLAG MERCHANT VESSELS, 1970 TO 1985, AND BASIC MONTHLY (JANUARY) WAGE SCALE FOR ABLEBODIED SEAMEN, 1970 TO 1987

[Employment in thousands. See also Historical Statistics, Colonial Times to 1970, series Q 414-416]

YEAR	Em- ploy- ment <sup>1</sup>	YEAR	Em- ploy- ment <sup>1</sup>	YEAR	East coast wage rate <sup>3</sup>	West coast wage rate <sup>2</sup>	YEAR	East coast wage rate <sup>8</sup>	West coast wage rate <sup>1</sup>
1970 1975 1978 1979 1900	20.5 19.9 19.7	1961 1962 1953 1984 1985	16.7 15.3 13.7	1970 1975 1977 1978 1979 1960	612 737 604 665	\$652 900 1,072 1,172 1,267 1,414	1961	1,320 1,419 1,419	\$1,535 1,686 1,862 2,029 2,089 2,132 2,132

<sup>&</sup>lt;sup>1</sup> As of June 30, except beginning 1978, as of Sept. 30. Estimates of personnel employed on merchant ships, 1,000 gross tors and over. Excludes vessels on inland weterways, Great Lakes, and those owned by, or operated for, U.S. Army and Nevy, and special types such as cable ships, tugs, etc. <sup>2</sup> Basic monthly wage, over and above subsistance (board and room); excludes overtime and fringe pay benefits. West coast incorporates extra pay for Saturdays and Sundays at sea into base wages but east coast does not.

Source: U.S. Maritime Administration, U.S. Marchant Marine Data Sheet, monthly and unpublished data.

#### No. 1045. WORLDWIDE TANKER CASUALTIES: 1975 to 1987

[Data for 1975–1982 covers tankers, ore/oil carriers and bulk/oil vessels of 6,000 deadweight tone and over; beginning 1963, 10,000 deadweight tone and over; excludes liquid gas cerriers, incident is counted in the year it is reported. Based on data from "Lloyd's List" published by Lloyd's of London. "Cesualities" include weather damage, strandings, collisions and other contact, fires and explosions, machinery damage, and other mishaps]

ITEM	Unit	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Casualties	Number	906 22 90 45 188.0	685 17 148 35 260.5	(NA) 26 306 65 723.5	(NA) 15 132 32 135.6	(NA) 21 73 33 45.3	(NA) 21 72 9 1.8	(NA) 11 14 17 387.8	(NA) 14 68 15 22.4	340 12 53 9 79.8	451 6 23 8 5.0	127 2 3 6 3.2

NA Not available. 

1 Jan.-March. 

2 Excludes losses due to hostilities.

Source: Tanker Advisory Center, Inc., New York, NY, "Worldwide Tanker Casualty Returns," quarterly.

### No. 1049. MERCHANT VESSELS-WORLD AND UNITED STATES: 1960 TO 1986

[Vessels of 100 gross tennage and above. Excludes saling ships, nonpropelled craft, and all ships built of wood. See also Historical Statistics, Colonial Times to 1970, series Q 473-480]

	WORLD: C	OMPLETED	WORLD	OWNED	U.S.: COM	APLETED	U.S.: REGISTERED		
YEAR	Number	Gross tonnage (1,000)	Number	Gross tonnage (1,000)	Number	Gross ton- nage (1,000)	Number	Gross tonnage (1,000)	
1960 1965 1970 1980 1982 1982 1984 1984 1985	2,005 2,202 2,814 2,412 2,312 2,276 2,210 1,964 1,634	8,382 11,763 20,980 13,101 16,820 15,911 18,334 18,157 16,845	36,311 41,865 52,444 73,832 75,151 76,106 76,068 76,395 75,266	129,770 160,392 227,490 419,911 424,742 422,590 418,682 416,269 404,910	49 116 156 205 204 159 73 66 36	379 218 375 555 216 381 84 180 223	4,059 3,416 2,983 5,579 6,133 6,437 6,441 6,447 6,496	24,837 21,527 18,463 18,464 19,111 19,358 19,292 19,518 18,901	

Source: Lloyd's Register of Shipping, London, England, Statistical Tables, annual; and Annual Summary of Merchant Ships Completed in the World.

# 1050. MERCHANT VESSELS—SHIPS AND TONNAGE LOST WORLDWIDE, BY TYPE OF SHIP: 1960 TO 1965

hant vessels of 100 gross tonnage and above. Excludes ships which have been declared constructive losses but dargone repair during the year. Loss counted in the year the casualty occurred, providing that information available at elevent publication]

			SHIPS L	DST		y = 6	GROSS T	ONNAGE	LOST (1,	000)
TYPE OF SHIP	1				1985		Pal	100		1985
	1980	1983	1984	Total	Percent of total	1980	1983	1984	Total	Percent of total
	387	340	327	307	100.0	1,804	1,473	2,354	1,651	100.0
arriers <sup>2</sup> rgoships	24 21 211 2 9 96	18 26 191 1 2 71	25 17 178 3 2 73	19 22 155 5 66	6.2 7.2 50.5 1.6 21.5	707 458 478 6 112 30	487 410 511 7 5	1,542 271 401 34 17 33	776 405 363 41 26	47.0 24.5 22.0 2.5

isents zero. <sup>1</sup> Includes types not shown separately. <sup>9</sup> Includes ore/bulk/oil carriers. <sup>9</sup> Includes passenger it.
Lloyd's Register of Shipping, London, England, Casualty Return, annual.

NO. 1051. MERCHANT FLEETS OF THE WORLD: 1975 TO 1985

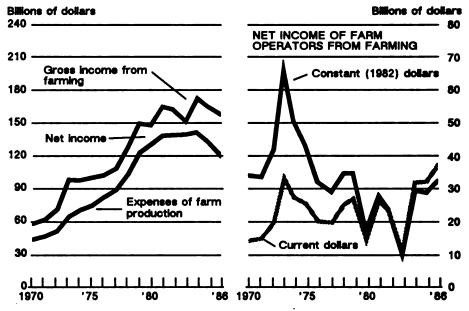
its of 1,000 gross tone and over. 1975 as of Dec. 31. Beginning 1980, as of Jen. 1 of the following year. Specified countries have 100 or more ships]

	тот	AL	PASSE		FREIGH	TERS	CARRI		TANK	ERS
COUNTRY OF REGISTRY, 1985	Num- ber	Avg. age (yr.)	Num- ber	Avg. age (yr.)	Num- ber	Avg. age (yr.)	Num- ber	Avg. age (yr.)	Num- ber	Avg. age (yr.)
world total	22,872	12	714	21	12,575	13	4,272	9	5,311	1
les	857	21	60	29	511	21	19	25	267	19
***************************************	22,015	12	654	21	12,064	13	4,253	9	5,044	1
world total	24,867	13	468	24	14,242	14	4,798	10	5,359	13
les	864	23	65	34	471	23	20	22	308	20
world total	24,003 25,555	13	403 375	22	13,771	13 15	4,778	10	5,051	1
es	737	23	375	38	13,937	25	5,787	11	5,456 258	11
owned	477	17	8	29	209	17	25	9	235	1
ent-owned	260	34	29	40	208	33	20	(x)	23	3
	24,818	14	338	23	13,520	15	5,762	11	5,198	13
	187	19	1	35	99	17	20	18	67	2
s. The	129	11	11	18	40	10	20	10	58	10
	345	14	3	25	169	17	90	7	83	1
olonies	450	12	2	24	196	15	204	10	48	12
	117	14	4	12	51	15	45	12	17	11
lainland	1,025	17	14	24	692	18	180	13	139	16
iwan	214	13	1	15	127	13	68	12	18	1:
······································	103	16	2	29	79	16	9	16	13	14
THE RESERVE OF THE PARTY OF THE	716	18	6	26	451	19	168	16	91	14
	255	8	4	17	159	8	13	8	79	1
many	161 129	15	10	23	133	14	21	19	11	1
	120	11	3	16	94 58	15	14	14	32	10
<u> </u>	268	12	6	9	138	11	38	10	86	13
	1.835	17	33	31	733	19	760	13	309	11
	109	25	1	24	79	26	7	27	22	18
	358	14	5	21	180	16	116	13	57	
Brain and the second	330	17	9	18	229	19	12	8	80	14
	108	12	3-6	-	42	14	46	9	20	13
	569	18	10	28	230	18	102	17	227	11
	1,604	θ	6	11	633	В	497	9	468	- 1
***************************************	113	25			99	25	12	20	2	30
	1,852	12 15	8	18	386	12	764	11	694	12
	191	21	2 2	53	125 122	17 22	23 58	20	9	11
nds	464	9	4	9	363	8	28	7	69	1
	424	10	22	19	130	9	90	8	182	10
	3,620	13	35	31	2,068	15	952	11	565	1.
<b>05</b>	399	14	13	25	193	16	153	9	40	2
	285	14	2	22	184	14	90	12	9	1
	268	10	1	48	194	10	64	9	9	1
abia	164	19	3	25	78	22	18	16	65	1
0	480	14	2	30	298	16	83	10	97	13
rea	487	14			240	15	176	12	71	13
nion	2,514	15	52	18	1,793	15	221	14	448	14
	489	11	1	57	308	10	79	11	101	13
	206 108	21	2	23	116	10	20	12	68	11
mnen manual manu	322	13	6	32	203	12	58	18	26 55	20
ingdom	541	12	12	17	203	12	96	10	227	13
rmany	528	7	5	7	414	6	23	7	86	l 'i
ria	263	17	4	24	186	18	63	14	10	17
8	1,785	14	28	23	1,122	15	232	11	403	13
- manufacture with the contract of the contrac	.,,,,,,	17.75	20	2.5	1,122		202	3.5	-100	1.

resents zero. X Not applicable: 1 Includes bulk/oil, ore/oil, and ore/bulk/oil carrers.

U.S. Maritime Administration, A Statistical Analysis of the World's Merchant Fleets, annual.

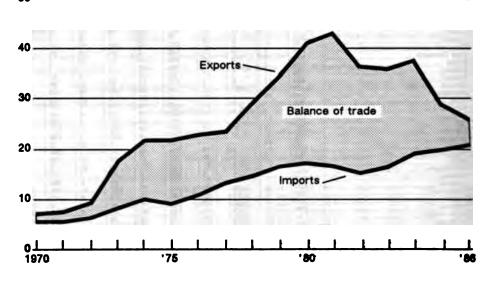
Figure 23.1 Farm Income and Expenses: 1970 to 1986



Source: Chart prepared by U.S. Bureau of the Census. For data see table 1074.

Figure 23.2 Agricultural Exports and Imports: 1970 to 1986

**Billions** of dollars



Source: Chart prepared by U.S. Bureau of the Census. For data see table 1095.



#### Section 23

# **Agricuiture**

This section presents statistics on farms and farm population; land use and irrigation; farm cooperatives; farm income, expenditures, and debt; farm output, productivity, and marketings; foreign trade in agricultural products; specific crops; and livestock, poultry, and their products.

The principal sources are the reports issued by the U.S. Bureau of the Census and by the National Agricultural Statistics Service (NASS) and the Economic Research Service (ERS) of the U.S. Department of Agriculture. The Bureau of the Census has taken a census of agriculture every 10 years from 1840 to 1920 and every 5 years from 1925 through 1974. Two 4-year censuses, taken for 1978 and 1982, adjusted the data reference year to coincide with other economic censuses for 1982. The 1982 Census of Agriculture is the most recent census for which reports are presently available. The Department of Agriculture publishes annually Agricultural Statistics, a general reference book on agricultural production, supplies, consumption, facilities, costs, and returns. The Economic Research Service publishes a series of annual reports, Economic Indicators of the Farm Sector. This series comprises five reports: National Financial Summary, State Financial Summary, Production and Efficiency Statistics, Costs of Production, and Farm Sector Review. Sources of current data on agricultural exports and imports include Foreign Agricultural Trade of the United States, published by the ERS, and the reports of the Bureau of the Census, particularly U.S. General Imports, Schedule A, Commodity by Country, and U.S. Exports, Schedule B, Commodity by Country.

The 44 field offices of the NASS collect data on crops, livestock and products, agricultural prices, farm employment, and other related subjects mainly through sample surveys. Information is obtained on some 75 crops and 50 livestock items as well as scores of items pertaining to agricultural production and marketing. State estimates and supporting information are sent to the Agricultural Statistics Board of NASS which reviews the estimates and issues reports containing State and national data. Among these reports are two annual summaries, Crop Production and Crop Values.

Farms and farmland.—Over time, the Bureau of the Census has used varying definitions of a arm. Data from the census of agriculture reflect the changes in definition since figures are presented for "farms" as defined during the years indicated. For the 1974, 1978, and 1982 Censuses of Igriculture, a farm was defined as any place from which \$1,000 or more of agricultural products were sold, or would have been sold during the census year. Control may have been exercised brough ownership or management, or through a lease, rental, or cropping arrangement. In the case if landowners who had one or more tenants, or renters, the land operated by each was counted as separate farm. The effect of the change in definition must be considered when comparing farms the 1974, 1978, and 1982 censuses with these in previous censuses. In the 1969 census, as well as the 1959 and 1984 censuses, places of less than 10 acres were counted as farms if estimated also of agricultural products for the year amounted to at least \$250, and places of 10 or more cres if such sales amounted to at least \$50.

Unless otherwise stated in the specific tables of this section, the definition of a farm applicable to ata originated by the Department of Agriculture is the one used by the Bureau of the Census for e agriculture census immediately preceding the year or years for which the data are shown.

Farmland refers to all land under the control of a farm operator, including land not actually under altivation or not used for pasture or grazing. Land used for pasture or grazing on a per head basis at was neither owned nor leased by a farm operator is not included except for grazing lands consider by grazing associations leased on a per acre basis.

State totals for 1982 are not directly comparable with totals for 1978 or earlier censuses because changes in data collection procedures. Coverage estimates for 1978 and 1982 indicate about 3.4 d 9.1 percent of all farms, respectively, were not included in census totals. Farms undercounted the census were usually small and accounted for approximately 2 percent of the total value of ricultural products sold and approximately 2 percent of the land in farms. For more explanation

about data comparability, see Appendixes A and C, 1982 Census of Agriculture, volume I reports and Coverage Evaluation, Volume 2, Part 2.

Farm population.—Farm population consists of all persons living on farms in rural areas. Farm population data shown for 1960 to 1975 are based on the definition of a farm used for the 1969 Census of Agriculture. Farm population data for 1978 to 1983 are shown on the basis of both the 1969 and 1974 census farm definitions and are so indicated. Beginning 1984, farm population data are based only on the 1974 census farm definition.

Irrigation.—Irrigated land is defined by the Bureau of the Census as the acreage in farms to which water is artificially applied during the census year. The Bureau of the Census also collects data on the operation of irrigation water supply organizations at 10-year intervals. In 1978, irrigation information was collected from both individual farms and irrigation organizations.

Farm Income.—Gross farm income comprises cash receipts from farm marketings of crops and livestock, Federal government payments made directly to farmers for farm-related activities, rental value of farm homes, value of farm products consumed in farm homes, and other farm-related income such as machine hire and custom work. Farm marketings represent agricultural products sold by farmers multiplied by prices received per unit of production at the local market.

Information on prices received for farm products is generally obtained by the NASS Agricultural Statistics Board from surveys of firms (such as grain elevators, packers, and processors) purchasing agricultural commodities directly from producers. In some cases, the price information is obtained directly from the producers.

Crops.—Estimates of crop acreage and production by the NASS are based on current sample survey data obtained from individual reporters and objective yield counts, reports of carlot shipments, market records, personal field observations by field statisticians, and reports from other sources. Cotton acreage and production are based on sample survey data and on ginning information gathered by the Bureau of the Census.

Through 1985 prices received by farmers are season average prices. They are calculated by weighting monthly prices by monthly sales during the crop marketing season, beginning with the first month in which a particular crop harvest begins. State prices are weighted by sales to obtain U.S. prices. Season average prices include an allowance for outstanding loans and government purchases, if any, for crops under government programs.

Beginning 1986 prices received by farmers are marketing year averages. These averages are based on U.S. monthly prices weighted by monthly marketings during specific periods. U.S. monthly prices are State average prices weighted by marketings during the month. Marketing year average prices do not include allowances for outstanding loans, government purchases, deficiency payments or disaster payments.

All State prices are based on individual State marketing years, while U.S. marketing year averages are based on standard marketing years for each crop. For a listing of the crop marketing years and the participating States in the monthly program, see *Crop Values*, February 1967. Value of production is computed by multiplying State prices by each State's production. The U.S. value of production is the sum of State values for all States. Value of production figures shown in tables 1100 and 1102-1110 should not be confused with cash receipts from farm marketings which relate to sales during a calendar year, irrespective of the year of production.

Price supports.—Under law, farm income from many commodities is supported through two basic Government-supported mechanisms available to producers of eligible commodities: (1) a market price support (loan rate) through which producers may place any portion of their production in approved storage and receive a loan at a specified rate. The farmer may repay the loan with interest and retain the commodity or, at the end of the loan period, forfeit the commodity as full payment of the loan; (2) a farm income support (target price) whose payments vary inversely with the market price of the specified commodity. "Deficiency payments" are made when market prices for a specified period are below the target prices. The payment rate is the difference between the target price and loan rate, whichever is smaller.

Livestock.—Annual inventory numbers of livestock and estimates of livestock, dairy, and poultry production prepared by the Department of Agriculture are based on information from farmers and ranchers obtained by probability survey sampling methods.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability pertaining to Census Bureau and Department of Agriculture data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to Historical Statistics of the United States, Colonial Times to 1970. See Appendix IV.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986*. For cross-references, see Appendix V.

# NO. 1062. FOOD AND FIBER SECTOR OF DOMESTIC ECONOMY—EMPLOYMENT AND VALUE ADDED: 1975 TO 1986

#### [Employment in millions and value added in billions of dollars, except as indicated]

SECTOR	1975	1975	1975	1905	1961	1982	1982	1984	1905	1985
EMPLOYMENT										
Food and fiber sector, total Percent of domestic economy 1	21.3 2.8 17.2 1.5 3.2 5.7	20.0 20.4 3.0 17.9 1.5 3.2 8.0 3.4 3.9	21.5 20.5 2.8 18.7 1.5 3.3 6.3 3.5 4.0	21.4 20.1 2.6 18.9 1.5 3.4 6.4 3.5 4.0	21.5 19.8 2.5 19.0 1.5 3.4 6.5 3.5 4.1	21.8 19.6 2.3 19.2 1.6 3.3 8.6 3.5 4.2	21.1 19.0 2.5 18.7 1.5 3.1 6.5 3.6 4.0	21.3 18.8 2.6 18.8 1.4 3.0 6.6 3.6 4.1	21.4 18.5 2.4 19.0 1.5 2.9 6.8 3.7 4.2	21.0 17.9 2.1 18.9 1.4 2.9 6.8 3.8 4.1
Food and fiber sector, total	20.4 43.3 282.4 38.7 57.0	415.0 18.4 49.0 366.0 46.6 70.6 127.0 34.8 86.9	465.4 18.6 59.4 406.0 49.7 77.1 142.7 38.9 97.6	488.9 18.3 55.1 444.8 56.0 83.0 157.5 42.0 106.3	562.3 18.4 67.3 495.0 61.7 93.1 175.6 44.6 120.0	611.3 19.3 75.1 536.2 70.0 97.5 186.1 48.1 132.5	17.7 49.7 552.8 70.4 98.0 196.8 52.0 135.7	17.5 64.6 595.3 75.6 101.6 209.0 55.7 153.5	706.5 17.6 73.3 632.2 64.5 103.4 220.9 59.3 164.1	701.5 16.6 64.4 637.1 82.2 102.3 226.0 61.8 164.8

Based on civilian labor force. <sup>3</sup> Value added equals profits, rent, interest, wages, indirect business taxes, and depreciation. Source: U.S. Dept. of Agriculture, Economic Research Service, Economic Indicators of the Farm Sector: Farm Sector Review, annual

#### No. 1053, FARM POPULATION AND EMPLOYMENT: 1960 TO 1986

[In thousands, except percent. For definition of farm population, see text, section 23. See also Historical Statistics, Colonial Times to 1970, series C 76 and K 1-2 and K 174-176]

· ITEM	1960	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
*arm population (1974 definition) *	(NA) (NA) 15,635 8.7	(NA) (NA) 9,712 4.8	(NA) (NA) 8,864 4.2	6,501 3.0 8,005 3.7	6,241 2.8 7,553 3.4	2.7	2.6	5,628 2.4 6,880 3.0	5,787 2.5 7,029 3.0	5,754 2.4 (NA) (NA)	5,355 2.2 (NA) (NA)	5,226 2.2 (NA) (NA)
arm employment, total <sup>2</sup>	7,057 5,172 1,885	3,348	3,025	3,957 2,689 1,268		3,705 2,402 1,303	3,330 2,236 1,094	2,494		2,175	2,017	2,912 1,873 1,039

NA. Not available. 

<sup>1</sup> April-centered five-quarter averages for 1980 to 1983; annual average for 1984 to 1986.

<sup>2</sup> 1980 and 1970, averages of monthly estimates of employed during last full calendar week ending at least one day before end month; 1975–1980 annual quarterly averages; 1981; average based on employment data from Jan. end April quarterly surveys; 382–1983 based on July survey; 1984, average from July end Oct. surveys; 1985 and 1988 average from April, July end Oct. surveys.

<sup>3</sup> Includes farm operators doing 1 or more hours of farm work and unpaid family members doing 15 or more hours of memory forms and unpaid family members doing 15 or more hours of surveys; 1984, average from July end Oct. surveys; 1985 and 1988 average from April, July end Oct. surveys; 1985 and 1986 average from April, July end Oct. surveys; 1985 and 1986 average from April, July end Oct. surveys; 1985 and 1986 average from April, July end Oct. surveys; 1985 and 1986 average from April, July end Oct. surveys; 1985 and 1986 average from April, July end Oct. surveys; 1985 and 1986 average from April, July end Oct. surveys; 1986 and 1986 average from April, July end Oct. surveys; 1986 and 1986 average from April, July end Oct. surveys; 1986 and 1986 average from April, July end Oct. surveys; 1986 and 1986 average from April, July end Oct. surveys; 1986 and 1986 average from April, July end Oct. surveys; 1986 and 1986 average from April, July end Oct. surveys; 1986 and 1986 average from July end Oct. surveys; 1986 and 1986 average from July end Oct. surveys; 1986 and 1986 average from July end Oct. surveys; 1986 and 1986 average from July end Oct. surveys; 1986 and 1986 average from July end Oct. surveys; 1986 and 1986 average from July end Oct. surveys; 1986 average from July end Oct. surveys; 1986 average from July end Oct. surveys; 1986 average from July end Oct. surveys; 1986 average from July end Oct. surveys; 1986 average from July end Oct. surveys; 1986 average from July end Oct. surveys; 1986 average from July end Oct. su

Source: Population—U.S. Dept. of Agriculture, Economic Research Service and U.S. Bureau of the Census. Published in U.S. areau of the Census. Current Population Reports, series P-27, No. 60. Farm employment—U.S. Dept. of Agriculture, National prioritural Statistics Service, Farm Labor, periodic.

#### NO. 1054. CHARACTERISTICS OF FARM AND NONFARM FAMILIES: 1970 TO 1986

s of Merch. 1970 based on 1969 census farm definition and 1960 and 1966 based on 1974 definition; see text, section 23. 1970, 1960 and 1966 data are based on population controls from 1960, 1970, and 1960 censuses respectively; see text, section 1. Based on Current Population Survey, see text, section 1 and Appendix III. For definition of median, see Guide to Tabular Presentation)

		1970			1980			1905	
CHARACTERISTIC	Total	Farm	Nonfarm	Total	Farm	Nontarm	Total	Farm	Nonfarm
el families (1,000)	51,237	2.457	48,781	58,426	1.666	56,760	63,558	1,562	61,986
ersons per family	3.62	3.77	3.61	3.28	3.35	3.27	3.21	3.18	3.21
With own children under 18 (1,000)	28 865	1,169	27,496	30.517	745		31,670	613	31,056
Mean number of own children	2.33	2.61	2.32	1.89	2.00	1.89	1.83	1.93	1.83
Percent with: 1 or 2 children		57.2	63.9	77.0	71.5	77.2	79.7	75.9	79.7
3 or 4 children		29.3	28.5	20.4	24.8	20.3	18.7	21.5	18.6
5 or more children		13.5	7.6	2.5	3.5	2.5	1.7	2.6	1 13
pent distribution:		10.0	1		5.5		1		ı
larried couple	86.7	90.5	86.5	82.5	92.3	82.2	80.1	93.2	79.8
lale householder, no wife present	2.4	4.2	2.3	2.9	3.4	2.9	3.8	2.8	3.8
smale householder, no husband present	10.9	5.3	11.2	14.6	4.4	14.9	16.1	4.0	16.4
person families		37.0	34.3	39.2	42.7	39.1	40.1	44.3	40.0
to-5 person families	52.7	46.4	53.1	53.7	47.1	53.9	54.8	50.9	55.0
or-more person families	12.9	16.6	12.6	7.1	10.3	7.0	5.1	4.8	5.1
Top formity income I in constant (1995)	12.9	10.6	12.0	<i>'</i> .,	10.3	1.0	5.1	7.0	5.1
tien family income 1 in constant (1986)	27.680		~~~~	200 4200	24.242	29.277	27.735	21.853	27 00
xiers	27,000	18,736	28,088	29,139	24,242	29,211	21,/30	21,603	27,861

income for previous year.

surce: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 218; series P-27, No. 60 and earlier reports; is P-80, No. 154 and earlier reports; and unpublished data.

#### NO. 1055. FARM POPULATION, BY CHARACTERISTICS: 1970 TO 1986

[1975 and 1990, April-centered five-quarter averages; 1995 and 1990 annual averages. For definition of farm population, see text, section 23]

			FARM PO	PULATIO	N (1,000)			PE	RCENT DI	STRIBUT	ON
2014 125505	1969 de	efinition		19	74 defini	tion		1969	197	74 definit	tion
CHARACTERISTIC						1986		defini- tion.			
	1970	1980	1980	1985	Total	Male	Female	1970	1980	1985	1986
Total	9,712	7,241	6,051	5,355	5,226	2,733	2,493	100.0	100.0	100.0	100.0
White	8,775 938	6,828 413	5,714 337	5,195 160	5,081 145	2,654 79	2,427 66	90.4 9.7	94,4 5.6	97.0 3.0	97.2 2.8
Under 15 years old	3 1,316 502 770 1,061 2,452	1 1,391 2 5,851 3 926 502 735 862 1,892 934	1,146 24,905 3790 444 606 712 1,607 746	1,100 4,255 456 381 640 687 1,342 747	1,047 4,179 436 350 654 648 1,369 723	551 2,182 229 194 355 331 701 372	496 1,997 207 156 299 317 668 351	1 25.6 2 74.4 3 13.6 5.2 7.9 10.9 25.2 11.6	1 18.9 2 81.1 3 13.1 7.3 10.0 11.8 26.6 12.3	20.5 79.5 8.5 7.1 12.0 12.8 25.1 13.9	20.0 80.0 8.3 6.7 12.5 12.4 26.2 13.8
In labor force 4 Employed, agriculture Percent of labor force Self-employed Wage and salary workers Unpaid family workers Employed, nonagriculture Self-employed Wage and salary workers Unpaid family workers Unpaid family workers Unpaid family workers Unemployed Not in labor force 4	2,333 54.3 1,411 395 526 1,878 159 1,698 21	3,682 1,722 46.8 1,083 344 295 1,853 210 1,624 19 106 2,169	3,139 1,642 52.3 1,034 326 282 1,415 161 1,239 16 82 1,766	2,853 1,363 47.8 896 318 149 1,402 159 1,237 7 88 1,402	2,865 1,363 47.6 906 318 139 1,418 158 1,250 10 85 1,314	1,797 1,082 60,2 771 265 46 673 97 574 2 41 385	1,068 280 26.2 135 52 94 745 61 676 8 43	59.4 32.3 (x) 19.5 5.5 7.3 26.0 2.2 23.5 3 1.1	64.0 33.5 (x) 21.1 6.6 5.7 28.8 3.3 25.3 25.3 1.7 36.0	67.1 32.0 (x) 21.1 7.5 3.5 32.9 3.7 29.1 2.1 32.9	68.6 32.6 (x) 21.7 7.6 3.3 33.9 29.6 20 31.4

X Not applicable. 

<sup>1</sup> Persons under 14 years old.

<sup>2</sup> Persons 14 years old and over.

<sup>3</sup> Persons 14-19 years old.

<sup>4</sup> Percent distribution by labor force status based on total population, 14 years old and over through 1680, and 15 years old and over beginning 1985.

Source: U.S. Bureau of the Ceneus, Current Population Reports, series P-27, No. 60 and earlier reports; and unpublished data.

#### No. 1056. FARMS-Number and Acreage: 1959 to 1987

[Based on census year definition indicated; for definition of farms and farmland, see text, section 23. Data for census years (indicated by Italics) have been adjusted for underenumeration and are used as reference points along with data from acreage and live-stock surveys in estimating data for other years. Minus sign (—) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series K 4-7]

YEAR	FARMS		LAND IN FARMS			FARMS		LAND IN FARMS	
	Num- ber (1,000)	Annual change <sup>1</sup> (1,000)	Total (mil. acres)	Aver- age per farm (acres)	YEAR	Num- ber (1,000)	Annual change <sup>1</sup> (1,000)	Total (mil. acres)	Arei- age per lama (acres
1989 DEFINITION					1974 DEFINITION				
959		- 139	1,183	200	1975	2,521	(20)	1,069	430
980		-142	1,178	297	1976	2,497	-24	1,054	421
964	3,457	<b>- 127</b>	1,146	332	1977	2,456	_41	1,048	427
985	3,356	-101	1,140	340	1978		-20	1,045	48
959		-89	1,108	369	1979	2,432	-4	1,042	431
970	2,949	-51	1,102	374	1960	2,433	1	1,039	420
971		-47	1,097	378	1961	2,434	1	1,034	431
972		-42	1,092	382	1982	2,401	-33	1,028	4
973		-37	1,066	385	1963	2,370	-31	1,024	431
974	2,795	-28	1,084	386	1984	2,328	-42	1,019	431
975		-28 -28	1,081	391	1985	2,275	-53	1,014	440
976	2,738	-29	1,078	394	1986	2.212	-63	1,008	421
977	2,706	-32	1,075	397	1987, prel	2,173	-39	1,002	461
978	2,672	-34	1,072	401	· •	• • • •	1		

X. Not applicable. 

<sup>1</sup> Average annual change from preceding year shown. For 1959, change from 1954.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, Number of Farms and Land in Farms, 1959–70 (Statistical Bulletin No. 507); Farm and Land in Farms, 1969–75 (Statistical Bulletin No. 594); Farm Numbers, 1975–80; and Crop Production (August releases).

# Farms—Acreage and Value

NO. 1057. FARMS-NUMBER AND ACREAGE, BY STATE: 1960 AND 1987

i preliminary. Based on 1974 canaus definition of farms and farmland; see text, section 23. See also Historical Statistics,
Colonial Times to 1970, series K 4-7]

TE		RMS (000)		EAGE nil.)		FARM	STATE	(1,0		ACRI			EAGE FARM
	1980	1987	1980	1987	1980	1987	A	1980	1987	1980	1967	1980	1987
	2,433	2,173	1,039	1,002	427	461	Missouri	120	114	31	31	261	268
	59	49	10		207	224	Montana	24	23	62	61	2,601	2,609
******		1	12	11	207			65	56	48		734	843
the Desire of the Party				1	3,378		Nevada	3	2	9	9	3,100	3,667
***********		8	38	37	5,080	4,405			3	1 3	1	160	163
		49	17	15	280		New Jersey	9	8	.1	.2	109	112
		77	34	33	417	423	New Mexico		14	47	45	3,467	3,304
	27	27	36	34	1,358	1,269	New York		41	9	9	200	212
	4	4	(z)	(Z)	117	119	North Carolina		72	12	11	126	150
		3	1.1	.1	186	203	North Dakota		33	42	41	1,043	1,246
***************************************		39	13	13	344	333	Ohio	95	84	16	16	171	186
	59	48	15	13	254	271	Oklahoma		70	35	33	481	471
		4	2	2	458	464	Oregon	35	37	18	18	517	484
	24	23	15	14	623	600	Pennsylvania	62	57	9	9	145	150
mineracco		84	29	29	269	340	Rhode Island	1	1	(z)	(z)	87	97
*********	87	72	17	16	193	225	South Carolina		26	6	5	188	200
innenmena.	119	107	34	34	284	313	South Dakota	39	35	45	45	1,169	1,271
******	75	70	48	48	644	684	Tennessee	96	96	14	13	142	131
	102	99	15	15	143	146	Texas	189	160	138	133	731	833
	37	36	10	10	273	269	Utah	14	14	12	11	919	831
	8	8	2	2	195	195	Vermont	8	7	2	2	226	222
	18	17	3	2	157	141	Virginia		50	10	10	169	192
etts		6	1	1	116	113	Washington		37	16	16	429	427
	65	58	11	11	175	195	West Virginia	22	21	4	4	191	176
*************	104	92	30	30	291	326	Wisconsin		80	19	18	200	219
	55	45	15	14	265	307	Wyoming		9	35	35	3.846	4,000

than 500 farms or 500,000 acres.

U.S. Dept. of Agriculture, National Agricultural Statistics Service, Crop Production (August 1987 release).

No. 1053. FARMS-Number, Acreage, and Value, by State: 1982

reposition of regions, see fig. I, inside front cover. See also Historical Statistics, Colonial Times to 1970, series K 17-18]

DIVISION, AND STATE	Num- ber of farms (1,000)	Land in farms (mil. acres)	Average size of farm (acres)	Value of land and build- ings <sup>1</sup> (mil. dol.)	DIVISION AND STATE	Num- ber of farms (1,000)	Land in farms (mil. acres)	Average size of farm (acres)	Value of land and build- ings <sup>1</sup> (mil. dol.)
	2.241	986.8	440	774,158	South Atlantic	274	57.2	209	69,752
	-3-11	400.0	7.10	17.41.00	Delaware		.7	196	1,218
	100			1	Maryland		2.6	158	5,378
st	131	23.0	175	28.272	Virginia		9.4	182	10,622
***************************************	932	354.2	380	339,761	West Virginia		3.6	190	2,421
	896	293.8	328	236,638	North Carolina		10.3	142	13,669
	280	315.7	1,129	169,487	South Carolina		5.6	224	5.193
*******************	200	315.7	1,128	109,407	Georgia		12.3	248	11,166
2.3					Florida		12.8	353	20.085
and	26	4.6	178	5,385	7 101100	- 50	12.0	000	20,000
<del>иниинииниинии</del>	7	1.5	210	1,053	East South Central	283	49.2	174	46,466
mpshire	3	.5	170	555	Kentucky	102	14.2	140	14,661
	6	1.6	249	1,305	Tennessee		12.5	138	12,592
lusetts	5	.6	113	1,111	Alabama	48	10.2	211	8,290
sland	1	.1	86	173	Mississippi	42	12.4	293	10,923
icut	4	4	118	1,188	A CONTRACTOR OF THE PARTY OF TH		1600	1 222	127 3.2
,	1 1	1		1,700	West South Central	340	187.3	551	120,420
antic	106	18.4	174	22,887	Arkansas		14.7	291	14,460
<b>k</b>	1.50	9.2	218	7,509	Louisiana	32	8.9	282	12,070
Sey		.9	111	2.840	Oklahoma	73	32.4	446	22,556
		8.3	149	12,538	Texas	185	131.3	710	71,334
/ania	90	0.0	140	12,530	Mountain	122	246.1	1,857	76,179
h Central	403	88.6		134,967			60.5	2.568	15.866
The state of the s			220		Montana	25	13.9	563	11,353
***************************************	87	15.4	177	23,287	Idaho		33.5	3,781	6,484
		16.3	211	26,128	Wyoming		33.5	1,237	15,228
***************************************		28.7	292	53,061	Colorado			3,493	8.322
-		10.9	187	13,389	New Mexico		47.1 37.8	5,148	10,972
in	82	17.2	210	19,102	Arizona			699	5.445
1 T K	1			10000	Utah	14	9.8		
th Central	529	265.6	502	204,793	Nevada	3	10.0	3,671	2,509
ta	94	27.7	294	32,326	Pacific	158	69.6	441	93,307
***************************************	115	32.6	283	54,349	Washington		16.5	456	15,271
***************************************		29.3	260	25,094	Oregon		17.7	520	12,665
akota		40.2	1,104	17,609	California		32.2	390	61.532
akota	37	43.8	1,179	15,429	Alaska	(Z)	1.3	2.323	264
8		45.0	746	31,910	Hawaii	127	2.0	426	3.575
	73	47.1	642	28,076	THE WORLD	1 3	2.0	720	0,070
	13	47.1	042	20,070					

than 500. Based on reports for a sample of farms.

U.S. Bureau of the Census, Canaus of Agriculture: 1982, vol. 1.

NO. 1059. FARMS-NUMBER, 1959 TO 1982, AND ACREAGE, 1978 AND 1982, BY SIZE OF FARM [See Historical Statistics, Colonial Times to 1970, series K 162-173]

		NUMBER (1	OF FAI ,000)	RMS		FAR (mil. a	MS	HARY	ESTED acres)		PERCENTRIBUTION 1982	
SIZE OF FARM	1959	1969	1974	1978	1982	1978	1982	1978	1982	Num- ber of farms	All land in tarms	Crop- land har- vested
Total	3,711	2,730	2,314	2,258	2,241	1,014.8	986.8	317.1	326.3	100.0	100.0	100.0
Under 10 acres 10-49 acres 50-99 acres 100-179 acres 180-259 acres 280-499 acres 1,000-1,999 acres 2,000 acres and over	244 813 658 773 414 472 200 79 57	162 473 460 542 307 419 216 91	128 380 385 443 253 363 207 93 62	151 392 356 403 234 348 213 98 63	188 449 344 368 211 315 204 97 65	10.9 25.9 55.0 50.6 124.6 146.7 133.0 467.4	.7 12.1 24.8 49.9 45.7 113.0 140.5 132.4 467.5	4.5 10.2 23.3 23.7 64.5 75.2 58.2 57.3	.3 4.5 9.5 21.2 21.7 60.5 77.6 64.5 66.6	8.4 20.0 15.4 16.4 9.4 14.1 9.1 4.3 2.9	1.2 2.5 5.1 4.6 11.5 14.2 13.4 47.4	1.4 2.9 6.5 6.7 18.5 23.8 19.8

Source: U.S. Bureau of the Ceneus, Ceneus of Agriculture: 1959, 1969, 1974, vol. II and 1982, vol. 1.

#### No. 1060, FARMS—NUMBER AND ACREAGE, BY TENURE OF OPERATOR: 1969 TO 1982

[Full owners own all the lend they operate. Part owners own a part, and rent from others the rest of the lend they operate. See also Historical Statistics, Colonial Times to 1970, series K 109-113 and 142-146]

						PE	ACENT D	STRIBUTH	D04
ITEM AND YEAR	Unit	Total	Full owner	Part owner	Tenent	Total	Full owner	Part owner	Ten- ant
Number of farme: 1959	1,000 1,000 1,000 1,000 1,000	2,314 2,258 2,241 637 711 526	1,706 1,424 1,298 1,326 506 489 232 57 41 375 359 332 342	672 628 681 656 68 144 221 103 550 536 561 531	353 262 279 259 83 79 73 27 17 138 122 114	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	62.5 61.5 57.5 59.2 79.3 88.7 44.1 27.9 25.4 36.2 36.4 32.7 34.7	24.6 27.2 30.1 29.3 10.7 20.2 42.0 58.8 64.0 51.8 52.6 55.8	12.9 11.3 12.4 11.5 11.1 13.6 13.1 10.6 12.0 11.0

<sup>1</sup> Data by size of farm exclude abnormal farms; see headnote, table 1062.

Source: U.S. Bureau of the Census, Consus of Agriculture: 1969, 1974, vol. II, end 1982, vol. 1.

# No. 1061. FARM OPERATORS-TENURE AND CHARACTERISTICS: 1978 AND 1982

[In thousands, except as indicated. See also Historical Statistics, Colonial Times to 1970, series K 82-113]

TENURE AND CHARACTERISTIC		LL RMS	SALES OF \$10,000 AND OVER		CHARACTERISTIC		LL RMS	SALES O \$10,000 AND OVE	
	1978	1982	1978	1982		1978	1982	1978	1962
Total operators	2,258	2,241	1,180	1,143	Principal occupation: Farming	1,269	1,235	934	901
White	2,200	2,187	1,163	1,127	Other	988	1,006	246	242
Black and other	58	54	17	16	Place of residence: 2		10	1	
Operators of Spanish origin 1	18	16	7	6	On farm operated	1,586	1,581	197	833
Female	113	122	(NA)	37		422	429	187	244
Under 25 years old	67	62	(NA)	39	Years on present farm: 2 2 years or less	(NA)	127	(NA)	81
25-34 years old	285		(NA)	173	3-4 years	(NA)	127 193	(NA)	55 85 167 638
35-44 years old	434	443	(NA)	223	5-9 years		360	(NA)	167
45-54 years old	549	443 505	(NA)	223 264	10 years or more	(NA)	1,098	(NA)	638
55-64 years old		536	(NA)	288			1	1.500	1
65 years old and over		400	(NA)	156	Days worked off farm; 2	1		150	1
Average age (years)		50.5	(NA)	49.1	None Less than 100 days	252	862 224	654 164	141
Full owner	1,298	1,326	485	482	100-199 days	181	189	79	7
Part owner	681	656	514	491	200 days or more	770	775	214	213
Tenant		259	181	170			1		

NA Not available. <sup>1</sup> Operators of Spanish origin may be of any race. <sup>2</sup> Excludes not reported.

Source: U.S. Bureau of the Census, 1982 Census of Agriculture, vol. 1.

## **62.** Farms—Number, Acreage, and Value, by Type of Organization: 1978 and 1982

[Excludes abnormal terms (institutional terms, experimental and research terms, indian reservations, etc.)]

						PI	ERCENT DE	BTRIBUTIO	N
ITEM	Unit	Total <sup>1</sup>	Individ- ual or family	Part- nership	Corpo- ration	Total <sup>1</sup>	Individ- ual or tamily	Part- nership	Corpo- ration
arms: 1978	Bil. dol	959 932 623 763 108,829	1,966 1,946 673 642 (NA) 547 (NA) 77,907	233 223 158 152 (NA) 119 (NA) 21,520	50 80 120 127 (NA) 90 (NA) 31,480	100.0 100.0 100.0 100.0 100.0 100.0 100.0	87.2 86.9 70.2 68.9 (NA) 71.7 (NA) 59.2	10.3 10.0 16.5 18.3 (NA) 15.6 (NA) 16.4	2.2 2.7 12.5 13.6 (NA) 11.8 (NA) 23.9

available. 

1 Includes other types, not shown separately.

J.S. Bureau of the Census, 1982 Census of Agriculture, vol. 1.

#### No. 1063. IRRIGATED FARMS AND ACREAGE—SELECTED STATES: 1984

i sample of irrigators selected from irrigated farms identified in the 1982 Census of Agriculture excluding all irrigators in lasts, Hawaii, and abnormal and horticultural specialty farms in the 48 conterminous States. (For definition of abnormal as headnote, table 1982.) Most of the excluded irrigated farms were horticultural specialty farms end accounted for cres irrigated or 1.9 percent of the land irrigated in 1982. No attempt was made to identify and select new irrigators for

STATE	irrigat- ed farms (1,000)	Acres in farms (1,000)	Acres irrigat- ed (1,000)	STATE	Irrigat- ed farms (1,000)	Acres in farms (1,000)	Acres irrigat- ed (1,000)
minous U.S. <sup>1</sup>	212.4	175,134	44,781	Montana	7.9 4.8	16,769 4,439	1,877 1,872
•••••••••••••••••••••••••••••••••••••••	48.3 19.2	17,292 19,321	7,805 5,828	Oregon	12.1 4.6	10,840 14,630	1,776 1,550
		14,458 7,117	4,921 3,255	Washington	13.1 5.9 10.0	4,097 4,991 3,787	1,482 1,438 1,054
***************************************	13.4 6.2	15,380 8,935	3,105 2,315	Vteh	3.4	4,729	893

other States not shown separately.

#### No. 1064. FOREIGN OWNERSHIP OF U.S. AGRICULTURAL LAND: 1986

de of sores, except percent. Covers "foreign persons" reporting under the Agricultural Foreign Investment Disclosure 78. As defined in the Act, a "foreign person" is any person who is not a U.S. citizen and who is not a permanent illen of the U.S. Foreign governments and entitles are also "foreign persons." Also, each successive link in a chain of se containing foreign interests is considered a "foreign person." An entity is deemed "foreign person" if it is 10 persons foreign owned by a single foreign person or foreign persons acting in concert, or 50 percent foreign owned by a long person on to acting in concert, none of whom individually holds a 10 percent or greater interest in the entity, acreage figures reported do not necessarily mean that they are wholly owned by foreign investors. Covers reports red accepted as of December 31, 1986]

TERISTIC		REAGE (NED <sup>1</sup>		REAGE JIRED <sup>3</sup>	CHARACTERISTIC		REAGE (NED <sup>1</sup>	ACREAGE ACQUIRED <sup>8</sup>	
	Total	Percent	Total	Percent		Total	Percent	Total	Percent
	12,419	100.0	1,675	100.0	Country of foreign				
107:					owner: Canada	1,551	12.5	3	.2
ж	9,838	79.2	1,645	98.2	Mexico	213	1.7	ī	
D		11.3	8	.5	Netherlands Antilles	525	4.2	-	
	- 0.30	7.9	13	.8	Panama	187	1.5	2	.1
	104	1.6		.5	Switzerland	237	1.9	2	.1
ing:					United Kingdom	381	3.1	7	
100 acres	127	1.0	3	.2	West Germany	744	6.0	15	9.
acres		2.4	6	.4	Through U.S.			]	i
acres		7.1	16	1.0	interest: 4				
se or more		89.4	1,650	96.5	Canada		5.9	3	
O 11101	11,107	00.4	1,000		France	302 336	2.4 2.7	2	.1
	2,112	17.0	26	1.6	Netherlands Netherlands	336	2.7	-	-
***************************************	0.004	21.4	10	.6	Antilies	230	1.9	ł	i
•••••					Switzerland	278	2.2		1
		52.1	1,624	97.0	United Kingdom	3.531	28.4	1,615	98.4
iculture		4.3	6	1 4	West Germany	475	3.8	1,013	50.5
negriculture	640	5.2	8	.5	Trees Germany	4/5	3.0	ا ع ا	

sents or rounds to zero. 

<sup>1</sup> Landholdings by foreign interests as of Dec. 31. 

<sup>2</sup> Acquisitions by foreign interests from , 31, 1986. 

<sup>3</sup> Includes other countries not shown separately. 

<sup>4</sup> Reports filed by U.S. corporations with foreign

<sup>&</sup>lt;sup>2</sup> Based on a sample of farms.

<sup>.</sup>S. Bureau of the Ceneus, 1964 Farm and Ranch Irrigation Survey, (AG84-SR-1), 1986.

Dept. of Agriculture, Economic Research Service, Foreign Ownership of U.S. Agricultural Land through December 31, omic Research Service Staff Report AGES 870319), 1987.

## No. 1055, FARM REAL ESTATE-SUMMARY: 1970 TO 1987

[1976 end 1975, value data as of Mar. 1; 1979-1961 and 1966-1967, as of Feb. 1; 1962-1965, as of April 1. Excludes A end Hawaii. 1970 value data based on 1999 census definition of farms and farmlend; beginning 1975, based on 1974 or definition, see text, section 23. Total value of land and buildings is estimated by multiplying the number of acres of farmles the average value per acre of land and buildings. Average values are based on land-value data obtained from the cens agriculture. For intercensal years, estimates are made using indices of average value per acre. Indices of average value are based on surveys conducted by the U.S. Dept. of Agriculture]

ITEM	Unit	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total value Land. Buildings. Average value per acre ' Index. Average value, operating unit.	Bil. dol	175.5 39.5 196 42	300.5 58.1 340 75	559.7 93.4 628 125	658,0 105.3 737 145	728.3 115.4 819 158	729.8 113.5 823 157	697.3 107.5 788 148	688.9 105.0 782 146	595.8 90.4 679 128	597.2 517.9 79.3 595 112 270.3	476.1 73.7 548 103

<sup>1</sup> Land and buildings.

Source: U.S. Dept. of Agriculture, Economic Research Service, 1970–1934, Farm Real Estate Market Developments, annual, thereafter, Agricultural Land Values and Markets, annual.

## No. 1060. FARM REAL ESTATE-VALUE OF LAND AND BUILDINGS, BY STATE: 1960 TO 1967 [See headnote, table 1065. See also Historical Statistics, Colonial Times to 1970, series K 16]

STATE	VALU		dol.)	DINGS			PER ACE			VALUE F	F AVER	
	1980	1985	1986	1987	1980	1985	1986	1987	1980	1965	1986	198
U.S.	763,285	686,194	597,235	549,782	\$737	\$679	\$595	\$548	145	128	112	10
Alabama	9,516	8,844	8,374	8,039	780	769	761	731	149	154	152	14
Arizona		9,938	8,646	9,078	267	265	231	242	1 167	1 163	1 142	14
Arkansas		13,584	11,063	9,957	918	849	705	634	163	152	126	1 11
California	48,131	56,785	51,518	44,820	1,424	1,726	1,571	1,366	166		183	15
										201		
Colorado		14,964	12,199	12,443	387	435	357	364	147	154	126	12
Connecticut Delaware		1,540	1,675	1,825	2,387 1,798	3,208 1,642	3,721 1,757	4,056 1,775	3 135 151	185 128	3 215 137	3 22 13
		1200	100000	100	10000	24.00	C2.7754 W	15		1	1000	1/3
Florida	18,505	19,851	18,660	19,033	1,381	1,527	1,435	1,464	* 141	147	138	14
Georgia	13,440	11,678	10,683	11,003	896	865	822	846	132	116	110	11
daho		10,861	9,018	7,936	698	749	644	567	134	129	111	1
llinois		37,712	32,809	29,856	2,041	1,314	1,143	1,040	135	84	73	
ndiana		20,648	17,132	15,077	1,863	1.259	1,058	931	150	96	81	1.3
owa		35,750	28,243	25,136	1,840	1.064	841	748	139	77	61	
(ansas		22,368	18,527	16,304	587	466	387	340	134	98	81	100
Centucky		13,137	12,612	11,476	976	906	870	791	147	129	124	1
ouisiana	12.686	12,685	10.048	7,335	1,256	1,256	1,005	734	169	181	145	10
Maine		1,301	1,509	1,645	594	856	993	1,082	³ 135	3 185	* 215	32
Maryland	6,154	5,452	4,718	4,577	2,238	2,097	1,887	1,831	166	158	142	1.13
Massachusetts		1,613	1,871	2,039	1,608	2,372	2,752	2,999	a 135	3 185	3 215	3 2
Michigan		11,993	10,580	9,416	1,111	1,052	936	833	138	121	108	1
Minnesota	32,906	25,019	18,271	14,799	1,086	823	609	493	154	109	81	
Mississippi		11,774	10,521	9.153	819	835	752	654	156	163	147	1.1
Missouri		20,297	18,613	16,938	902	659	606	552	154	102	94	1
Montana	14,546	13.542	12,459	10,216	235	222	204	167	142	125	115	1
Nebraska	30,290	20,957	17,185	15,810	635	444	364	335	137	82	67	1
Nevada	2,230	2,015	1,753	1,858	248	229	199	211	1 178	1 173	a 151	1
New Hampshire		766	856	933	1.004	1,419	1.646	1,794	1 135	3 185	3 215	1 2
									100	100		
New Jersey	3,000	3,314	3,600	4,896	2,947	3,525	3,913	5,321	120	141	157	2
New Mexico		7,335	5,961	5,425	185	163	134	122	1 166	104	133	1
New York		7,353	7,170	8,102	720	808	824	931	119	128	131	1
North Carolina	14,262	13,414	12,206	11,840	1,219	1,242	1,130	1,096	141	142	129	13
North Dakota	16,888	14,724	12,894	11,475	405	360	317	282	136	116	102	1
Ohio	28,026	17,791	16,012	14,891	1,730	1,126	1,013	942	156	90	81	1 7
Oklahoma	21,244	18,678	15,876	14,130	614	566	481	428	143	126	107	1 1
Oregon	10,625	10,422	9,328	8,581	587	579	521	479	132	114	103	1 6
Pennsylvania		13,137	12,322	14,663	1.464	1,510	1.450	1,725	140	127	122	14
Shode Island		243	282	308	2,523	3,335	3,869	4,217	135	3 185	2 215	12
		4,944										
South Carolina			4,796	4,365	900	899	872	794	130	121	117	10
South Dakota		11,125	9,568 12,894	7,941 13,152	292 976	250 982	215 992	1,012	141	101	128	1
	55.5		100	(Career)	1000	2.70		1000	100	130	1	
exas		88,346	72,515	64,539	436	652	541	482	144	229	190	10
Jiah		5,962	5,449	5,177	530	514	478	454	1 169	a 165	153	14
/ermont		1,627	1,888	2,057	721	1,017	1,180	1,286	a 135	3 185	215	0 2
Virginia		10,474	10,997	10,667	1,028	1,091	1,146	1,111	139	140	147	1
Washington	11,997	14,860	12,996	11,566	736	923	812	723	124	151	133	1
West Virginia	2.810	1,994	1,935	1,896	669	554	537	527	150	143	139	i
Wisconsin		14,992	12,522	11,019	1,004	847	711	626	159	126	106	1
M. comise	10,0/4											
Wyoming	5,636	6,160	5,359	5,252	161	177	154	151	126	= 122	106	. 1

to by combining survey data to obtain an average rate of change for Artsona, id using the average of the percentage changes in the Colorado, Idaho, and Montan do by combining survey data to obtain an average rate of change for New England 8 and using the average of the percentage changes in the Alabama and Georgia Indexes ide, New Mexico, and Utal

#### No. 1057, BALANCE SHEET OF THE FARMING SECTOR: 1970 TO 1986

[In billione of dollars, except percent. As of December 31. Includes farm operator households. Minus sign (--) indicates decrease. See also Historical Statistics, Colonial Times to 1970, series K 204-219, for data before revisions]

			CURREN	T DOLLAR	S			CONS	STANT (19	82) DOL	LARS 1	
ITEM	1970	1975	1980	1984	1985	1986, prel.	1970	1975	1980	1984	1985	1986, prel.
Assets		577.0 12.2	1,102.3 13.8	949.6 -3.7	846.5 - 10.9	789.4 -6.7	771.4 (z)	973.0 4.8	1,286.2 5.7	881.7 -9.0	<b>761.2</b> - 13.7	691.8
nysical assets: Real estate Non-real estate:	223.8	420.6	850.8	693.7	606.8	554.0	532.9	709.3	992.8	644.1	545.7	485.5
Livestock and poultry 3 Machinery, motor	23.7	29.4	60.6	49.6	46.3	47.6	56.4	49.6	70.7	46.1	41.6	41.7
vehicles	34.4	63.1	99.3	102.7	92.4	84.5	81.9	106.4	115,9	95.4	83,1	74.1
Crops stored	9.0	21.1	33,0	29.6	23.1	18.4	21.4	35,6	38.5	27.5	20.8	16.1
equipment	10.0	11.7	19.4	26.1	27.8	30.5	23.8	19.7	22.6	24.2	25.0	26.7
nancial assets:		25.4	5.0	1.75	15.0	17.	1			Link.		1
Deposits and currency United States savings	100	14.5	16.2	19.8	21.1	24.8	29.5	24.5	18.9	18.4	19.0	21.7
bonds	3.6	3.9	3.8	3.7	3.9	4.5	8.6	6.6	4.4	3.4	3.5	3.9
tives	7,2	12.8	19.2	24.4	25.2	24.9	17.1	21.6	22.4	22.7	22.7	21.8
Claims	324.0	577.0	1,102.3	949.6	846.5	789.4	771.4	973.0	1,286.2	881.7	761.2	691.8
abilities	52.8	91.5	178.7	204.4	188.0	166.4	125.7	154.3	208.5	189.8	169.1	145.8
Real estate debt	30.5	49.9	97.5	112.4	105.9	95.1	72.6	84.1	113.8	104.4	95.2	83.3
Non-real estate debl		41.6	81.2	92.0	82.2	71.3	53.1	70.2	94.7	85.4	73.9	62.5
oprietor's equities	271.2	485.5	923.6	745.2	658.5	623.0	645.7	818.7	1,077.7	691.9	592.2	546.0

Z Less than .05 percent. ¹ Constant dollar figures are based on gross national product implicit price deflators for year. ² Average change from prior year shown; for 1970, change from 1985. For explanation of annual percent change, see Guide to studer Presentation. ² Excludes horses and mules.

Source: U.S. Dept. of Agriculture, Economic Research Service, Economic Indicators of the Farm Sector: National Financial Immery, 1986, and unpublished data.

#### NO. 1068. FARM DEBT OUTSTANDING, BY TYPE OF LENDER: 1970 TO 1986

In billions of dollars, except percent. As of Dec. 31. Minus sign (—) indicates decrease. See also Historical Statistics, Colonial Times to 1970, series K 361-367 and K 376-380]

LENDER	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986. prel.
Farm debt, total	52.8	91.5	118.9	136.6	162.5	178.7	195,4	203.1	206.5	204.4	188.0	166.4
Annual percent change 1	6.1 16.3	11.6	16.3	14.9	19.0	10.0	9.3	19.0	1.7	-1.0 21.5	-8.0 22.2	21.1
al estate debt	30.5	49.9	63.9	72.8	86.8	97.5	107.2	111.3	113.7	112.4	105.9	95.1
ederal land banks	7.1	16.0	21.5	24.8	29.8	36.2	43.8	47.8	48.9	49.2	44.7	37.0
ife insurance companies	5.6	6.7	8.8	10.5	12.2	12.9	13.1	12.8	12.7	12.4	11.8	10.5
commercial and savings banks	3.8	6.3	7.8	8.6	8.6	8.6	8.3	8.4	9.3	10.2	11.4	12.7
armers Home Administration 2	2.4	3.4	4.0	4.1	6.9	8.2	8.9	9.2	9.5	10.1	10.4	10,3
ndividuals and others 3	11.4	17.3	21.3	23.6	27.9	30.2	31.8	32.0	32.3	29.9	27.2	24.0
CC 4 storage and drying facilities	200		1	150	1000	170	16.00	LPCS!		1100	100	
loans	.1	.2	.5	1.1	1.4	1.5	1.3	1.1	.9	.6	.3	1 3
1-real estate debt	22.3	41.6	55.0	63.8	75.7	81.2	88.2	91.8	92.7	92.0	82.2	71.3
ommercial and savings banks	11.1	20.2	25.7	28.3	31.0	31.6	32.9	36.1	39.0	39.6	35.5	31.
roduction credit associations 5	5.5	11.1	13.9	15.5	18.8	20.5	22.1	21.4	20.2	18.8	14.6	11.3
armers Home Administration	.8	1.8	3.1	5.8	9.3	11.4	14.4	14.7	14.6	15.6	16.7	16.4
dividuals and others 6	4.9	8,6	12.2	14.3	16.6	17.7	18.8	19.5	18.9	18.0	15.4	12

Annual change from prior year shown; for 1970, change from 1985. For explanation of annual percent change, see Guide to uter Presentation.

\*Includes direct and insured farm ownership, farm housing, soil and water and recreation losss secured arm real estate.

\*Includes selfer and other individual financing of farm real estate sales and unclassified credit sources.

\*Also includes Federal intermediate credit batte sales and unclassified credit sources.

\*Includes merchants and dealers, individuals, Small Business Administration, and all other selfied credit sources.

surce: U.S. Dept. of Agriculture, Economic Research Service, Economic Indicators of the Farm Sector National Financial many, 1986.

### No. 1069, FARMS AND FARM OPERATOR DEBT—PERCENTAGE DISTRIBUTION BY DEBT/ASSET RATIO: 1987

[As of Jenuary 1. A farm is a crop or livestock farm if 50 percent or more of its commodity receipts derive from the sale of crop or animal products, respectively. A crop or livestock farm is further categorized as a particular type if 50 percent of its crop or, if applicable, livestock receipts come from a specific commodity area. Based on Farm Costs and Returns Survey conducted in February-March 1987 for the 1989 calendar year]

			T DISTRI		PERC	ENT DIST	TOR DEB	N BY
VALUE OF SALES AND TYPE OF FARM	Total	Less than 40 per- cent	40-70 per- cent	Over 70 per- cent	Total	Less than 40 per- cent	40-70 per- cent	Over 70 per- cent
All farms Less than \$10,000 \$10,000-\$19,999 \$20,000-\$39,999 \$40,000-\$99,999 \$100,000-\$249,999 \$250,000-\$499,999 \$250,000 and over	100.0 100.0 100.0 100.0	78.4 88.1 83.8 80.2 67.4 64.4 61.2 59.3	13.0 7.9 9.5 13.3 17.7 20.5 23.3 24.5	8.6 4.0 6.6 6.5 14.9 15.1 15.5 16.2	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	32.9 44.7 38.0 33.8 31.9 32.0 33.1 28.0	34.0 36.4 32.7 34.4 31.4 34.1 34.6 35.1	33.1 18.9 29.3 31.8 36.7 33.9 32.3 36.9
Cash grain. Field crop. Vegetable, fruit, and nut	100.0 100.0 100.0 100.0 100.0 100.0	68.1 79.4 83.4 85.8 81.6 85.3 69.0 67.8 82.5	17.3 10.6 10.0 11.9 9.7 10.0 18.0 22.0 11.6	14.6 10.0 6.6 2.3 8.7 4.7 13.0 10.2 5.9	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	28.3 25.8 26.0 55.9 34.8 38.2 34.2 34.8 54.3	33.0 35.1 34.3 28.6 29.2 35.4 34.8 40.9 27.0	38.7 39.1 39.7 15.5 36.0 26.4 31.0 24.3 19.7

Source: U.S. Dept. of Agriculture, Economic Research Service, Financial Characteristics of U.S. Farms, January 1, 1987 (AIS No. 525), 1987.

## No. 1070. FARMS, FARM INCOME, ASSETS, AND DEBT, BY VALUE OF SALES: 1986 [Minus sign (-) indicates loss]

	Num-	Gross		Net	4-		Debt	PE	RCENT DI	STINEUTIO	*
FARMS WITH VALUE OF SALES OF—	ber of terms <sup>1</sup> (1,000)	in- come s (bil. dol.)	Ceeh receipts (bil. dol.)	in- come <sup>a</sup> (bil. dol.)	As- sets a (bil. dol.)	Debt * (bil. dol.)	asset ratio <sup>a</sup> (per- cent)	Num- ber of farms <sup>1</sup>	Gross in- come <sup>a</sup>	Net in- come s	As- sets *
Total	867 265 237 223 204 210 88	162.8 7.0 3.7 5.0 8.7 23.7 37.6 26.1 51.0	136.2 1.8 1.8 3.2 6.1 16.7 31.9 22.8 49.1	40.6 9 -1 1.1 4.3 9.4 8.2 16.7	789.4 103.2 41.3 49.2 66.9 144.2 160.9 101.5 102.3	108.4 10.8 5.0 7.0 10.7 28.6 41.1 25.3 37.9	21.1 10.5 12.1 14.2 16.0 19.8 22.7 24.9 37.0	100.0 40.1 12.0 10.7 10.1 13.3 9.5 3.0 1.3	100.0 1.9 1.6 2.6 5.1 14.7 23.9 16.8 33.3	100.0 -2.3 1 -2 2.7 10.4 23.1 20.0 45.9	100.0 13.0 5.2 6.2 8.5 18.3 22.0 12.0 13.0

Represents or rounds to zero.
 Based on 1974 census definition. See text, section 23.
 Data are before inventory adjustment. For components of income, see table 1074.
 Data as of December 31, includes farm households.

Source: U.S. Dept. of Agriculture, Economic Research Service, Economic Indicators of the Farm Sector: National Financesum, 1986.

## NO. 1071. INDICATORS OF FINANCIAL STRESS IN AGRICULTURE, 1960 TO 1986, AND BY FARM REGION, 1986

[In percent. For years ending in June, except as noted. Based on a survey of approximately 1,000 benters which reflects their perception of farm financial conditions in their lending areas]

a Burk Season a trans				L				1988		
FINANCIAL STRESS INDICATOR	1980	1983	1984	1985	Total	North- east 1	Com Belt <sup>2</sup>	South *	Plains *	West *
Average delinquency rate <sup>6</sup> <sup>1</sup>	(NA)	3.7	4.4	5.3	6.0	6.9	5.4	5.2	6.6	5.2
discontinued	4.5	2.9 28	3,4 33	4.5 37	5.6 39	6.2 37	4.8 34	8.6 50	5.1 40	5.7
business. Farmers in bank lending area who went through	2.1	2.3	3.6	4.8	6.2	7.1	5.5	8.9	5.6	6.3
bankruptcy	(NA)	1.1	2.6	3.8	4.2	3.9	4.0	6.5	3.9	3.5

NA Not evallable. ¹ ME, NH, VT, MA, RI, CT, NY, NJ, PA, DE, MD, DC, MI, WI, and MN. ² VA, WY, NC, SC, GA, FL, KY, TN, AL, MS, AR, and LA. ² ND, SD, NE, KS, OK, and TX. UT, NY, WA, OR, CA, AK, and HI. ² Percentage of doller term loan volume 30 days or more dryear shown. ² Farm customers who have reached their maximum disbt load.

Source: American Bankers Association, Washington, DC, Agricultural Banker, selected Issues.

## No. 1072. FARM ASSETS AND DEBT, BY STATE: 1984 TO 1986

[As of December 31. includes farm operator households]

ASSE	TS (bil.	dol.)	DEB	T (bil. o	iol.)	Debt/ asset		ASSE	TS (bil.	dol.)	DEB	T (bil.	doi.)	Debt/
1984	1985	1986	1984	1985	1986	ratio, 1986 (per- cent)	DIVISION AND STATE	1984	1985	1986	1984	1985	1986	ratio, 1986 (per- cent)
950	846	789	204	188	166	21.1	S.A.— Con.							
2.0 1.1 2.6 2.2 .3 2.1	2.2 1.2 2.8 2.5 .3 2.3	2.4 1.2 2.9 2.7 .4 2.4	.4 .1 .4 .2 (z) .3	4 1 4 2 (z)	.4 .1 .4 .2 (Z)	15.7 6.1 11.8 9.0 7.0 8.7	WV NC SC GA FL	3.2 19.2 7.1 16.2 23.7	3.0 17.3 6.8 15.5 22.5	3.0 17.0 6.3 15.8 23.1	4.1 1.7 4.5 4.4	3.7 1.5 4.1 4.1	3.2 1.3 3.5 3.5 3.5	10. 18. 20. 22. 15.
13.0 4.4 19.1	12.7 4.7 18.3	13.2 6.0 20.6	3.0 .5 3.0	2.8 .5 2.7	2.6 .4 2.5	19.8 6.9 12.3	TNALMS	19.5 19.1 12.3 16.0	18.7 19.1 12.1 14.5	17.4 19.2 11.4 13.0	3.9 3.1 2.5 4.3	3.7 2.7 2.2 3.9	3.3 2.4 1.9 3.5	19 12 17 26
26.2 32.3 50.7	24.0 25.2 44.7	22.5 22.4 40.8	4.9 7.3 10.8	4.4 6.5 9.7	3.9 5.7 8.6	17.3 25.3 21.1	W.S.C.: AR LA OK TX	16.3	15.6 13.5 22.3 90.2	14.2 10.7 20.6 81.7	4,1 3.2 5.5 13.3	3,8 2.9 5.3 13.1	3.4 2.6 4.6 11.9	24 24 22 14
18.3 26.9	16.8	15.1 21.4	7.3	6.9	3.7 6.1	24.7 28.6	Mt.: MT ID	14.8	16.2 12.6 6.9	14.0 11.4 6.8	4.0 3.5 1.2	3.7 3.3 1.0	3.3 2.9	23 25 13
38.6 52.7 30.1 21.5 17.5 31.4	31.0 43.9 28.2 19.3 15.3	26.4 39.8 26.6 17.7 13.2	10.7 15.3 6.9 4.8 5.1	9.6 13.4 6.3 4.5 4.6	8.3 11.5 5.5 4.1 4.0	31.3 28.8 20.8 23.2 29.9	NMAZ.	19.6 9.1 11.4 7.6	16.6 7.6 10.1 7.5 2.3	16.6 7.0 10.5 6.7 2.4	4.6 1.4 1.9 1.1	1.3 1.8 1.0	3.5 1.2 1.8 .9	21 16 16 13 15
31.8	26.8 27.5	24.9 25.1	9.4	7.0	6.1	28.2 24.1	Pac.: WA	19.4	17.4 13.0	15.8	3.8	3.7	3.3	20
1.4 7.5 14.9	1.4 6.7 15.2	1,5 6,4 15,0	.4 1.2 2.3	.3 1.1 2.2	.3 1.0 2.1	19.2 16.0 13.7	CA		63.7 .5 4.2	56.8 .4 4.1	17.6 (z)	16.3 (2)	14.2 (Z)	25 8 8

then \$50 million.

J.S. Dept. of Agriculture, Economic Research Service, Economic Indicators of the Farm Sector: State Financial Summary,

# No. 1073. GROSS FARM PRODUCT—SUMMARY: 1970 TO 1986

in billions of dollars. For definition of gross product, see text, section 14. Minus sign (-) indicates decrease]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
CURRENT DOLLARS		-	1				41.	4.1	1.0	101	-	Ha
of farm output 1	55.1	99.8	107.0	125.7	149.5	148.4	164.3	159.0	142.9	166.8	158.5	149.1
ketings cash receipts 1	50.5	88.9	96.2	112.2	131.5	139.8	142.1	142.9	133.1	141.7	144.9	133.7
ducts consumed a	.8	1.1	1.2	1.1	1.2	1.1	1.1	1.0	1.1	1.1	.9	3.
farm inventories	-	3.4	1.1	2.1	5.0	-5.9	5.8	-1.4	-7.5	7.1	-3.6	-1.1
ntal value of farm housing	3,3	5.4	7.3	8.1	9.3	11.0	12.6	12.9	12.1	12.2	10.9	9.9
nediate products purchased 4	28.8	49.5	56.5	65.4	77.7	82.9	84.5	82.0	83.6	89.2	83.4	72.7
oss farm product	26.3	50.3	50.4	60.3	71.8	65.5	79.8	77.0	59.3	77.6	75.1	76.4
al consumption allowances 5	5.9	10.4	12.9	14.5	16.4	18.9	20.8	22.0	22.4	22.5	22.0	21.3
ect business taxes	2.0	2.5	2.8	2.8	3.0	3.0	3.2	3.3	3.2	3.0	3.1	3.0
dies to farm operators		.7	1.7	2.5	1.1	1.1	1.6	2.4	7.9	7.0	6.3	9.6
m national income	21.7	38.1	36.4	45.5	53.4	44.7	57.3	54.0	41.7	59.2	56.3	61.6
STANT (1982) DOLLARS					1-3	15.					1	
of farm output 1	135.2	138.6	144.8	149.8	155.8	151.7	159.3	159.0	143.1	155.2	163.6	162.7
ketings cash receipts 3	112.7	117.4	127.5	129.8	132.5	138.5	136.9	142.9	132.4	133.2	150.6	146.7
ducts consumed 3	1.7	2.0	1.7	1.5	1.4	1.2	1.1	1.0	1.1	1.0	1.0	5
n farm inventories	.8	1.4	-1.8	.6	4.6	-4.7	4.9	-1.4	-6.3	4.6	-4.6	-1.6
ntal value of farm housing	18.3	16.4	15.7	15.4	14.9	14.3	13.6	12.9	12.3	12.1	11.7	11.4
nediate products purchased *	74.5	73.8	82.6	88.8	91.2	87.6	83.5	82.0	81.8	86.7	84,6	78.0
oss farm product	60.7	64.8	62.2	61.0	64.6	64.2	75.7	77.0	61.3	68.5	78.9	84.7
al consumption allowances *		19.0	20.4	21.0	21.7	22.3	22.2	22.0	21.4	20.8	20.0	19.0
ct business taxes		2.8	2.7	2.6	2.8	2.8	3.3	3.3	2.7	3.0	3.4	3.7
dies to farm operators		1.8	1.9	2.0	2.1	2.3	2.2	2.4	2.0	2.0	2.5	2.4
m national income		44.7	41.1	39.3	42.2	41.4	52.4	54.0	39.3	46.8	58.0	64.4

eents zero. 
<sup>1</sup> Includes other farm income not shown separately. 
<sup>2</sup> Includes net CCC loans. 
<sup>3</sup> In farm where raised. 
<sup>4</sup> Net of defaulters' gain. 
<sup>5</sup> With capital consumption adjustment.

J.B. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–82,* and *larrent Business*, July issues.

No. 1074. FARM INCOME AND EXPENSES: 1970 TO 1986

[In billions of dollars, See also Historical Statistics, Colonial Times to 1970, series K 192, K 259-260, K 264-285, and K 3261

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Gross Income from farming	58.8	100.6	108.8	128.4	150.7	149.3	166.3	163.5	153.1	174.7	166.0	159.5
Cash income		90.7	99.3	117.3	135.1	143.3	146.0	150.6	150.4	155.1	156.9	152.1
Marketings, cash receipts	50.5	88.9	96.2	112.4	131.5	139.7	141.6	142.6	136.6	1423	144.2	135.2
Crops T	21.0	45.8	48.6	53.2	62.3	71.7	72.5	72.3	67.1	69.4	74.4	63.6
Net CCC loans 2	1	.2	3.6	(z)	9	.5	3.1	9.1	- 7	8	11.8	8.3
Livestock	29.5	43.1	47.6	59.2	69.2	68.0	69.2	70.3	69.4	72.9	69.8	71.6
Government payments	3.7	.8	1.8	3.0	1.4	1.3	1.9	3.5	9.3	8.4	7.7	11.8
Other farm income <sup>1</sup>	.6	1.0	1.2	1.9	2.2	2.3	2.5	4.5	4.5	4.4	5.0	5.1
Value of home consumption		1.1	1.2	1.2	1.3	1.2	1.2	1.1	1.1	1.1	.9	.9
Rental value of dwellings	3.3	5.4	7.3	8.1	9.3	11.0	12.6	13.1	12.5	12.3	10.9	9.9
Value of change in inventories 3	(z)	3.4	1,1	1.9	5.0	-6.3	6.5	-1.4	-10.9	6.2	-27	-3.3
Expenses of farm production	44.5	75.1	89.0	103.2	123.3	133.1	139.4	140.0	140.4	142.7	133.7	122.1
Intermediate products	25.2	42.5	49.8	60.2	71.9	76.1	76.6	73.7	75.8	76.0	72.0	65.4
Farm origin		20.0	23.5	28.8	35.2	34.9	33.3	31.4	33.5	32.8	30.4	28.8
Feed purchased	8.0	12.9	14.0	16.0	19.3	21.0	20.9	18.6	21.7	19.9	18.0	16.2
Livestock and poultry	-	1.20	1.44	1.4.4	74.0		-		244	14.4	100	1000
purchased	4.3	5.0	7.1	10.2	13.0	10.7	9.0	9.7	8.8	9.5	9.0	9.6
Seed purchased 4	.9	2.1	2.5	2.6	2.9	3.2	3.4	3.2	3.0	3.4	3.4	3.0
Manufactured inputs	5.4	12.4	13.9	15.3	17.9	22.4	23.9	22.2	20.9	21.5	20.8	17.0
Fertilizer and lime		6.7	6.5	6.6	7.4	9.5	9.4	8.0	7.1	7.4	7.3	5.8
Pesticides	1.0	1.8	1.9	2.7	3.4	3.5	4.2	4.3	4.2	4.8	4.8	4.3
Fuel and oil	1.7	3.3	4.4	4.6	5.6	7.9	8.6	7.9	7.5	7.1	6.6	4.8
Electricity	.3	.6	1.1	1.4	1.4	1.5	1.7	2.0	2.1	2.2	2.1	2.1
Repairs and maintenance 5	2.8	4.5	5.8	6.6	7.3	7.6	7.6	6.4	6.5	6.4	6.4	6.4
Other 4	3.7	5.6	6.7	9.5	11.5	11.2	11.9	13.6	14.9	15.3	14.4	13.2
Interest	3.4	6.4	8.5	10.2	13.1	16.3	19.9	21.8	21.4	21.1	18.7	16.9
Real estate	1.8	3.3	4.3	5.1	6.2	7.5	9.1	10.5	10.8	10.7	9.9	9.1
Non-real estate		3.1	4.2	5.2	6.9	8.7	10.7	11.3	10.6	10.4	8.8	7.8
Contract and hired labor	1.0	J	74.6	5.2	0.0	4,7	10.7	1,1.5	10.0	10.4	0.0	
expenses 7	4.3	6.6	8.0	6.3	9.0	9.3	8.9	10.1	9.7	9.7	9.8	9.9
Net rent to nonoperator landlords	2.1	4.0	3.4	4.0	6.2	6.1	6.2	6.1	5.1	8.6	8.1	6.7
Capital consumption *		12.4	15.5	17.0	19.3	21.5	23.6	24.3	23.9	23.1	20.9	19.0
Property taxes	2.6	3.2	3.7	3.6	3.9	3.9	4.2	4.0	4.5	4.1	4.2	4.1
Net income of farm operators	. SX		100				LLY	L. el	100	175		
from farming	14.4	25.5	19.9	25.2	27.4	16,1	26.9	23.5	12.7	32.0	32.3	37.5
In constant (1982) dollars	34.2	43.1	29.5	34.9	34.9	18.8	28.6	23.5	12.2	29.7	29.0	32.8

Z. Less then \$50 million.

1 Forest product sales are included in cash receipts for crops from 1970 to 1977 and in other farm income beginning 1978.

2 Commodity Credit Corporation (CCC) loans made minus loans repeat.

3 Includes bulbs, plants, and trees.

4 Includes bulbs, plants, and trees.

4 Includes bulbs, plants, and trees.

5 Expenditures for repairs and maintenance of farm buildings, motor vehicles, and machinary.

6 Includes machine hire and customwork expenses; marketing, storage, and transportation expenses and miscellaneous expenses. Beginning 1978 data not strictly comparable with prior years, payments and perquisites.

7 Includes Social Security

### NO. 1075. NET CASH INCOME AND NET CASH FLOW FROM FARMING: 1970 TO 1986

[in billions of dollars. Not cash income is for farm operators from their farming operation and not cash flow is for the agricultural sector. Minus sign (-) indicates not loan redemption]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Net cash income	18.4 54.8 36.4	29.6 90.7 61.1	27.9 99.3 71.4	33.1 117.3 84.2	33.4 135.1 101.7	34.2 143.3 109.1	32.8 146.0 113.2	38.1 150.6 112.5	37.1 150.4 113.3	38.8 155.1 116.3	47.3 156.9 109.6	52.0 152.1 100.1
Change in loans outstanding	2.3 1.1 1.2	9.2 4.6 4.6	14.8 7.9 6.8	16.5 8.3 8.3	24.2 13.0 11.2	15.2 9.9 5.3	15.5 9.0 6.5	7.2 3.8 3.4	3.2 2.3 .9	-1.9 -1.1 8		-10.2
Net change in operators' currency and demand deposits	.1	.1	.1	.1	.1	.1	.2	.2	.3	.2	.7	1.1
landlords	2.1 6.8 16.1	4.0 12.4 30.5	3.4 15.0 31.1	4.0 17.9 35.8	6.2 20.1 43.8	6.1 18.0 37.6	6.2 16.8 37.8	6.1 13.3 38.3	5.1 12.7 32.9	8.6 12.5 33.3	8.1 9.6 30.9	6.7 8.6 30.5

<sup>&</sup>lt;sup>1</sup> Excludes Commodity Credit Corporation loans. <sup>2</sup> Net cash income plus change in loans outstanding plus net change in currency and demand deposits plus net rent received by non-operator landlords minus capital expenditures.

Source of tables 1074 and 1075: U.S. Dept. of Agriculture, Economic Research Service, Economic Indicators of the Farm Sector: National Financial Summary, annual.

#### No. 1076. FARM INCOME-CASH RECEIPTS FROM FARM MARKETINGS: 1970 TO 1986

Represents gross receipts from commercial market sales as well as net Commodity Credit Corporation loans. See also Historical Statistics, Colonial Times to 1970, series K 286-302]

inne	-		FAI	RM MARKE	TINGS (mil	. dol.)				PERCEN	
ITEM	1970	1975	1980	1982	1983	1984	1985	1986	1970	1980	1986
Total	50,509	88,902	139,737	142,594	136,580	142,314	144,193	135,185	100.0	100.0	100.0
crops	20,977	45,813	71,746	72,338	67,143	69,378	74,413	63,612	41.5	51.3	47 1
Feed crops	5,109	12,183	18,308	17,409	15,535	15,831	22,479	17,849	10.1	13.1	13.2
Corn		8,530	13,959	12,764	10,857	10,671	16,821	13,291	6.6	10.0	9.8
Hay		1,387	1,917	2.002	2.157	2.322	2.348	2,140	1.2	1.4	1.6
Sorghum	641	1,302	1,392	1,509	1,220	1,459	1,970	1,391	1.3	1.0	1.0
Barley	298	625	736	803	991	1,070	1.042	834	.6	5	.6
Oil-bearing crops		7,480	15,493	13,817	13.546	13.894	12,595	10.507	7.1	11.1	7.6
Soybean	3,164	6,637	14,241	12.525	12,154	12,211	11,305	9,171	6.3	10.2	6.8
Peanuts	360	742	607	814	802	1,233	1.005	1,065	.7	4	
Food grains		8,195	10,402	11,412	9,713	9,576	9.080	5,948	5.0	7.4	4.4
Wheat		7.026	8.854	9.856	8,777	8,474	7,927	5,175	4.1	6.3	3.8
Rice	447	1,136	1,519	1,515	882	1.043	1,114	744	1	1.1	
Vegetables i	2.814	5.346	7,307	8,063	8.462	9,142	8,558	8,705	5.6	5.2	6.4
Fruits, tree nuts 1	2.071	3,563	6,557	6.846	6.064	6,768	6.836	6,900	4.1	4.7	5.1
Cotton lint, seed	1.254	2,311	4.447	4,457	3,705	3,270	3,730	2,920	2.5	3.2	22
Tobacco	1,388	2,155	2.672	3.342	2,768	2.841	2,722	1,918	2.7	1.9	1.4
Other 2		4,579	6,560	6,993	7,352	8.057	8.413	8,865	4.4	4.7	6.6
livestock and products		43,089	67,991	70,257	69,437	72,936	69,780	71,573	58.5	48.7	52.9
Cattle and calves		17,520	31,819	29.813	28,682	30,662	29,057	28,951	27.0	22.8	21.4
Dairy products	6,527	9,923	16,365	18,234	18,763	17,944	18,063	17,824	12.9	11.7	13.2
Hogs		7.916	8.942	10.659	9,785	9,703	9,029	9,702	8.9	6.4	7.2
Broilers		2,953	4.303	4,461	4.873	6,008	5,680	6,780	2.9	3.1	5.0
Eggs		2,814	3.247	3,439	3,449	4.089	3,253	3,515	4.2	2.3	2.6
Turkeys, other poultry 3		808	1,482	1,501	1,510	1,925	2,106	2,255	1.0	1.1	1.7
Sheep and lambs		386	471	445	426	466	503	484	.7	3	7.2
Farm chickens		110	128	119	147	170	152	128	2	1	3
Other 4	393	659	1,234	1,586	1.801	1.968	1.937	1.934	8	9	1.4

<sup>&</sup>lt;sup>1</sup> Melons included with vegetables. 
<sup>2</sup> Suger crops, greenhouse and nursery products, forest products (for 1970 and 1975), jume end grass seeds, hops, mint, broom-com, popcom, hemp fiber and seed, and flax fiber. 
<sup>3</sup> Ducks, geese, guiness, jeons, quail, pheesants, and turkey hetching eggs. 
<sup>4</sup> Wool, mohair, honey, horses/mules, aquaculture, and other livestock.

Source: U.S. Dept. of Agriculture, Economic Research Service, Economic Indicators of the Farm Sector: National Financial remany, 1986.

No. 1077. GOVERNMENT PAYMENTS TO FARMS, BY PROGRAM AND VALUE OF FARM SALES: 1980 TO 1986

[in millions of dollars. See also Historical Statistics, Colonial Times to 1970, series K 326-329]

ITEM	1980	1963	1984	1965	1965
Total	1,206	9,295	8,430	7,705	11,813
PROGRAM					
rd grain	382	1,346	367	2,861	5,158
eef	211	864	1,795	1,950	3,500
lon		662	275	1,106	1,042
		278	192	577	423
<b>d</b>		84	118	98	112
servation		188	191	189	140
cellaneous	276	15,874	1 5,493	1 924	1,439
VALUE OF FARM SALES	47	404	30	78	404
s then \$5,000		131	73 102	103	191 214
000-\$19,999	59	291	236	206	474
.000-\$39,999		585	569	691	1,242
000-\$99,999		1,996	1.899	1,897	3.056
),000-\$249,999		3.027	3,122	2,536	3.844
),000-\$499,999	3 195	1,779	1.445	1,346	1.734
),000 and over	91	1,401	984	847	1,059
	L	l			

notudes value of commodities transferred to farmers under the payment-in-kind program (PIK). For 1983, \$5.2 billion; for 1984, billion; and for 1985, \$.1 billion. \*\*Farms with sales of \$100,000-\$199,999. \*\*Farms with sales of \$200,000-\$499,999. ource: U.S. Dept. of Agriculture, Economic Research Service, Economic Indicators of the Farm Sector, National Financial may, 1986.

## Agriculture

# No. 1078. FARM INCOME—FARM MARKETINGS, 1985 AND 1986, GOVERNMENT PAYMENTS, 1986, AND PRINCIPAL COMMODITIES, 986, BY STATE

[In millions of dollars. Cattle include calves; sheep include lambs; and greenhouse includes nursery. See table 1074]

		1985			19	86		percentage of total marketings, 1986				
	Farm	market	ings	Farm	market	ings		commodities in order of marketing receipts and as percentage of total marketings, 1986				
DIVISION AND STATE	Total	Crops	Live- stock and prod- ucts	Total	Crops	Live- stock and prod- ucts	Govern- ment pay- ments	commodities in order of marketing receipts and as				
U.S	144,193	74,413	69,780	135,185	63,612	71,573	11,813	Cattle, dairy products, corn, hoge (52%)				
ME ME VT MA RI CT	366 106 387	680 137 36 34 262 62 150	999 229 70 354 128 14 205	1,742 365 109 398 423 75 372	734 143 38 36 292 63 162	1,008 223 72 361 131 12 210	32 7 3 12 6 (z)	45—Dairy products, potatoes, eggs, cattle (75%) 48—Dairy products, greenhouse, apples, cattle (77% 43—Dairy products, cattle, hay, apples (93%) 42—Greenhouse, cranberries, dairy prod., eggs (75% 49—Greenhouse, dairy products, eggs, potatoes (67% 44—Eggs, greenhouse, dairy products, lobacco (76%				
NY NJ PA	2,578 587	2,176 730 443 1,003	4,175 1,847 144 2,184	6,278 2,533 580 3,165	2,081 724 430 926	4,197 1,809 150 2,239	128 77 6 45	21—Dairy products, greenhouse, cattle, eggs (74% 37—Greenhouse, dairy products, eggs, peaches (49% 15—Dairy products, cattle, greenhouse, eggs (68%				
E.N.C OH IN IL MI WI	4,117 4,791 7,970 2,923	14,292 2,602 3,063 5,915 1,692 1,019	10,584 1,515 1,728 2,055 1,231 4,055	22,321 3,610 4,110 6,880 2,664 5,057	11,359 2,043 2,258 4,737 1,429 892	10,962 1,566 1,852 2,143 1,236 4,164	2,050 269 411 883 221 266	12—Corn, soybeans, dairy products, hogs (68%) 10—Corn, hogs, soybeans, cattle (75%) 5—Corn, soybeans, hogs, cattle (90%) 19—Dairy products, corn, cattle, hogs (56%) 8—Dairy products, cattle, corn, hogs (85%)				
W.N.C	9,465 3,688 2,688 3,057 7,341	18,507 3,223 4,582 1,763 2,001 1,157 3,227 2,552	20,214 3,370 4,883 1,924 687 1,900 4,113 3,336	35,812 6,074 9,106 3,516 2,299 2,463 6,928 5,425	15,598 2,680 4,124 1,586 1,623 938 2,669 1,978	20,214 3,395 4,962 1,930 676 1,525 4,260 3,447	5,061 802 1,161 276 700 383 868 871	6—Dairy products, corn, cattle, hogs (65%) 2—Hogs, corn, cattle, soybeans (92%) 13—Soybeans, cattle, hogs, corn (71%) 24—Wheat, cattle, barley, sunflower (69%) 22—Cattle, hogs, corn, wheat (73%) 4—Cattle, corn, hogs, soybeans (87%) 7—Cattle, wheat, sorghum grain, corn (83%)				
DE MD VA WV NC SC GA FL	16,589 492 1,220 1,684 247 3,929 1,036 3,277 4,704	9,098 139 456 623 56 1,971 621 1,550 3,681	7,491 353 764 1,062 191 1,958 415 1,727 1,022	16,115 520 1,186 1,613 227 3,782 894 3,206 4,688	8,106 118 371 486 71 1,608 440 1,324 3,688	8,010 402 814 1,127 156 2,174 455 1,882 1,000	377 7 32 43 8 90 54 116 26	41—Broilers, soybeans, corn, greenhouse (82%) 34—Broilers, dairy products, greenhouse, cattle 39—Cattle, dairy products, broilers, turkeys (57%) 47—Dairy products, broilers, apples, cattle (70%) 11—Tobacco, broilers, hogs, turkeys (57%) 36—Tobacco, cattle, soybeans, dairy products (43%) 41—Broilers, peanuts, eggs, cattle (60%) 9—Greenhouse, oranges, tomatoes, sugar (51%)				
KY TN AL MS	9,351 2,934 2,091 2,074 2,250	4,687 1,583 1,091 773 1,240	4,664 1,352 1,000 1,301 1,011	8,107 2,389 1,924 2,009 1,785	3,288 1,079 891 578 741	4,819 1,311 1,033 1,431 1,044	460 89 98 80 193	23—Tobacco, horses, cattle, dairy products (70%) 27—Cattle, dairy products, greenhouse, soybeans (57%) 25—Broilers, cattle, eggs, peanuts (69%) 28—Broilers, cotton, soybeans, cattle (69%)				
AROK	3,433 1,485	7,399 1,607 993 957 3,841	9,483 1,825 491 1,726 5,441	15,459 3,022 1,372 2,622 8,444	5,548 1,005 869 746 2,928	9,911 2,017 503 1,875 5,516	1,845 314 160 393 978	17—Broilers, scybeans, rice, cattle (67%) 32—Scybeans, cotton, cattle, sugar (50%) 20—Cattle, wheat, dairy products, broilers (78%) 3—Cattle, cotton, dairy products, greenhouse (69%)				
MT		4,266 422 1,219 123 1,097 368 813 142 81	804 874 478 2,084 718 693	10,120 1,213 1,925 566 3,109 1,010 1,495 570 232	3,840 493 1,042 111 890 302 796 134 72	6,281 720 884 455 2,218 708 699 437 160	1,039 366 223 29 235 62 84 36	33—Cattle, wheat, barley, hay (85%) 26—Cattle, dairy products, potatoes, wheat (64%) 40—Cattle, sheep, sugar beets, hay (86%) 16—Cattle, wheat, corn, dairy products (80%) 35—Cattle, dairy products, hay, chili peppers 31—Cattle, cotton, dairy products, lettuce (64%) 39—Cattle, dairy products, utrkeys, hay (71%) 46—Cattle, hay, dairy products, potatoes (89%)				
WA	19,273 2,834 1,737 14,150 26 526	13,309 1,908 1,115 9,826 18 443	926 622 4,324	19,230 2,793 1,784 14,049 29 575	13,059 1,812 1,135 9,602 19 491	981 649 4,446	822 299 128 388 1	18—Dairy products, cattle, apples, wheat (56%) 29—Cattle, greenhouse, dairy products, wheat (47% 1—Dairy products, cattle, greenhouse, grapes (39% 50—Greenhouse, dairy products, hay, potatoes (82% 38—Sugar, pineapples, greenhouse, nuts (74%)				

Z Less than \$500 thousand.

Source: U.S. Dept. of Agriculture, Economic Research Service, Economic Indicators of the Farm Sector: State Financial Summary, 1996.

No. 1079. FARM INCOME, 1985 AND 1986, AND INCOME/DEBT RATIO, 1986, BY STATE income data are after inventory adjustment. Includes farm operator households. For farm debt data by State, see table 1072. Minus sign (—) indicates not loss)

		S FARM (mil. dol.)		FARM (mil. dol.)	Net farm		GROSS INCOME			FARM (mil. dol.)	Net farm
N AND	1980	1980	1905	1986	income/ debt ratio, 1985 (per- cent)	DIVISION AND STATE	1985	1980	1986	1985	income/ debt ratio, 1980 (per- cent)
<b>3</b>	166,029	159,539	32,334	37,487	22.5	8.A.—Con.					
		1				WV	353	365	38.3	65.8	22.0
	460	432	51.1	37.7	10.0	NC	4,543	4,339	1,078.6	1,196.5	37.2
	147	151	31.5	37.5	49.2	sc	1,235	1,051	179.4	119.9	9.3
<b></b>	461	469	94.0	109.1	31.3	<u>G</u> A	3,744	3,633	916.2	1,095.1	30.9
· • • • • • • • • • • • • • • • • • • •	429	587	117.2	275.0	111.3	FL	5,013	4,999	1,857.4	2,003.6	56.9
	86	87	47.5	49.1	183.2	l			l	1	
	423	442	121.6	151.9	72.7	E.S.C.:			769.3		
						KY	3,131	2,935		688.9	20.8
	1	i	1	1		TN	2,652 2,501	2,387 2,420	544.5 624.7	451.4 697.8	18.4 35.8
	2.923	2.893	449.7	598.4	22.9	MS	2,501	2,420	493.8	358.2	10.2
	751	745	256.6	279.4	67.2	M-3	2,5/5	2,170	483.0	336.2	10.2
	3,661	3,632	817.0	977.8	38.7	W.S.C.:			1		1
	1 -1					AR	3.937	3.659	1.053.1	1.095.1	32.0
	Į.	l .				I 🛣	1.858	1.666	195.1	164.2	6.3
	4.529	4,127	868.9	808.7	20.9	OK	3.283	3.360	548.2	807.0	17.6
	5.081	4.634	632.9	705.3	12.4	TX	11.762	10.694	2.377.0	2.350.3	19.8
	8.845	7.836	1,537.5	1,475.2	17.2	I	,	,	_,_,_,	_,_,_,	
	3,568	3,205	675.0	583.7	15.6	Mt.:			Į.	I	
•••••	5.672	5,801	1.048.6	1.561.9	24.4	MT	1.270	1,848	-271.5	329.3	9.9
••••••	1 -10.2	0,00	1,010.0	1,551.5		ID	2.505	2.322	393.3	432.4	14.9
	l	1		1		WY	657	678	-51.8	14.9	1.6
•	7,346	7,099	1,245.3	1,670.4	20.1	·	3,677	3,573	468.0	555.8	15.8
••••••	10.804	10,545	1,589.5	2,330.6	20.3	NM	1,241	1,154	204.0	209.2	17.5
	4.682	4.195	764.7	697.9	12.6	AZ	1,822	1,752	338.0	413.5	23.2
	3,407	3.125	661.5	694.5	16.9	UT	690	712	62.1	114.7	13.0
•••••	3.230	3.066	807.4	753.6	19.0	NV	252	244	14.4	28.0	7.3
•••••	8.272	8.072	1,460.8	1,773.2	25.2	I			1	1	
	6.977	6.994	1.148.4	1.477.3	24.4	Pec.:					1
•••••	0,5//	0,554	1,140.4	۱,۳/۱.3	27.7	WA	3,357	3,804	778.4	1,212.1	37.0
	i	1	l	1	1	OR	2,192	2,223	493.6	653.2	22.2
	530	554	120.8	165.5	59.0	CA	15,603	15,058 36	4,099.5	4,235.0	32.6
•••••	1,413	1,350	307.1	368.0	36.2	H	32 563	611	139.2	15.0	41.4 55.2
•••••	2.084		325.8				<b>563</b>	ווס	139.2	206.1	35.2
***************************************	2,004	2,011	323.5	392.6	19.6		1	l	ı	1	1

>: U.S. Dept. of Agriculture, Economic Research Service, Economic Indicators of the Farm Sector: State Financial Summary,

# NO. 1080. INDEXES OF PRICES RECEIVED AND PAID BY FARMERS: 1970 TO 1986 [1877 = 100, except as noted. See also Historical Statistics, Colonial Times to 1970, series K 344-353]

ITEM	1970	1974	1975	1976	1978	1979	1980	1981	1982	1983	1984	1985	1986
received, all products	60	105	101	102	115	132	134	139	133	135	142	128	123
5 1	52	117	105	102	105	116	125	134	121	128	139	120	106
od grains	59	192	155	129	122	147	165	166	146	148	144	133	109
ed grains and hay	57	134	127	120	101	114	132	141	120	143	145	122	96
tton	36	85	68	99	91	96	114	111	92	104	108	93	91
bacco	62	85	93	93	109	118	125	140	153	155	153	153	138
-bearing crops	41	96	81	85	93	103	102	110	88	102	109	84	77
its	59	86	85	80	137	144	124	130	175	128	202	181	167
mmercial vegetables 2		81	92	91	105	110	113	136	126	130	135	127	129
tock and products	67	94	98	101	124	147	144	143	145	141	146	136	138
at animals	72	98	100	101	134	166	156	150	155	147	151	142	145
iry products	59	86	90	100	109	124	135	142	140	140	139	131	129
ultry and eggs	64	94	103	102	106	111	112	116	110	118	135	119	128
paid, total 2	55	81	89	95	108	123	138	150	159	161	165	163	159
oction 1	54	83	91	97	108	125	138	148	153	152	155	151	145
ed	54	104	100	103	98	110	123	134	122	134	135	116	108
eder livestock	77	93	85	97	140	185	177	164	164	160	154	154	153
ed	43	82	94	92	105	110	118	138	141	141	151	153	146
rtilizer	48	92	120	102	100	108	134	144	144	137	143	135	124
ricultural chemicals	62	76	102	111	94	96	102	111	119	125	128	128	127
els and energy	52	79	88	93	105	137	188	213	210	202	201	201	162
rm and motor supplies	66	89	102	100	104	115	134	147	152	152	147	146	144
est payable per acre	39	65	77	88	117	143	178	216	249	258	257	238	216
s payable per acre	68	81	87	94	100	107	114	123	124	129	132	133	134
rates 1	57	79	85	93	107	117	126	137	144	148	151	154	160
ratio (1910-14 = 100) 5	72	86	76	71	70	71	65	61	56	56	57	52	51

tables other items not shown separately.

<sup>2</sup> Excludes potatoes.

<sup>3</sup> Includes production items, interest, taxes, wage rates, lamily living component. The family living component is the Consumer Price Index for all urban consumers from the Bureau or Statistics. See text, section 15, and table 738.

<sup>4</sup> Straight average of seasonally adjusted indexes.

<sup>5</sup> Ratio of prices by taxes and the prices of prices and the prices of prices and the prices of prices and the prices of prices and the prices of prices and the prices of prices are prices and the prices are prices and the prices are prices and the prices are prices and the prices are prices and the prices are prices and the prices are prices and the prices are prices and the prices are prices are prices and the prices are prices are prices are prices and the prices are prices

ce: U.S. Dept. of Agriculture, National Agricultural Statistics Service, Agricultural Prices: Annual Summary.

#### No. 1061, COMMODITY CREDIT CORPORATION—SUMMARY: 1970 TO 1986

[In millions of dollars. As of and of fiscal year or for fiscal years ending in year shown; see text, section 9. The Commodity Credit Corporation is a wholly government-owned corporation. Its purpose is stabilizing, supporting, and protecting farm income and prices; assisting in maintenance of balanced adequate supplies of agricultural commodities; and taclitating orderly distribution of agricultural commodities. See also Historical Statistics, Colonial Times to 1970, series K 330–343]

ITEM	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
LOAN ACTIVITY		1	13				0.01			111	
Loans made		852		4,576		5,849	11,454	13,710	5,131	10,187	17,39
Loans cancelled by acquisition of	1,830	939	4,444	4,048	4,148	5,741	4,629	9,373	10,581	4,458	5,675
collateral	1,073	100	145	318	115	71	363	860	1,032	1,638	5,583
Loans outstanding 3		335	5,030	5,210	5,119	5,193	11,633	15,084	8,571	12,631	18,660
Wheat		4	1,318	816	837	1,871	3,321	4,162	3,414	4,591	3,75
Corn		39	1,280	1,301	1,617	629	4,210	5,274	1,236	2,766	7,878
Cotton	. 170	143	153	80	35	76	714	960	67	376	1,076
Tobacco	845	119	751	903	815	764	867	1,738	2,084	2,539	2,336
COMMODITY INVENTORY OPERATIONS	100	12	700	1	100	1	1				
Acquisitions, value 2 s	1.518	835	911	1,007	2,759	2,507	2,968	8,634	8,741	4.294	9,912
Purchases		735	761	677	2.643	2.503	2,593	7.644	7,676	2,616	4,195
Collateral acquired from loans	1,120	100	150	330	116	4	375	990	1,065	1,678	5,717
Wheat.	217	4	135	40	601	28	27	1,600	1,983	919	2,196
Corn		2	31	195	416	21	179	3,132	2,591	192	2,287
Cotton		(z)	(z)	(Z)	1	(Z)	(z)	175	1,056	53	556
Dairy products		480	445	247	1,262	1,991	2,282	2,716	1,983	1,820	2,036
Butter		65	154	75	326	528	561	610	360	406	489
Cheese	7	92	51	17	443	768	874	1.173	892	749	764
Dried milk	. 100	323	240	155	493	695	843	928	731	665	783
Commodities owned, value 3	1,858	416	1,029	1,162	2,737	3,727	5,103	10,227	7,358	6.921	11,050
Wheat		2	119	118	705	679	679	1,533	1.510	1.951	3,491
Com		(z)	27	209	596	555	709	3.392	1.045	757	1.757
Cotton		(Z) (Z)	(z)		1	1	2	174	74	46	229
Sorghum	173	(z)	28	(z) 92	93	79	91	520	290	359	725
Dairy products	134	290	751	570	1,266	2,396	3,442	4,219	4,102	3,014	2.830
Butter *	97	41	240	188	385	709	781	898	857	502	579
Cheese	-	10	55	4	309	888	1,395	1,674	1,683	1,185	1,204
Dried milk	37	239	456	378	572	799	1,266	1,648	1,562	1,327	1,047

Represents zero. Z Less than \$500,000. ¹ Covers commodity loans and storage facility and equipment loans. The letter were not available after July 1982. ¹ includes amounts for commodities and storage facilities, not shown separately. ² For 1970, includes purchases for commodity export program. ¹ Beginning 1983, includes butter oil.

# No. 1062. COMMODITY CREDIT CORPORATION—REALIZED LOSSES ON PRICE SUPPORT AND RELATED PROGRAMS: 1970 TO 1986

[In millions of dollars. The realized loss or cost for these programs is reimbursed to C.C.C. by congressional appropriations and doss not include reimbursements under Public Law 480 (Food for Peace), National Wool Act, or Export Credit Sales Programs. See also headnote, table 1081. Minus sign (—) indicates net loss]

ПЕМ	1970	1975	1980	1981	1982	1983	1984	1985	1986
Total net realized loss	-4,213	-710	-2,296	-3,531	-5,723	-19,513	-8,518	- 12,935	- 19,990
Net realized loss, program 1	-3,622	-681	-1,544	-2.760	-3,355	-17,643	-7.104	-10,899	-18,625
Producer payments 2	-2,945	-560	-418	-1,030	-1,491	-4,734	-4,553	-7,308	-13,950
Diversion payments (cash) 3	-1,014	-5	-56		-	-1,332	-913	-1,538	- 15
Deficiency payments (cash) *	-	-	-80	-	-1,184	-3,286	-3,639	-5,748	-9,737
Deficiency payments (certificates) +		(x) -555	-257	(x)		(x)	(x)	(x)	-2,319
Disaster payments (cash) 5	-	-555	-257	-1,030	-306	-115	-1	(z)	(2)
Commodity inventory operations		-114	-479	-926	-1,377	-2,562	-2,701	-3,620	-4,255
Net loss on sales	-2	+87	-70	-203	-483	-581	-594	-627	-1,644
Commodity sales proceeds "		+450	+962	+902	+562	+1,619	+9,521	+1,758	+2,528
Cost of sales	-882	-363	-1,032	-1,105	-1,045	-2,200	-10,115	-2,385	-4,172
Cost of commodities donated		-168	-184	-432	-572	-1,402	-1,599	-2,464	-1,718
Other expenses 7	-211	-33	-225	-291	-322	-579	-508	-528	-892
Payment-in-kind program	. (x)	(x)	(x)	(x) -87	(x)	-9,424	-302	+17	-24
Grain reserve storage expense *	-144	(x) (z)	-237		-464	-1,113	-278	-307	-342
Other costs and recoveries		-6		-366	+11	+246	+745	+329	+247
Net interest expense *	-535	+43	-596	-605	-2,066	-1,523	-1,034	-1,651	-883
Net operating and other expense	-56	-72	-156	- 166	-302	-347	-380	-385	-490

<sup>-</sup> Represents zero. X Not applicable. Z Less then \$500,000. ¹ includes other program losses not shown separately. Por 1970, includes activity for prior year programs and other producer payments not shown separately. For 1970, includes price support payments. For 1986 other major producer payments were: upland crotses, \$350 million. °Payments are made to producers of less grains, upland cotton, wheat, and rice who voluntarily diverted additional acreage from crop production to approved conservation uses or sected to divert wheat acreage for grazing or hay, but only if the Scorelary of Agriculture determined that such payments were necessary to meet desirable acreage goels. °Payments are made to producers of wheat, lesd grains, upland cotton, and rice when the target price for the commodities access the national weighted average market price or the loan rate, whichever is higher. °Payments are made to producers of wheat, feed grains, cotton, and rice in the event a crop cannot be planted, or if the quantity harvested is substantially lose than the expected production because of drought, flood, or other natural diseaser, or other conditions beyond the producers' control. °I includes the value of exported commodities changes to P.L. 480, Title II. °Covers storage, handling and transportation expenses. °Payments to producers or storage of grain under the termer-owned grain reserve program. For 1970–1975, includes reseal ioan storage expense. °Interest expenses minus interest income.

Source of tables 1061 and 1062: U.S. Agricultural Stabilization and Conservation Service, Commodity Credit Corporation Planet of Financial Condition and Operations, annual.

### NO. 1083. CIVILIAN CONSUMER EXPENDITURES FOR FARM FOODS—FARM VALUE AND MARKETING BILL: 1970 TO 1986

[Im billions of dollars, except percent. Excludes imported and nonfarm foods, such as coffee and seafood, as well as food consumed by the military, or exported. See *Historical Statistics, Colonial Times to 1970*, series K 358-380 for data before revisions?

ITEM	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	198
Consumer expenditures, total	110.6	167.0	216.9	245.2	264.4	287.7	298.9	315.0	332.0	345.4	361.
Farm value, total	35.5	55.6	69.5	79.2	81.7	83.2	83.7	85.7	91.4	88.3	89.
Marketing bill, total 1		111.4	147.4	166.0	182.7	204.5	215.2	229.3	240.6	257.1	272.
Percent of total consumer expenditures		66.7	68.0	67.7	69.1	71.1	72.0	72.8	72.5	74.4	75
t-home expenditures 2		116.2	149.2	169.4	180.1	194.0	196.7	204.6	213.1	220.8	227
		44.0	56.4	64.5	65.9	66.6	65.9	66.8	70.7	68.1	68.
Farm value		72.2	92.8				130.8	137.8	142.4	152.7	159
Marketing bill 1	49.1			104.9	114.2	127.4					70.
Percent of at-home expenditures	62.8	62.1	62.2	61.9	63.4	65.7	66.5	67.4	66.8	69.2	
way-from-home expenditures	32.4	50.8	67.7	75.8	84.3	93.7	102.2	110.4	118.9	124.6	133.
Farm value	6.4	11.6	13.1	14.7	15.8	16.6	17.8	18.9	20.7	20.2	21.
Marketing bill 1		39.2	54.6	61.1	68.5	77.1	84.4	91.5	98.2	104.4	112.
Percent of away-from-home expenditures	80.2	77.2	80.6	80.6	81.3	82.3	82.6	82.9	82.6	83.8	84.
Marketing bill cost components:					1		12.5	1000			100
Labor cost 3	32.2	48.3	66.2	75.2	81.5	91.0	96.6	102.4	109.3	116.5	123.
Packaging materials	8.2	13.3	16.6	18.6	21.0	22.6	23.7	24.7	26.2	26.9	28.
Rail and truck transport *		8.4	10.5	11.8	13.0	14.3	14.7	15.4	15.9	16.5	16.
Corporate profits before taxes	3.6	7.1	10.3	10.4	10.2	10.0	9.6	9.8	10.8	11.1	12.
Fuels and electricity		4.6	7.1	8.2	9.0	10.0	11.0	11.7	12.5	13.2	13.
Other s		29.7	36.7	41.9	48.0	56.6	59.6	65.3	65.9	72.9	77.
Processing	29.7	40.9	53.5	60.3	66.3	73.0	74.7	77.6	80.2	87.6	91.
Wholesaling	8.7	13.5	16.5	18.6	20.4	22.8	25.6	27.1	28.4	29.6	30.
Transportation	5.2	8.4	10.5	11.8	13.0	14.3	14.7	15.4	15.9	16.5	16.
Retailing and food service		48.6	66.9	75.4	83.0	94.4	100.2	109.2	116.1	123.4	132
SELECTED FOOD COMMODITY GROUPS	100		1	-		1		100	1197	1	
eat products:						1					
Total expenditures	33.7	48.0	69.5	80.2	83.3	86.6	91.9	97.9	101.7	103.2	106.
Farm value		20.6	28.0	31.5	30.8	31.1	31.5	31.4	32.4	30.5	30.
Percent of total		42.9	40.3	39.3	37.0	35.9	34.3	32.1	31.9	29.6	29.
Marketing bill 1		27.4	41.5	48.7	52.5	55.5	60.4	66.5	69.3	72.7	75.
ultry and eggs:	19.4	27.4	41.0	40.7	02.0	00.0	00.4	00.5	69.3	12.1	/5.
Total expenditures	0.1	127	15.2	17.4	18.3	19.9	20.3	21.7	24.2	26.0	28
		12.7		8.1		8.8	8.5	9.3	11.0	10.2	11
Farm value	4.0	6.3	7.3		8.4						
Percent of total	44.0	49.6	48.0	46.6	45.9	44.2	41.9	42.9	45.5	39.2	41.
Marketing bill 1	5.1	6.4	7.9	9.3	9.9	11.1	11.8	12.4	13.2	15.8	16,
ry products:	40.7										-
otal expenditures		23,3	30.1	33.5	37.8	41.4	42.0	45.0	47.4	49.4	52.
Farm value		10.0	12.7	14,6	16.0	17.0	16.7	18.0	18.1	17.7	17.
Percent of total	41.3	42.9	42.2	43.6	42.3	41.1	39.8	40.0	38.2	35.8	34.
Marketing bill 1	9.8	13.3	17.4	18.9	21.8	24.4	25.3	27.0	29.3	31.7	34.
its and vegetables:	100.0	0.05.5-2	1 33	47.7	1000	15.7	167	2.7%	202	11212	35
otal expenditures		35.6	46.3	52.5	55.5	62.8	66.7	70.0	74.7	78.5	82.
Farm value		8.4	10.0	10.9	11.7	13.3	13.8	13.3	15.1	15.2	15.
Percent of total		23.6	21.6	20.8	21.1	21.2	20,7	19.0	20.2	19.4	18.
Marketing bill 1	17.5	27.2	36.3	41.6	43.8	49.5	52.9	56.7	59.6	63.3	66.
ery, grain mill products:	100	100.00		1.56	1			100	100	1 5 3	12
otal expenditures	13.6	24.1	27.5	31.6	35.2	37.9	39.6	40.6	43.3	45.5	48.
Farm value	2.0	4.1	3.8	4.8	5.1	4.9	4.8	4.9	5.1	4.7	4.
Percent of total	14.7	17.0	13.8	15.2	14.5	12.9	12.1	12.1	11.8	10.3	8.
Marketing bill 1	11.6	20.0	23.7	26.8	30.1	33.0	34.8	35.7	38.2	40.8	43.

The difference between civilian expenditures for domestic farm-originated food products and the farm value or payment farmers ived for the equivalent farm products. 

<sup>2</sup> Food primarily purchased from retail food stores for use at home. 

<sup>3</sup> Covers loyee wages and salaries, and their health and weltare benefits. Also includes imputed earnings of proprietors, partners, and y workers not receiving stated remuneration. 

<sup>4</sup> Excludes local hauling.

<sup>5</sup> Represents advertising, rents, depreciation, set on borrowed capital, taxes other than income, and other costs.

urce: U.S. Dept. of Agriculture, Economic Research Service, Food Cost Review, 1986, AER No. 574, July 1987; Food samplion, Prices, and Expenditures, 1985, SB-749, January 1987; Agricultural Outlook, periodic; and Agricultural Statistics,

## No. 1084. FARMER MARKETING AND FARM SUPPLY COOPERATIVES—SUMMARY: 1970 TO 1985

i-1977, for flecal years of cooperatives ending between July 1 of preceding year and June 30 of year shown. Beginning 78, reports of cooperatives are for the calendar year. Comprises independent local associations, federations, large-scale trailized associations, and sales agencies. Memberships and businesses are estimated. See also Historical Statistics, Colonial set to 1970, series K 195-203]

ITEM	1970	1975	1977	1978	1978	1986	1981	1962	1963	1984	1965, prel.
ooperatives listedting 1supply		7,845 4,916 2,729	6,736 4,143 2,593	6,600 4,050 2,550	6,445 3,938 2,507	6,293 3,924 2,369	6,211 3,855 2,356	6,125 3,826 2,299	5,969 3,781 2,208	5,782 3,646 2,136	5,625 3,589 2,036
emberships * (1,000)	3,133	6,123 3,151 2,972	5,758 2,692 3,066	5,006 2,632 3,063	5,627 2,567 3,060	5,379 2,574 2,804	5,335 2,479 2,856	5,136 2,469 2,666	4,955 2,402 2,553	4,842 2,445 2,397	4,781 2,383 2,396
veinees <sup>2</sup> (mil. dol.) ling <sup>1</sup> (mil. dol.) supply (mil. dol.)	15,207	41,342 32,682 8,660	<b>43,584</b> 33,027 10,557	47,306 36,253 11,052	<b>56,268</b> 42,747 13,521	66,254 50,120 16,134		98,150 52,788 16,362	<b>96,755</b> 50,812 15,943	73,047 56,078 16,969	65,601 48,961 16,641

audes cooperatives whose major activity is providing services related to marketing and farm-supply activities.

<sup>9</sup> Excludes ing patrons.

<sup>8</sup> Value of commodities sold or purchased for patrons. Business dollar volume for marketing includes service is for charges related to marketing and purchasing. Represents net volume after eliminating intercooperative business. or: U.S. Dept. of Agriculture, Agricultural Cooperative Service, Farmer Cooperative Statistics, annual.

#### NO. 1083, SELECTED INDEXES OF FARM INPUTS: 1960 TO 1985

[1977 = 100, Inputs based on physical quantities of resources used in production. See Historical Statistics, Colonial Times to 1970, series K 486-495 for data before revisions]

INPUT	1960	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985
Total	99	96	97	102	105	103	102	100	97	96	98
Farm labor Farm real estale  Mechanical power and machinery Agricultural chemicals  Feed, seed, and livestock purchases  Taxes and interest Miscellaneous	177 103 83 32 77 95 77	112 105 85 75 96 102 89	106 97 96 83 93 100 82	100 100 104 107 108 99 103	99 103 104 123 115 103 113	96 103 101 123 114 100 96	96 103 98 129 108 99 108	93 103 94 118 106 99 115	97 101 90 105 108 99 100	92 99 88 121 104 95 110	85 97 83 123 110 96 116

¹ Includes service buildings, improvements.
² Includes fertilizer, time, and pesticides.
² Includes nonfarm portion.
Source: U.S. Dept. of Agriculture, Economic Research Service, Economic Indicators of the Farm Sector: Production and Efficiency Statistics, annual. Also in U.S. Council of Economic Advisers, Economic Report of the President, annual.

#### No. 1086, FARM MACHINERY AND EQUIPMENT: 1970 TO 1986

[See also Historical Statistics, Colonial Times to 1970, series K 184-191]

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Value of farm implements and machinery !	Bil. dol	34.4	63.1	76.4	83.3	93.2	99.3	107.8	107.9	106.2	102.7	92.4	84.5
Farmers' expenditures:  Motor vehicles *  Machinery, equipment	Mil. dol Mil. dol	2,030 2,888	3,833 4,820		5,580 7,158					4,725 4,735		3,699 3,660	3,227
Retail sales: <sup>3</sup> Tractors, total <sup>4</sup> 2-wheel drive 4-wheel drive Combines Corn heads.	1,000 1,000 1,000 1,000 1,000 1,000	135.5 135.5 (NA) 26.7 18.5 15.0	161.1 150.5 10.6 33.1 25.4 13.1	130.9 123.2 7.7 28.8 20.7 13.2	139.6 130.9 8.7 31.5 21.2 11.5	139.0 127.5 11.5 32.3 22.4 12.5	119.3 108.4 10.9 25.7 17.2 9.5	103.8 94.1 9.7 26.8 15.7 7.6	77.2 70.4 6.8 16.2 9.3 5.1	71,3 66,2 5,1 12,8 6,8 4,1	66.7 62.7 4.0 11.4 6.4 3.5	58.5 55.5 3.0 8.4 5.0 2.5	47 1 45 1 20 7.7 4.7 2.2

NA Not available. <sup>1</sup> Farm inventory valuations as of December 31, includes family automobiles. <sup>2</sup> For farm business use. <sup>2</sup> Source: Farm and industrial Equipment institute, Chicago, IL, unpublished data. <sup>4</sup> Beginning 1977, covers tractors over 40 hp. only.

### NO. 1067. SUPPLY AND USE OF FERTILIZER: 1970 TO 1986

[For years beginning July 1]

ITEM	ITEM Unit		1975- 1979, annual avg.	1980	1981	1982	1983	1984	1985	1986
Production	Mil. nutrient tons Mil. nutrient tons Mil. nutrient tons Mil. nutrient tons	20.9 5.3 3.2 17.6	24.9 6.4 5.3 20.7	29.3 8.2 7.6 23.1	29.7 8.2 8.4 23.7	25.5 7.7 6.9 21.4	22.6 7.4 6.5 18.1	24.5 9.4 6.9 21.8	26.8 9.4 9.3 21.7	9.1 1 5.7 19.6

<sup>&</sup>lt;sup>1</sup> Excludes exports of superphosphoric acid which are no longer reported.

Source: Except as noted, U.S. Dept. of Agriculture, Economic Research Service, Economic Indicators of the Farm Sector. National Financial Summery, annual. Also in Agricultural Statistics, annual.

Source: U.S. Dept. of Agriculture, Economic Research Service, Agricultural Resources: Inputs Outbook and Situation Report, periodic.

#### No. 1066, HIRED FARMWORKERS--WORKERS AND EARNINGS: 1975 TO 1985

epresents persons 14 years old and over in the civilian noninstitutional population who did hired farmwork at any time during the year. Based on Current Population Survey; see text, section 1 and Appendix III. For composition of regions, see fig. I, inside front cover)

				WOR	KERS (1,	(000					AGE ANN		
	/					198	35			H	FARM	WORK	ED
CHARACTERISTIC	Med		1/2		1	Duratio	n of far	mwork					
	1975	1981	1983	Total	Under 25 days	25- 74 days	75- 149 days	150- 249 days	250 days and over	1975	1981	1963	1985
All workers	2,638	2,492	2,595	2,522	943	509	281	344	445	\$1,488	\$2,659	\$3,138	\$3,247
hite 1ack and other 1spanic	1,907 446 285	1,824 340 328	1,888 376 331	1,922 274 326	791 97 55	395 52 62	213 35 33	179 60 105	344 30 71	1,379 1,524 2,154	2,359 2,668 4,319	2,699 3,587 5,131	3,018 3,008 4,795
ortheast	1,074	204 688 1,004 595	191 687 995 722	231 851 860 580	84 372 309 178	51 169 167 122	14 99 103 65	24 84 132 104	58 127 149 111	1,287 1,212 1,289 2,157	2,977 2,019 2,217 4,037	3,577 2,082 2,886 4,372	3,417 2,717 3,086 4,194
gratory	188	115 2,377	226 2,369	159 2,363	37 906	53 456	25 256	35 309	9 436	2,003 1,448	2,728 2,656	4,638 2,994	2,588
-17 years old	733 393 219 193 144	605 760 498 236 180 104 108	487 794 580 289 197 168 80	552 739 601 260 185 110 75	318 267 192 81 43 21	146 173 106 38 13 17 16	43 91 70 28 24 16	19 94 106 38 48 22 17	26 114 127 75 57 34 12	421 1,517 2,209 2,369 (NA) (NA) 937	753 2,488 3,684 4,631 3,980 4,077 1,938	807 2,161 4,352 5,390 4,986 4,623 2,406	743 2,666 4,266 4,736 6,269 5,280 3,626

NA Not available. <sup>1</sup> Excludes persons of Hispanic origin.

Source: U.S. Dept. of Agriculture, Economic Research Service, The Hired Farm Working Force, periodic.

# No. 1089. FARM PRODUCTIVITY—LABOR-HOURS AND INDEXES OF FARM OUTPUT PER HOUR: 1960 TO 1985

[See also Historical Statistics, Colonial Times to 1970, series K 407-413, K 430-444, and W 67-81]

ІТЕМ	1960	1970	1975	1976	1978	1979	1980	1961	1982	1983	1984	1985, prel.
fours of labor required on farms 1 (bil.)	9.8	5.9	5.0	4.8	4.4	4.3	4.3	4.2	4.0	3.7	3.8	3.6
productive livestock (bil.)	3.8 4.6 3 1.4	2.3 2.8 .8	1.7 2.6 .7	1.6 2.6 .6	1.4 2.4 .6	1.3 2.4 .6	1.3 2.4 .6	1.2 2.4 .6	1.1 2.4 .5	1.1 2.1 .5	1.0 2.3 .5	22
INDEX (1977 = 100)								0.7				
Farm output per hour livestock and products leat animals lifk cows outry	37 32 40 27 25	66 64 67 57 55	89 85 87 81 81	94 93 94 91 94	108 109 108 109 109	119 117 117 122 119	113 129 127 135 125	131 136 136 150 135	133 143 138 164 142	122 154 149 187 152	138 162 153 212 162	155 175 163 244 173
rops sed grains sy and forage ood grains sgetables uits and nuts agar crops xtton bacco l crops	41 33 43 73 69 61 52 13 46 52	70 62 74 93 91 84 79 31 79	89 90 94 101 93 97 97 57 97 88	91 95 90 98 100 101 100 70 101 84	105 111 109 104 104 103 103 100 109 98	118 125 116 115 109 104 103 132 99	105 107 109 116 113 112 104 103 104 90	121 132 122 129 119 108 111 145 117	124 136 128 129 120 115 109 149 122 113	105 96 122 131 119 115 106 141 106 96	123 133 132 140 117 116 108 172 129 109	136 149 135 142 123 119 109 194 137
production per acre	94 77	<b>88</b> 88	97 96	98 94	97 105	100 113	101 100	102 115	101 116	88 100	99 112	98

lepresents labor used on crops, livestock, and farm maintenance.

\* Includes work on farm gardens.

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No. 1090. FARM LABOR—ANNUAL AVERAGE LABOR-HOURS PER UNIT OF PRODUCTION, SELECTED CROPS AND LIVESTOCK: 1960-1964 TO 1982-1986

[See also Historical Statistics, Colonial Times to 1970, series K 445-485]

CROP	1960- 1964	1970- 1974	1982- 1986	CROP AND LIVESTOCK	1960- 1964	1970- 1974	1982- 1986
Corn for grain: Hours per acre 1	62.2	4.3 84.0	3.1	Tobacco: Hours per acre 2	493 1.9	298 2.0 14	218 2.1
Hours per 100 bushel.  Wheat: Hours per acre ¹  Yield per acre (bu.)	3.0	2.9 31.0	2.6 36.9 7	Milk cows: Hours per cow	26 93 75 1.2	62 101 6	10 24 127 .2
Hay: Hours per acre 1 Yield per acre (sh. tons) Hours per sh. ton	5.0 1.77	3.7 2.12 1.8	3.0 2.45 1.2	Cattle, exc. milk cows:  Hours per cwt of beef produced a  Hogs: Hours per cwt produced a  Chickens: 4 Hours per 100 layers	2.6 1.9 126	1.7 1.0 78	3
Potatoes: Hours per acre '	48.0 195	41.6 234 4	32.6 284 2	Rate of lay 5. Hours per 100 eggs produced	212	225	246 2 4
Yield per acre (lb.)  Hours per bale		18 470 18	5 581 5	Hours per cwt produced <sup>3</sup> Turkeys: Hours per cwt produced <sup>3</sup>	2.4	.8	2

Labor-hours per acre hervested, including pre-harvest work on acreages abandoned, grazed, and turned under.
 Per acre planted and harvested.
 Liveweight production.
 Laying flocks and eggs.
 Eggs produced during year divided by average number of hens and pullets of laying age on hand during year.

No. 1091. FARM OUTPUT INDEXES AND ACREAGE OF PRINCIPAL CROPS: 1960 TO 1986
[See also Historical Statistics. Colonial Times to 1970, series K 414-429]

ITEM	1960	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985, prel.	1986, prel.
INDEX (1977=100)			TE	E				-			-	
Farm output 1	76	84	95	104	111	104	118	116	96	112	119	113
Per unit of total input	76	87	99	101	105	101	116	116	98	117	121	(NA)
Gross production:	100	7.		77.	1177	74.	1.0	77.5		100	100	400
Livestock and products 2	82	99	95	101	104	108	109	107	109	107	110	111
Meat animals	80	102	97	100	103	107	106	101	104	101	101	(NA)
Dairy products	95	95	94	99	101	105	108	110	114	110	117	(NA)
Poultry and eggs	68	93	92	106	114	115	119	119	120	123	128	(NA)
Crops <sup>a</sup>	72	77	93	102	113	101	117	117	88	111	117	108
Feed grains	69	71	91	108	116	97	121	122	67	116	133	(NA)
Hay and forage	83	92	100	106	108	98	106	109	100	107	106	(NA)
Food grains		69	108	93	108	121	144	138	117	129	121	(NA)
Vegetables	88	96	97	103	107	104	111	116	107	117	122	(NA)
Fruits and nuts	69	81	98	99	105	119	111	113	110	114	108	(NA)
Sugar crops		95	114	101	94	97	107	96	93	95	97	(NA)
Cotton	102	72	58	76	102	79	109	85	55	91	94	(NA)
Tobacco	102	100	114	106	80	93	108	104	75	90	81	(NA)
Oil crops	38	66	86	105	129	99	114	121	91	106	117	(NA)
CROPLAND USED FOR CROPS (millions of acres)					L.	7		1				(F
Planted or grown	324	293	336	338	348	352	366	362	306	348	342	325
Harvested *	317	289	330	330	340	342	351	347	294	337	333	316

NA Not available. 

<sup>1</sup> Annual production available for eventual human use.

<sup>2</sup> Includes livestock products not shown separately and excludes horses and mules.

<sup>3</sup> Includes crops not shown separately.

<sup>4</sup> Land supporting one or more harvested crops.

No. 1092. ACREAGES OF CROPS HARVESTED FOR SPECIFIED PURPOSES: 1960 TO 1986
[See also / Historical Statistics, Colonial Times to 1970, series K 496-499]

ITEM	Unit	1960	1970	1975	1976	1979	1980	1981	1982	1983	1984	1985	1986
Crops harvested *	Mil. acres	s 324	293	336	338	348	352	366	362	306	348	342	325
Per capita *	Mil. acres	255 1.41	221 1.08	236 1.09	224 1.00	223	215	237 1.03	249 1.07	182	252 1.06	263 1.10	231
Percent of total	Mil. acres Mil. acres	19.8	72 24.6 5	100 29.8	33.7 7	125 35.9 6	137 38.9	129 35.2 6	113 31,2 5	124 40.5 5	96 27.6 6	79 23.1	28.9 9

Preliminary. \* Area in principal crops harvested as reported by Economic Research Service plus acreage in vegetables, fruits, tree ruits, and farm garders. \* includes feed for horses and mules, not shown separately.

 \* Based on Bureau of the Census estimated total population, including Armed Forces overseas, so of July 1.

Source: U.S. Dept. of Agriculture, Economic Research Service. In Agricultural Statistics, annual.

Source: U.S. Dept. of Agriculture, Economic Research Service, Economic Indicators of the Farm Sector: Production and Efficiency Statistics, 1986. Also in Agricultural Statistics, annual.

Source: U.S. Dept. of Agriculture, Economic Research Service, Economic Indicators of the Farm Sector: Production and Efficiency Statistics, 1988.

No. 1063. SELECTED FARM PRODUCTS-PRODUCTION AND EXPORTS: 1970 TO 1986

ITEM	Unit	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
for grain: Production	Mil. bu	4,152	5,841	7.928	6,639	8,119	8,235	4,175	7,674	8,877	8,253
ports 1	Mil. bu	517	1,711	2.433	2,355	2,010	1,834	1,901	1,865	1,241	1,450
Percent of production	Percent	12.5	29.3	30.7	35.5	24.8	22.3	45.5	24.3	14.0	17.6
eans, for beans: Production	Mil. bu	1,127	1,548	2,261	1,798	1,989	2.190	1,636	1,861	2,099	2,007
sorts 1	Mil. bu	434	555	875	724	929	905	743	598	740	700
Percent of production	Percent	38.5	35.9	38.7	40.3	46.7	41.3	45.4	32.1	35.7	34.9
It: Production	Mil. bu	1,352	2,127	2,134	2.381	2,785	2,765	2,420	2,595	2,425	2.087
orts 1	Mil. bu	741	1,173	1,375	1,514	1,771	1,509	1,429	1,424	915	1.025
ercent of production	Percent	54.8	55.2	64.4	63.6	63.6	54.6	59.0	54.9	37.7	49.1
n: Production	Mil. bales 1	10.2	8.3	14.6	11.1	15.6	12.0	7.8	13.0	13.4	9.7
orts 1	Mil. bales 2	3.9	3.3	9.2	5.9	6.6	5.2	6.8	6.2	2.0	6.8
ercent of production		38.2	39.8	63.0	53.2	42.3	43.3	87.2	47.7	14.9	69.4
cco: 3 Production		1,906	2,182	1,527	1,786	2,064	1,994	1,429	1,728	1,512	1,166
orts 1	Mil. lb	639	655	694	649	697	628	596	666	620	(NA)
Percent of production	Percent	33.5	30.0	45.4	36.3	33.8	31.5	41.7	38.5	41.0	(NA)
					1						

Not available. 
<sup>1</sup> Represents marketing year for each product. 
<sup>2</sup> 480 lb. net weight bales. 
<sup>2</sup> Farm sales weight arce: U.S. Dept. of Agriculture, Economic Research Service. In *Agricultural Statistics*, annual.

1094. SELECTED FARM PRODUCTS—U.S. AND WORLD PRODUCTION AND EXPORTS: 1983 TO 1985
[In metric tons, except as indicated. Metric ton=1.102 short tons or .984 long tons]

			AMOU	NT				U.S. AS P	ERCENT OF	WORLD
ITEM	in a		U.S.			World				
	Unit	1983	1984	1985	1983	1984	1985	1983	1984	1985
for grain	Million	66 106 44.5 4.5 649 5.8 7.8	71 195 50.6 6.3 784 6.3 13.0	66 225 57.1 6.1 686 6.4 13.4	489 347 83.2 454 6,051 42.3 68.1	511 459 93.1 468 6,493 46.1 88.1	499 483 96.9 470 6,883 49.2 79.3	13.5 30.5 53.5 1.0 10.7 13.7 11.4	13.9 42.5 54.4 1.3 12.0 13.7 14.7	13.2 46.6 58.9 1.3 9.9 13.0 16.9
aans. milled basis coo, unmanufactured s bable oils	Million Million Million Million 1,000 Million Million bales 3	38.9 48.3 20.2 2.3 239 1.4 6.8	38.8 47.4 16.3 2.1 246 1.2 6.2	24.9 31.5 20.1 1.9 249 1.1 2.0	102.0 60.9 26.2 11.9 1,370 13.7 19.2	107.0 66.8 25.3 12.6 1,408 15.6 20.5	96.0 62.4 26.0 11.5 1,415 16.4 20.5	38.1 79.3 77.1 19.3 17.4 10.2 35.4	36.3 71.0 64.4 16.7 17.5 7.7 30.2	25.9 50.5 77.3 16.5 17.6 6.7 9.8

roduction years vary by commodity. In most cases, includes harvests from July 1 of the year shown through June 30 of the fing year. \* Farm sales weight basis. \* Bales of 480 lb. net weight. \* Trade years may vary by commodity. \* O'ried weight basis.

arce: U.S. Department of Agriculture, Foreign Agricultural Service, Foreign Agricultural Commodity Circular Series, periodic.

## D. 1095. U.S. SALES AND DONATIONS UNDER FOOD FOR PEACE (PUBLIC LAW 480) PROGRAMS— TOTAL, 1954 TO 1986, AND BY SELECTED COUNTRY, 1986

[In millions of dollars. For fiscal years ending in year shown; see text, section 9]

		Title I		TITLE II DONAT	TIONS			1906
YEAR	Total	sales (loans) 1	Total	Voluntary relief agencies	Emergency relief and other <sup>2</sup>	COUNTRY	Sales	Donations
-1986, total	40,269	24,364	15,906	10,030	5,875	Total 3	. 800.0	759.0
		1	1 1			Egypt	. 217.5	6.0
	. 1,142	711	432	181	250	Suden	45.0	5.0
	1,328	868	461	266	194	Bangledesh	. 82.0	31.0
	1.287	746	541	374	167	India	_	103.
	1		1 - 1			Ethiopia		78.
*******************************	1,436	843	593	340	253	Pakietan	47.5	42.0
***************************************	1 540	774	768	471	297	Morocco	400	5.0
***************************************	1 1 214	690	624	458	168	El Selvador		10.4
***************************************	1 272	773	600	422	178	Philippines		8.
	1 624	784	740	523	217	Indonesia	22.2	4.3
***************************************	2062	984	1,068	749	319	Dominican Republic		iii
***************************************	1 940	890	759	587	172	Jamaica		20

Represents zero. 1 includes Title III, Food for Development program. 2 includes economic development and world regrams. 3 includes other countries not shown separately.

toe: U.S. Agency for International Development, U.S. Overseas Loans and Grants and Assistance From International Isations, annual.

## No. 1086. AGRICULTURAL EXPORTS AND IMPORTS-VALUE: 1970 TO 1986

(In billions of dollars, except percent, includes Puerto Rico. Excludes forest products and distilled liquors; includes crude rubber and similar gums (now mainly plantation products). Includes shipments under foreign aid programs. See also Historical Statistics, Colonial Times to 1970, series K 251-255)

YEAR	Trade bel- ance	Ex- ports, domes- tic prod- ucts	Per- cent of all ex- ports	Imports for con- sump- tion	Per- cent of all im- ports	YEAR	Trade bel- ance	Ex- ports, domes- tic prod- ucts	Per- cent of all ex- ports	Imports for con- sump- tion	Per- cent of all im- ports
1970-1974, avg 1975-1979, avg 1980-1984, avg 1970 1971 1972 1973 1974 1975	13.5 21.9 1.5 1.9 2.9 9.3	12.8 26.5 39.0 7.3 7.7 9.4 17.7 21.9 21.9	21 20 18 17 18 19 25 23	7.3 13.0 17.1 5.8 5.8 6.5 8.4 10.2 9.3	12 11 6 15 13 12 12 10	1977 1978 1979 1980 1980 1981 1982 1983 1984 1985	14.6 18.0 23.9 26.6 21.2 19.5 18.5 9.1	23.6 29.4 34.7 41.2 43.3 36.6 36.1 37.8 29.0 26.0	20 21 19 19 19 18 18 16	13.4 14.8 16.7 17.4 16.8 15.4 16.6 19.3 20.0 21.1	9 9 8 7 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6

Source: U.S. Dept. of Agriculture, Economic Research Service, U.S. Foreign Agricultural Trade Statistical Report, annual, and Foreign Agricultural Trade of the United States, Jan.-Feb. leaves. Also in Agricultural Statistics, annual.

# No. 1097. AGRICULTURAL EXPORTS—VALUE, BY PRINCIPAL COMMODITIES AND SELECTED COUNTRIES OF DESTINATION: 1970 TO 1986

[See headnote, table 1096. Data by country of destination not adjusted for transshipments prior to 1982]

				VALUE	(mil. dol.	)		-		PERCEN	T
COMMODITY AND COUNTRY	1970	1975	1980	1982	1983	1984	1985	1986	1970	1980	1986
Total agricultural exports 1	7,255	21,859	41,233	36,627	36,099	37,804	29,041	26,046	100.0	100.0	100.0
Grains and feeds *	2.720	11,932	19,117	15,687	16,250	17,163	11.882	8.622	37.5	46.4	33.1
Feed grains and products	1.093	5,283	9,831	6,527	7,351	8,204	6,112	3,167	15.1	23.8	122
Corn	818	4.422	8,492	5,582	6,367	6.999	5,206	2,599	11.3	20.6	10.0
Wheat and products	1,136	5,353	6,660	6,928	6,560	6,740	3,898	3,280	15.7	16.2	12.6
Rice	313	858	1,289	997	926	845	665	621	4.3	3.1	2.4
Oilseeds and products *	1,931	4,452	9,393	9,141	8,716	8,369	5,794	6,464	26.6	22.8	24.8
Soybeans	1,228	2,865	5,880	6,218	5,913	5,418	3,732	4,321	16.9	14.3	16.6
Soybean oil cake and meal	344	639	1,665	1,411	1,527	997	870	1,233	4.7	4.0	4.7
Vegetable oils and waxes	295	635	1,216	952	888	1,270	870	669	4.1	29	2.6
Soybean oil	194	269	689	486	424	757	432	253	2.7	1.7	1.0
Animals and animal products 2		1.686	3,768	3,935	3,787	4,228	4,150	4,494	11.9	9.1	17.3
Hides and skins, incl. furskins		407	1.046	1.022	1,010	1,383	1.295	1,506	2.6	2.5	5.8
Cattle hides		260	623	704	742	1,086	1,007	1,205	1.8	1.5	4.6
Meats and meat products	132	432	890	978	916	928	905	1,113	1.8	2.2	4.5
Fats, oils, and greases	. 246	360	769	663	600	698	619	411	3.4	1.9	1.5
Poultry and poultry products	82	157	603	515	428	415	384	496	1.1	1.5	1.5
Cotton, excluding linters	372	991	2.864	1.955	1.817	2.441	1.633	773	5.1	6.9	3.0
Tobacco, unmanufactured	517	852	1,334	1,547	1,462	1,511	1.521	1,209	7.1	3.2	4.6
Fruits and preparations	334	699	1,335	1,376	1,349	1,243	1,186	1,297	4.6	3.2	5.0
Fresh fruits	164	404	739	796	829	758	743	844	2.3	1.8	3.2
Vegetables and preparations	219	505	1.188	1.174	980	1,002	930	1.082	3.0	2.9	4.2
Nuts and preparations		169	757	541	496	604	683	743	1.0	1.8	2.9
Other		573	1,477	1,271	1,242	1,243	1,262	1,362	3.2	3.6	5.2
Asia I	2717	7,620	14,886	13,674	14.058	14,907	11,191	10.533	37.5	36.1	40.4
Japan		3.082	6,111	5,555	6,251	6,782	5,409	5,106	16.7	14.8	19.6
South Korea		830	1,797	1,581	1,840	1,650	1,413	1,293	3.1	4.4	5.0
China: Taiwan	134	565	1.095	1,155	1,308	1,458	1,231	1,164	1.9	2.7	4.5
Western Europe 1 3		7,177	11,744	11,463	9.999	8.837	6.937	7.017	34.9	28.5	26.9
European Economic Community 4	2 316	6,769	11,033	10,657	9.299	8,257	6.477	6,595	29.4	22.4	25.3
Netherlands		1,722	3,412	3,085	2,576	2,323	1,869	2.069	7.3	8.3	7.9
West Germany		1,564	1,831	1,448	1,529	1.065	944	1,042	7.3	4.4	4.0
United Kingdom		588	928	915	823	754	604	678	5.7	2.3	2.6
Italy		798	1.094	989	731	806	669	720	2.9	2.7	2.8
France		406	748	625	485	507	403	435	2.3	1.8	1.7
Spain <sup>b</sup>		776	1,129	1.681	1.264	1.029	837	701	2.0	2.7	27
Portugal 6	35	261	608	578	660	698	438	294	.5	1.5	1.1
Latin America 1		2.274	6,150	4,438	5,213	5,263	4,224	3,639	9.5	14.9	14.0
Brazil		323	680	526	479	508	470	555	9	1.6	2.1
Mexico		586	2,468	1,156	1.942	1,993	1.439	1,074	2.1	6.0	4.1
Venezuela		277	701	671	665	783	638	450	1.4	1.7	1.7
Canada		1,304	1,852	1,820	1.844	1.963	1,622	1,547	11.4	4.5	5.9
Soviet Union		1,133	1,047	1,871	1,473	2,878	1,923	658	2	2.5	25
Eastern Europe	169	616	2.071	847	839	758	479	433	2.3	5.0	1.7
Africa 1	254	1,134	2,179	2,238	2,458	2,972	2.488	1,995	3.5	5.3	77
		425	770	803	970	909	891	805	3.5	1.9	3.1
Egypt	20	420	110	803	970	909	991	900	- 4	1.8	3

¹ Includes areas not shown separately. ² Includes commodities not shown separately. ² As of Jan. 1, 1982, includes Canary Islands and Madeira Islands. For consistency, data for all years are shown on same basis. ⁴ includes Belglass, Lussembourg, Denmark, and Ireland not shown separately. As of Jan. 1, 1973, United Kingdom, Denmark, and Ireland became members of EEC. As of Jan. 1, 1980, Spain and Portugal became members of EEC. As crossistency, data for all years are shown on same basis. ⁴ As of Jan. 1, 1984, includes Canary Islands and Spanish Africa, not elsewhere classified. ⁴ As of Jan. 1, 1984, includes Madeira Islands and Azores.

Source: U.S. Dept. of Agriculture, Economic Research Service, U.S. Foreign Agricultural Trade Statistical Report, annual. Also in "industrial Statistics, annual."

# No. 1098. AGRICULTURAL EXPORTS—VALUE, BY LEADING STATES: 1986

[In millions of dollars. For year ending September 30]

					F	VE LEAD	ING STATE	S			
OMMODITY	Total value	J	1		2	_	3	T.	4		5
	1	State	Value	State	Value	State	Value	State	Value	State	Value
ommodities 1	26,324.7	CA	2,408.8	IL.	2,153.1	IA	2,059.2	KS	1,539.3	NE	1,504.0
and products ns and products d products I skins mals and meat	5,573.4 4,713.9 3,546.2 1,455.5	IL IA ND KS	1,015.9 889.3 678.0 233.8	IA IL KS TX	822.5 814.1 643.0 214.9	IN NE TX NE	491.6 563.5 283.7 213.5	MO IN OK IA	479.2 393.7 244.9 75.6	0H MN CO CO	426.5 389.0 204.2 64.4
preparationss and prepara-	1,356.7 1,317.5 1,237.0	KS NC CA	170.6 610.7 739.4	TX KY FL	169.0 245.1 223.4	SC WA	166.3 110.3 70.6	NE VA AZ	163.7 75.2 45.6	GA MI	92.5 91.6 33.9
***************************************	1,000.1 691.9 647.5	CA TX AR	416.0 203.2 296.5	GA TX	115.3 160.4 101.7	MS LA	58.2 85.3 96.5	AZ CA	53.8 53.4 76.6	LA MS	52.4 38.2 56.8

es other commodities not shown separately.

U.S. Dept. of Agriculture, Economic Research Service, Foreign Agricultural Trade of the United States, Mer./Apr. 1987.

## 1099. CROPS-ACREAGE AND VALUE, 1984 TO 1986, AND ORDER OF VALUE, 1986, BY STATE

	ACRE	(1,000)	ESTED			VALUE dol.)		
rE	4004	1005	1986,			1986,	prel.	Crops in order of value, 1986
	1984	1985	prel.	1984	1985	Value	Rank	
	334,723	330,063	312,174	79,395	76,667	58,011	(x)	Corn, soybeans, hay, wheat.
***************************************	895 8,499	3,321 809 7,778 5,609	2,535 683 7,344 5,071	774 805 1,658 8,225	690 735 1,402 8,050	441 692 976 7,276	33 30 22	Peanuts, hay, cotton lint, soybeans. Cotton lint, lettuce, hay, cotton seed. Rice, soybeans, cotton lint, hay. Grapes, tornatoes, cotton lint, hay.
	6,659 150 538	6,846 151 554	6,166 140 536	1,179 68 135	1,124 70 125	839 75 90	25 47 45	Hay, wheat, corn, potatoes. Hay, tobacco, apples, mushrooms. Soybeans, corn, potatoes, green peas.
**********	1,317 5,628 95	1,344 5,071 89	1,224 3,841 90	2,431 1,664 403	2,585 1,370 373	2,021 1,036 3 165	9 21 41	Tomatoes, oranges, sugarcane <sup>a</sup> , grapefruit. Peanuts, tobacco, corn, soybeans. Sugarcane <sup>a</sup> , pineapple, macadamia nut, papay as.
******	23,478	4,738 23,111 12,362 25,030	4,585 22,050 11,660 24,096	1,508 5,594 3,118 5,666	1,276 6,214 3,018 5,948	1,165 4,216 2,039 4,291	19 3 7 2	Potatoes, hay, barley, wheat. Corn, soybeans, hay, wheat. Corn, soybeans, hay, wheat. Corn, soybeans, hay, oats.
PARTIE INC.	21,173 5,661 4,890	21,615 5,484 4,632	20,694 5,181 4,370	2,874 2,004 1,204	2,960 1,630 920	2,025 1,200 625	18 31	Wheat, sorghum, hay, corn. Tobacco, corn, hay, soybeans. Soybeans, cotton lint, rice, sugarcane <sup>a</sup> .
***********	1,620 170	403 1,639 164	383 1,582 166	142 452 163	132 394 160	156 271 181	42 35 40	Potatoes, hay, apples, oats. Corn, soybeans, hay, tobacco. Cranberries, hay, apples, sweet corn.
)	20,746 6,280	7,685 20,426 5,604 14,247	7,009 19,246 4,878 13,252	1,812 4,113 1,253	1,835 3,999 1,134 2,446	1,285 2,840 696	16 4 29	Corn, hay, soybeans, wheat. Corn, soybeans, hay, wheat. Cotton lint, soybeans, rice, sorghum.
	9,179 18,489 596	7,613 18,509 565	9,415 17,473 583	2,072 851 3,482 130	522 3,737 125	1,766 719 2,541 122	11 28 5 43	Soybeans, corn, hay, sorghum. Wheat, hay, barley, potatioes. Corn, soybeans, hay, sorghum. Hay, potatioes, barley, wheat.
	1,299	113 466 1,381	112 437 1,179	29 211 365	30 217 347	29 196 258	48 39 36	Hay, apples. Hay, peaches, com, soybeans. Hay, wheat, sorghuru, cotton.
	5,388 20,962	4,048 5,418 20,495 10,845	3,810 4,656 20,571 10,257	1,025 2,224 2,338 2,648	908 1,870 2,195 2,635	1,389 1,648 1,972	15 13 10	Hay, corn, apples, potatoes. Tobacco, soybeans, corn, peanuts. Wheat, barley, hay, surflower. Soybeans, corn, hay, wheat.
*************	8,631 2,719 4,541	8,978 2,739 4,569	8,568 2,709 4,426	1,135 968 1,340	1,034 908 1,177	810 847 1,045	26 24 20	Wheat, hay, cotton lint, sorghum. Hay, wheat, potatoes, pears. Hay, corn, mushrooms, apples.
	1 40 400	2,778 15,246	2,179 15,966	732 1,748	622 1,585	377 1,203	49 34 17	Hay, tomatoes, apples. Tobacco, soybeans, corn, cotton lint. Corn, hay, wheat, soybeans.
	19,812	5,136 21,094 1,129	4,666 17,749 1,132	1,158 3,832 250	1,054 3,844 233	738 2,454 215	27 6 37	Soybeans, tobacco, hay, corn. Cotton lint, hay, sorghum, wheat. Hay, wheat, barley, corn.
	3,057 4,769	3,002 5,052	530 2,810 4,492	85 863 2,020	86 691 1,786	82 544 1,730	46 32 12	Hay, apples, potatoes. Hay, tobacco, soybeans, corn. Apples, wheat, potatoes, hay,
	9,394	732 9,221 1,669	9,013 1,963	2,239 258	2,110 236	1,534 212	14 38	Hay, apples, corn, tobacco. Hay, corn, potatoes, oats. Hay, barley, sugar beets, wheat

applicable. <sup>1</sup> Excludes Alaska. <sup>2</sup> For sugar and seed. <sup>3</sup> Incomplete data.

<sup>:</sup> U.S. Dept. of Agriculture, National Agricultural Statistics Service, Crop Production, annual, and Crop Values, annual.

No. 1100. Principal Crops—Production, Supply and Disappearance: 1982 to 1986

farketing year beginning May 1 for hey, June 1 for wheet and barley, August 1 for cotton and rice, September 1 for soybeans, corn, and sorghum. Acreage, production, and yield of all crops periodically revised on basis of census data. See also *Historiad Statistics, Colonial Times to 1970*, series K 508-563]

	Acreage hervest-	Yield	Produc-	Farm	Farm	Total	DISAPPE	ARANCE	Endina
CROP AND YEAR	ed (mil.)	acre per	tion	price 1	value (mil. dol.)	sup- ply <sup>2</sup>	Total *	Ex- ports	stocks
Corn for grain: 1982 1983 1984 1985	51.5 71.9 75.2	Bu. 113.2 81.1 106.7 118.0 119.3	Mil. bu. 8,235 4,176 7,674 8,877 8,253	\$/bu. 2.68 3.25 2.62 2.37 4 1.49	22,039 13,535 20,065 21,029 12,387	10,772 7,700 8,684 10,535 12,295	Mil. 7,249 6,694 7,036 6,498 7,180	bu. 1,834 1,901 1,865 1,241 1,450	3,523 1,006 1,648 4,040 5,115
Soybeens for beens: 1982 1983 1984 1985 1986	62.5 66.1 61.6	Bu. 31.5 26.2 28.1 34.1 33.8	MII. bu. 2,190 1,636 1,661 2,099 2,007	\$/bu. 5.69 7.81 5.78 5.04 44.65	12,463 12,775 10,746 10,571 9,326	2,444 1,981 2,037 2,415 2,543	Mil. 2,099 1,805 1,721 1,879 1,963	905 743 598 740 700	345 176 316 536 580
Hey: 1982 1983 1984 1985	61.4 80.4	Sh. tons 2.50 2.36 2.45 2.48 2.49	Mil. sh. tons 149 141 151 149 155	\$/ton *69.30 *75.80 *72.70 *67.80 *60.10	9,530 9,967 10,204 9,437 8,644	174.2 168.9 170.7 175.9 180.2	148.1 148.8 143.8 149.1	(NA) (NA) (NA) (NA) (NA)	28.1 20 1 26.9 26.8 (NA)
Wheat: 1982 1983 1984 1985 1986	61.4 66.9 84.7	Bu. 35.5 39.4 38.8 37.5 34.4	Mil. bu. 2,765 2,420 2,595 2,425 2,067	\$/bu. 3.55 3.53 3.38 3.15 42.34	9,813 8,533 8,755 7,648 4,661	3,932 3,939 4,003 3,965 4,007	2,417 2,540 2,578 1,981 2,159	1,509 1,429 1,424 915 1,025	1,515 1,300 1,425 1,905 1,648
Cotton: 1982	7.3 10.4 10.2	Lb. 590 508 600 630 552	Mil. bales <sup>6</sup> 7 12.0 7 7.8 7 13.0 7 13.4 7 9.7	¢/lb. 59.4 66.4 57.8 56.5 4 52.2	3,410 2,478 3,603 3,645 2,441	18,615 15,721 15,781 17,567 19,384	1,000 10,719 12,714 11,755 8,375 13,760	5,207 6,786 6,215 1,969 6,750	* 7,937 * 2,775 * 4,102 * 9,346 * 5,663
Tobacco: 9 1962 1963 1964 1965	.8 .8 .7	Lb. 2,185 1,811 2,183 2,197 1,997	Mil. B. 1,984 1,429 1,728 1,512 1,166	\$/lb. 1.76 1.75 1.81 1.65 1.53	3,519 2,488 3,121 2,487 1,778	5,582 5,349 5,545 5,435 5,008	Mil 1,682 1,532 1,821 1,820 (NA)	628 598 886 620 (KA)	1° 3,920 3,817 1° 3,924 3,815 (NA)
Sorghum for grain: 1962 1963 1964 1965	10.0 15.4 16.8	Bu. 59.1 46.7 56.4 66.8 67.7	Mil. bu. 835 488 666 1,120 942	\$/bu. 2.52 2.84 2.39 2.28 4 1.36	2,091 1,382 2,055 2,538 1,316	1,154 927 1,154 1,421 1,493	MI. 715 839 854 870 780	210 245 297 178 175	439 287 300 551 713
Berley: 1982 1983 1984 1985	9.7 11.2 11.6	Bu. 57.2 52.3 53.4 51.0 50.8	Mil. bu. 516 508 599 591 610	\$/bu. 2.22 2.50 2.26 1.98 4 1.56	1,143 1,269 1,356 1,169 948	674 733 799 848 940	Mil. 458 544 551 523 625	bu. 47 92 77 22 150	217 189 247 325 315
Rice, rough: 1982 1983 1984 1985	2.2 2.8 2.5	Lb. 4,710 4,598 4,954 5,414 5,646	Mil. cwt. 154 100 139 135 134	\$/cwt. 8.11 8.76 8.08 6.62 43.93	1,247 874 1,119 893 528	203 172 187 202 214	132 125 123 123 125 151	Cert. 69 70 62 59 60	71 47 66 77 63

Source: Production—U.S. Dept. of Agriculture, National Agricultural Statistics Service. In Crop Production, annual. Field Crops (Statistical Bulletin No. 708); Crop Values (Statistical Bulletin No. 729). Supply and disappearance—U.S. Dept. of Agriculture, Economic Research Service, Feed Situation, quarterly; Fate and Oile Situation, quarterly; Wheat Situation, quarterly; Tobacco Situation, quarterly; Cotton and Wood Outbook Statistics, periodic; and Agricultural Supply and Demand Estimates, periodic. All data are also in Agricultural Statistics, annual; and Agricultural Outbook, monthly.

NA Not available. 

1 Except as noted, season average prices received by farmers. U.S. prices are computed by weighting State prices by estimated sales and include an allowance for outstanding loans and government purchases, if any, for crops under government programs.

2 Comprises production, imports, and beginning stocks.

3 Include seed, residual, and other domestic uses not shown separately.

4 Marketing year average price. U.S. prices are computed by weighting U.S. monthly prices by estimated monthly marketings and do not include an allowance for outstanding loans and government purchases and payments.

5 Prices are for hey sold baled.

6 Bales of 480 pounds, net weight.

7 State production figures, which conform with U.S. Bureau of the Census annual ginning enumeration with allowance for cross-State ginnings, rounded to thousands and added for U.S. totals.

7 Stock estimates based on Census Bureau data which results in an unaccounted difference between supply and use estimates and changes in enting stocks.

7 Flue-cured and cigar wapper, crop year July-June; all other types October-September. Farm-sales-weight basis.

10 Includes tobacco carried over on farms.

# NO. 1101. PRICE SUPPORT OPERATIONS—SELECTED COMMODITIES: 1982 TO 1986 [For explanation of price support operations, see text, section 23]

	Sup- port	Na- tional aver-	QUANTIT	Y UNDER			Nation-	QUANTITY	
CROP AND YEAR	an target age	Amount (mil. bu.)	Percent of produc- tion	CROP AND YEAR	Sup- port or target price 1	al aver- age loan rate	Amount	Percent of produc- tion	
					1000		100	1,000	
orn: 3		100			Cotton: *	Cents	per lb.	bales 10	
1982	2.70	4 2.55	1,580	19	1982	71.0	57.1	5,007	42
1983	2.86	2.65	162	4	1983	76.0	55.0	1.744	22
1984	3.03	2.55	1,097	14	1984	81.0	55.0	2,957	23
1985	3.03	2.55	3,140	35	1985	81.0	57.3	7,291	55
1986	3.03	5 1.92	a 4,900	59	1986	81.0	4 55.0	a 6,175	22 23 55 65
ovbeans: 9		E 175			Sorghum: 3		per cwt.	Mil. cwt.	
1982	(x)	5.02	397	18	1982	4.64	11 4.32	135	29
1983	(x)	5.02	101	6	1983	4.86	4.50	8	3
1984	(x)	5.02	278	15	1984	5.14	4.32	36	3
1985	(x)	5.02	517	25	1985	5.14	4.32	201	32
1986	(x)	6 4.77	6 335	17	1986	5.14	* 3.25	* 220	42
heat 7	4-7			3.5	Rice: 4		per cwt.	Mil. cwt.	-
1982	4.05	6 3.55	646	23	1982	10.85	8.14	65	42
1983	4.30	3.65	635	26	1983	11.40	8.14	40	40
1984	4.38	3.30	284	11	1984	11.90	8.00	58	42
1985	4.38	3.30	841	35	1005	11.90	8.00	75	56
1986	4.38	\$ 2.40	4 515	25	1986	11.90	A 7.20	6 132	98

X Not applicable. ¹ Guaranteed on normal production from participating farms. ¹ Represents loans made, purchases, and rchase agreements entered into. ³ For years beginning September 1. ⁴ National average loan rate for corn put into mer-cowned reserve was \$2.90 in 1982. ¹ 1986 annual loan rates were reduced 4.3 percent for budget purposes (e.g. corn came \$1.84 per bu.). ° Preliminary. ¹ For years beginning June 1. ¹ National average loan rate for wheat put into arrage loan rate for grain sorghum put into the farmer-cowned reserve was \$4.90 in 1982. ¹ ¹ Balse of 480 ib. net weight. ¹¹ National

Source: U.S. Dept. of Agriculture, Agricultural Stabilization and Conservation Service. Data published in Agricultural Stabilization, suel.

No. 1102. CORN FOR GRAIN—ACREAGE, PRODUCTION, AND VALUE, BY STATE: 1984 TO 1986
[See Historical Statistics, Colonial Times to 1970, series K 502-505, for U.S. data on corn for all purposes)

STATE		GE HARV		VIEL	(bu.)	ACRE		mil. bu.)			PRICE II		FA	(mil. dol.)	
	1984	1985	1986	1984	1985	1986	1984	1985	1986	1984	1985	1986	1984	1985	1986
S.1	71,915	75,224	69,189	106.7	118.0	119.3	7,674	8,877	8,253	2.62	2.37	1.49	20,085	21,029	12,387
Managania	385	325	270	65.0	75.0	57.0	25	24	15	2.85	2.32	1.85	71	57	26
ateromentateors	375	320	250	136.0	145.0	152.0	51	46	38	3.40	3.00	2.25	173	139	86
************	680	745	710	134.0	139.0	140.0	91	104	99	2.66	2.41	1.60	242	250	159
*************	150	175	169	113.0	109,0	83.0	17	19	14	2.95	2.49	1.80	50	47	25
***************************************	985	975	730	82.0	84.0	58.0	81	82	42	2.99	2.49	1,90	242	204	80
	10,940	11,370	10,400	114.0	135.0	135.0	1,247	1,535	1,404	2.65	2.42	1.50	3,305	3,715	2,106
	6,030	6,150	5,700	117.0	123.0	122.0	706	756	695	2.60	2.33	1.50	1,834	1,763	1,043
	12,900	13,550	12,050	112.0	126.0	135.0	1,445	1,707	1,627	2.50	2.33	1,40	3,612	3,978	2,277
	955	1,170	1,335	125.0	130.0	136.0	119	152	182	2.77	2.43	1.55	331	370	281
	1,460	1,560	1,520	100.0	102.0	92.0	146	159	140	2.82	2.47	1.70	412	393	238
montana	82	205	385	115.0	114.0	116.0	9	23	45	3.35	2.60	1.85	32	61	83
MARINETARK	590	640	580	118.0	110.0	73.0	70	70	42	2.93	2.48	1.80	204	175	76
	2,620	2,730	2,450	84.0	105.0	105.0	220	287	257	2.56	2.30	1.40	563	659	360
	6,440	6,300	5,800	107.0	115.0	122.0	689	725	708	2.45	2.25	1.40	1,688	1,630	990
	70	115	180	70.0	68.0	75.0	5	В	14	3.40	2.89	2.00	17	23	27
	1,930	2,480	2,420	80.0	110.0	116.0	154	273	281	2.68	2.34	1.40	414	638	393
***************************************	6 050	7,450	7,000	116.0	128.0	128.0	806	954	896	2.56	2.38	1.55	2,064	2,270	1,389
interested to the same of the	670	720	650	91.0	95.0	99.0	61	68	64	2.85	2.47	1.70	174	169	109
************		1,625	1,360	90.0	79.0	69.0	146	128	94	2.80	2.53	1.75	408	325	164
Deleted at each of	630	560	530	66.0	72.0	93.0	42	40	49	2.54	2.35	1.35	106	95	67
140400000000000000000000000000000000000	3,900	4,030	3,720	118.0	127.0	128.0	460	512	476	2.59	2.33	1.50	1,192	1,193	714
Sadahan epitada da	1,350	1,380	1,240	110.0	110.0	103.0	149	152	128	2.83	2.52	1.80	420	383	230
	447	520	460	78.0	88.0	46.0	35	46	21	2.75	2.28	1.65	96	104	35
	2,780	3,000	2,850	67.0	84.0	82.0	186	252	234	2.44	2.20	1.35	454	554	315
	690	810	770	95.0	96.0	74.0	66	79	57	2.90	2.44	1.60	190	194	91
	1,550	1,490	1,330	93.0	105.0	112.0	144	156	149	3.03	2.55	1.85	437	399	276
	540	550	400	104.0	99.0	54.0	56	54	22	2.90	2.53	1.75	163	138	36
-	150	135	120	155.0	160.0	170.0	23	22	20	3.00	2.66	1.85	70	57	36
-50540-6040-604	3,250	3,350	3,100	106.0	107.0	118.0	345	358	366	2.57	2.33	1.45	885	835	530
	0,200	2,000	5,100	100,0	1.0	1.0.0	340	300	200	- Maries	2.00		000	000	500

pounds per bushel. <sup>9</sup> Season average prices for 1984 and 1985; marketing year average prices for 1986. See also as 1 and 4, table 1100. <sup>9</sup> For 1984 and 1986, includes an allowance for loans outstanding and purchases by the ment valued at the average loan and purchase rate, by State. <sup>9</sup> Includes other States not shown separately.

ce: U.S. Dept. of Agriculture, National Agricultural Statistics Service, Grap Production, annual; and Grap Values, annual.

No. 1103, Soybeans for Beans—Acreage, Production, and Value, by State: 1984 to 1986 [See Historical Statistics, Colonial Times to 1970, series K 521, for U.S. totals]

STATE		GE HARV		YIELD PER ACRE (bu.)				(mil. bu.			PRICE I		FA	(mil. dol.)	
127,00	1984	1985	1986	1984	1985	1986	1984	1985	1986	1984	1985	1986	1984	1985	1986
Total 3	66,113	61,584	59,427	28.1	34,1	33.8	1,861	2,099	2,007	5.78	5.04	4.65	10,748	10,571	9,326
AR		3,700	3,300	26.0	26.5	21.0	101	98	69	5.96	5.18	5.00	604	508	347
L		9,000	9,150	31.5	42.5	40.0	284	383	366	5.85	5.16	4.75	1,662	1,974	1,739
N		4,460	4,250	34,5	41.5	38.0	150	185	162	5.87	5.04	4.65	881	933	751
IA		8,150	8,750	31.5	38.0	41.5	265	310	363	5.55	4.98	4.50	1,469	1,542	1,634
KS	1,590	1,410	1,760	17.5	31.0	34.0	27	44	60	5.74	4.95	4.50	160	216	266
KY	1,460	1,230	1,170	29.0	34.0	32.0	42	42	37	6.07	5.25	4.90	257	220	183
LA		2,100	1,820	27.5	21.0	21.0	67	44	38	6.00	5.01	4.65	401	221	178
MI		1,080	950	27.0	32.0	32.0	32	35	30	5.73	4.94	4.55	184	171	138
MN.		5,000	4,800	33.0	32.0	35.5	173	160	170	5.43	4.96	4.55	939	794	775
MS		2,620	2,450	24.0	27.0	18.0	77	71	44	6.04	5.16	4.95	464	365	218
MO		5,230	5,300	20.5	34.5	33.5	109	180	178	5.78	4.96	4.50	628	895	796
NE		2,360	2,450	26.0	36.0	39.0	66	85	96	5.55	4.86	4.50	368	413	430
NC		1,700	1,600	26.0	23.0	24.0	47	39	38	5.93	5.03	4.85	276	197	186
ND		490	470	23.0	26.0	35.5	17	13	17	5.51	4.79	4.40	94	61	73
OH		3,870	3,670	36.5	41.5	41.0	138	161	150	5.84	5.10	4.75	804	819	715
SD		1,270	1,330	23.0	32.0	31.0	31	41	41	5.47	4.82	4.55	171	196	186
TN	1,850	1,460	1,500	26.0	31.0	25.0	48	45	38	5.94	5.09	4.90	286	230	184

<sup>&</sup>lt;sup>1</sup> For 1984 and 1985 includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by State. <sup>9</sup> See footnote 2, table 1102. <sup>9</sup> includes other States not shown separately.

# NO. 1104. WHEAT-ACREAGE, PRODUCTION, AND VALUE, BY STATE: 1984 TO 1986 [See Historical Statistics, Colonial Times to 1970, series K 506-508, for U.S. acreage, production, and price]

		GE HARY		(bushels) <sup>1</sup>				DUCTION oushels)	(mil.		PRICE 2 ol. per b			RM VALUE (mil. dol.)	
STATE	1984	1985	1986, prel.	1984	1985	1986, prel.	1984	1985	1986, prel.	1984	1985	1986, prei.	1984	1985	1986, prel.
U.S.*	66,928	64,734	60,688	38,8	37.5	34.4	2,595	2,425	2,087	3.38	3.15	2.34	8,755	7,648	4,861
AR	1,400	570	780	44.0	32.0	41.0	62	18	32	3.29	3.06	2.50	203	56	80
CA	784	830	675	78.9	83.0	76.3	62	69	52	3.71	3.46	2.80	229	238	144
CO	3,270	3,522	2,955	35.2	39.6	32.6	115	139	96	3.19	2.92	2.16	367	407	208
D	1,280	1,350	1,310	63.6	53.4	62.4	81	72	82	3.30	3.21	2.28	269	232	187
L	1,600	750	820	44.0	49.0	44.0	70	37	36	3.27	3.03	2.40	230	111	87
KS	11,200	11,400	10,200	38.5	38.0	33.0	431	433	337	3.32	3.06	2.20	1,432	1,326	74
MN	2,553	2,683	2,814	47.3	53.1	36.8	121	142	104	3.41	3.25	2.35	412	463	24
MT	4,640	3,960	4,760	22.6	12.7	29.1	105	50	139	3.52	3.45	2.43	368	173	33
NE	2,250	2,300	2,000	36.0	39.0	38.0	81	90	76	3.28	2.95	2.10	266	265	160
ND		8,870	9,380	32.8	36.4	30.9	284	323	290	3.53	3.28	2,38	1,003	1,061	690
OH	1,100	950	1,050	44.0	62.0	46.0	48	59	48	3.31	3.00	2.35	160	177	114
OK	5,300	5,500	5,200	36.0	30.0	29.0	191	165	151	3.36	3.24	2.20	641	535	33
OR	1,115	1,065	1,025	61.8	52.6	57.0	69	56	58	3.47	3.41	2.45	239	191	143
SD		3,755	3,840	34.4	29.6	28.3	126	111	109	3.46	3.28	2.29	431	365	24
TX	5,000	5,850	4,800	30.0	32.0	25.0	150	187	120	3.39	3.13	2.30	509	586	27
WA	2,610	2,690	2,410	61.4	47.7	48.5	160	128	117	3.45	3.41	2.45	553	437	28

### No. 1105. COTTON-ACREAGE, PRODUCTION, AND VALUE, BY STATE: 1984 TO 1986

[Cotton production excludes linters. Values shown are for marketing season or crop year and should not be confused with calender-year income. See Historical Statistics, Colonial Times to 1970, series K 563-558 for U.S. totals]

STATE	ACRE	(1,000)	/ESTED	AIET	D PER /	ACRE		RODUCTIO			PRICE			RM VALU	
	1984	1985	1986	1984	1985	1986	1984	1985	1986	1984	1985	1986	1984	1985	1986
Total +	10,379	10,229	8,468	600	630	552	12,982	13,432	9,731	57.8	56.5	52.2	3,603	3,645	2,441
AL	307 479	329 415	313 323	699	795 1,198	506 1,224	1,185	545 1,037	330 823	55.3 62.2	55.6 60.5	48.8 63.0	119	145	249
AR	1,400	1,320	480 990	632 999	767 1,132	602 1,088	612 2,913	703 3,114	602 2,245	55.6 66.8	56.6 61.4	46.9 62.8	163 934	191 918	136 677
LA	172 645 1,032	630 1,040	195 570 1,000	784 786 767	725 565 764	455 567 571	1,056 1,650	370 742 1,655	185 673 1,190	58.4 54.3 54.2	54.8 55.7 56.6	52.1 46.6 47.1	79 275 429	97 198 450	151
MO.	162	150	160	554 498	653	588 567	187	204	196	57.9 56.2	56.8 54.5	51.5 48.8	52 91	56	48
TX	4,719	4,669	3,476	377	406	356	3,710	3,945	2,576	52.8	52.7	46.3	940	998	573

Bales of 480 lb. net weight.
 Includes allowance for unredeemed loans in 1984 and 1985. For 1985, average price to Apr.
 See lootnote 2, table 1102.
 Includes other States not show separately.

<sup>&</sup>lt;sup>1</sup> 60 pounds per bushel. <sup>2</sup> See footnote 2, table 1102. <sup>2</sup> See footnote 3, table 1102. <sup>4</sup> includes other States not shown sparately.

Source of tables 1103-1105: U.S. Dept. of Agriculture, National Agricultural Statistics Service, Grop Production, May leave and rust; and Grop Values, annual.

# NO. 1106. TOBACCO—ACREAGE, PRODUCTION, AND VALUE, BY STATE: 1984 TO 1986 [See Historical Statistics, Colonial Times to 1970, series K 561-563, for U.S. acreage, production, and price)

STATE	ACREA	GE HAR (1,000)			D PER (pounds		PF	(mil. lb.)			PRICE 1 ol. per l	b.)		ARM VAL (mil. dol	
	1984	1985	1986	1984	1985	1986	1984	1965	1986	1984	1985	1986	1984	1985	1986
Total #	792	688	584	2,183	2,197	1,997	1,728	1,512	1,166	1.81	1.65	1,53	3,121	2,487	1,778
	7	6	5	2,560	2,675	2,510	18	16	13	1.80	1.71	1.62	32	28	22
***************************************	38	36	31	2,250	2,280	2,190	86	82	68	1.83	1.71	1.58	156	140	107
***************************************	8	7	6	2,320	2,240	2,050	19	15	12	1.87	1.58	1.55	35	23	19
	229	186	153	2,320	2,300	2,054	530	428	315	1.85	1.58	1.55	982	678	488
	23	20	18	1,320	1,330	1,350	30	27	24	1.40	1.32	(a)	42	35	32
	272	251	215	2,172	2,220	2,073	590	557	445	1.81	1.71	1.53	1,067	951	682
	12	8	7	2,209	2,140	1,829	27	17	14	1.81	1.52	1.54	48	26	21
	47	43	37	2.245	2,300	2,040	106	99	75	1.81	1.73	1.44	191	171	109
***************************************	75	62	49	2.062	2.065	1.682	155	127	83	1.79	1.57	1.52	277	200	126
	54	43	38	2,153	2,104	1,913	116	91	74	1.79	1,69	1.50	207	154	111

See footnote 1, table 1100. Includes other States not shown separately. If Evaluated at 132.3 cents per pound. Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Grap Production*, May issue and annual; and *Grap luce*, annual.

NO. 1107. SUGAR, BEET AND CANE—SUPPLY AND DISAPPEARANCE: 1970 TO 1986
[In thousands of short tone, raw value]

ITEM	1970	1975	1978	1979	1906	1981	1982	1982	1984	1906	1985, prel.
tal supply Inited States production Best Maintand cane 1 Hawaii mports 'user'o Rico	5,874 3,511 1,201 1,162 5,296	18,132 6,300 3,473 1,720 1,107 3,882 98	14,828 5,602 3,067 1,506 1,029 4,663 52	14,821 5,793 3,066 1,667 1,050 5,027 47	14,110 5,736 3,052 1,661 1,023 4,495 178	14,362 6,225 3,182 1,995 1,048 5,025 48	12,441 5,936 3,160 1,793 963 2,964 80	12,003 5,682 2,588 2,050 1,044 3,186 67	12,043 5,890 3,059 1,769 1,082 3,559 24	11,637 5,969 2,669 2,066 1,014 2,797 38	11,837 6,257 3,201 2,024 1,032 2,223 31
Jeginning stocks	2,889	2,854	4,491	3,754	3,701	3,082	3,461	3,066	2,570	3,005	3,126
tal disappearance  J.S. consumption  imports  Wher *	10 532	10,276 10,302 216 -242	11,974 10,889 46 137	10,926 10,756 73 91	11,028 10,189 889 150	10,919 9,769 1,191 41	9,373 9,160 137 76	9,433 8,917 300 216	9,038 8,454 429 155	8,681 8,035 484 182	8,410 7,810 557 43

Florida, Louisiana, and beginning 1975, Texas. \*Includes net change in invisible stocks, belancing items, and minor milities of sugar for livestock feed and alcohol.

lource: U.S. Dept. of Agriculture, Economic Research Service, Sugar and Sweetener Outlook and Situation.

NO. 1108. SUGARCANE AND SUGAR BEETS, AND SUGAR—SUMMARY: 1970 TO 1986 [Data are for crop year. See also Historical Statistics, Cotonial Times to 1970, series K 542-546]

ITEM	Unit	1970	1975	1970	1986	1991	1982	1982	1984	1986	1906
arcane for sugar and seed:			Į								
reage hervested	1.000 acres	584	774	733	733	755	742	786	747	770	798
eld per acre	Sh. tons	41.1	36.6	36.2	36.8	36.3	40.1	36.7	36.6	36.6	38.1
oduction	Mil. tons	24.0	28.3	26.5	27.0	27.4	29.8	28.2	27.3	28.2	30.3
ice per ton for sugar 1	Dollars	10.50	21.50	26.00	38.50	24.90	26.50	27.80	28.20	26.70	(NA)
rm value *	Mil. dol	* 140	606	691	1,036	682	790	781	770	752	(NA)
ir beets:					.,		1				, ,
reage hervested	1,000 acres	1.413	1.517	1,120	1,190	1,228	1,027	1,056	1,096	1,103	1,191
nd per acre			19.6	19.6	19.8	22.4	20.3	19.9	20.2	20.4	21.2
aduction			29.7	22.0	23.5	27.5	20.9	21.0	22.1	22.5	25.2
ce per ton 1			27.60	33.90	47.20	29.20	35.40	37.00	33.90	33.60	(NA)
rm velue	MII. dol	392	821	745	1,109	804	740	778	750	761	l (na)
r produced:			1			1	l				
st, raw value 4	1,000 tons	3,322	4,019	2,879	3,149	3,368	2,737	2,699	2,902	3,000	3,414
ne, raw value 4	1,000 tons	2,416	2,934	2,700	2,726	2,833	3,063	2,930	3,007	3,033	3,281
ter ton of cane 4			214	213	213	217	215	215	231	226	227
ne, refined basis *	1,000 tons	2,258	2,743	2,524	2,550	2,847	2,863	2,730	2,811	2,835	3,096
1995 made from sugar-											
<b>6</b>	Mil. gel	141	163	165	163	163	177	178	174	179	166

Not available. 

1 Season average prices received by farmers. Prices exclude Government payments under Sugar Act. cludes Hawaii. 

2 Price per ton of cane for sugar used in evaluating value of production for sead. 

4 Raw value equals ugar es defined in Sugar Act of 1948. 

4 Calculated on the basis of 100 lbs. of raw sugar required to produce 93.46 lbs. of sugar Act of 1948. 

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ros: U.S. Dept. of Agriculture, National Agricultural Statistics Service, Field Crope (Statistical Bulletin 708); Crop Production, saue and annuel; and Crop Values, annual.

# No. 1109. COMMERCIAL VEGETABLE AND OTHER SPECIFIED CROPS—AREA, PRODUCTION, AND VALUE, 1984 TO 1986, AND LEADING PRODUCING STATES, 1986

[Relates to commercial production for freeh market and processing combined. Includes market garden areas but excludes minor producing acreage in minor producing States. Excludes production for home use in farm and nonfarm gardens. Value is for season or crop year and should not be confused with calendar-year income)

CROP	(	AREA 1	s)		RODUCTION 100 short to		10	VALUE <sup>8</sup> (mil, dol.)	= _	Leading States in order of production
	1984	1985	1986	1984	1985	1986	1984	1985	1986	1986
Asparagus	93.3	91.5	96.2	94.8	106.8	111.5	116.5	137.5	137.0	CA. WA. MI.
Beans, snap 4	216.6	222.2	190.6	666.1	702.5	609.4	113.9	118.8	97.3	WI, OR, NY.
Beans, dry edible	1,460.3	1,481.4	1,495.0	1,053.5	1,108.8	1,144.9	395.0	389.4	431.2	ND. NE. CA.
Broccoli	106.5	109.5	119.1	514.1	531.4	576.5	237.9	239.3	239.7	CA, TX, OR.
Carrots	93.6	90.1	86.1	1,186.7	1,145.8	1,171.7	247.9	206.4	235.9	CA, WA, TX.
Cauliflower	60.8	61.2	67.8	334.4	333.2	376.4	174.9	169.1	191.9	CA. AZ. OR.
Celery	35.1	33.9	33.3	937.9	917.5	880.7	228.5	189.5	211.1	CA, FL, MI.
Corn, sweet	620.2	625.9	598.0	3,331.6	3,426.1	3,310.3	367.1	367.5	359.7	MN, WI, OR.
Cucumbers *	103.6	115.2	110.5	618.2	694.4	639.6	103.8	123.6	113.4	MI, NC, CA.
Honeydew melons	23.3	25.7	28.8	201.6	237.9	271.9	55.9	58.1	69.1	CA, TX, AZ.
Lettuce	221.9	225.7	216.0	3,215.5	3,090.2	2,931.1	706.3	675.3	701.3	CA, AZ, FL
Peppermint	67.2	65.1	64.2	2.2	2.2	2.2	47.0	44.0	46.0	OR, WA.
Spearmint	27.9	30.1	28.5	1.0	1.2	1.3	25.4	27.1	28.4	WA, ID.
Onions	129.4	122.8	115.3	2,182.9	2,253,0	2,165.1	422.5	347.2	427.7	CA, OR, TX.
Peas, green 4	330.5	353.6	272.4	495.3	577.8	414.9	117.3	138.5	93.8	WI, MN, WA.
Potatoes	1,301.0	1,361.1	1,215.3	1,813,1	2.035.6	1,772.3	2.045.7	1,570.6	1,739.7	ID, WA, OR.
Strawberries	43.3	44,1	44.4	495.5	509.4	509.7	413.3	450.8	503.6	CA, OR, NY
Sweet potatoes	103.5	105.3	94.4	649.3	742.7	637.7	182.2	130.5	130.8	NC, LA, CA.
Tomatoes	414.8	390.1	379.2	9,090.6	8,672.0	8,971.0	1,239.6	1,197.9	1,264.9	CA, OH, IN.

Area of crops for harvest for fresh market, including any partially harvested or not harvested because of low prices or other factors, plus area harvested for processing.
 \*\*Excludes some quantities not marketed.
 \*\*Fresh market vegetables valued at f.o.b. shipping point. Processing vegetables are equivalent returns at packinghouse door.
 \*\*Processing only.\*\*

No. 1110. FRUITS AND NUTS-UTILIZED PRODUCTION AND VALUE, 1984 TO 1986, AND LEADING PRODUCING STATES. 1986

Pro ur	UTILIZE	D PRODI	JCTION 1		FARM V	ALUE (M	ii. dol.)	Leading States in
FRUIT	Unit	1984	1986	1985	1994	1986	1986	order of production
\pples (36 States) *		8,318	7,834	7,865	928	916	1,068	WA, NY, ML
\oricots\vocados	1,000 tons 1,000 tons	117 230	106 169	55 273	36 126	26 176	22 157	CA, WA, UT.
lenenes	Mil. Ib	9		10	3	2	3	HI.
Therries, sweet	1,000 tons	164	127	137	100	101	113	WA, OR, MI.
Therries, tart	Mil. Ib	256	260	218	64	63	50	MI, UT, NY.
ranberries	1,000 bbl.3 1,000 tons	3,322	3,485 29	3,660	161 18	190 25	189 16	MÁ, WÍ, NJ. CA
las (fresh)	1,000 tons	37	33	47	10	10	12	CA
irapetruit (4 States)	Mil. boxes *	54	58	56	220	309	335	FL, CA, AZ.
irapes (12 States)		5,169	5,607	5,225	961	959	1,170	CA, NY, WA.
emone (2 States)	1,000 tons Mil. boxes *	17 21	21 26	23 18	18 125	17 186	24 218	CA AZ
imes (FL)	Mil. boxes 4	2	2	10	18	20	21	FL
lectarineė	1,000 tons	183	210	172	56	69	76	CA
lives	1,000 tons	91	96	112	50	54	63	CA
ranges and tangerines (4 States)		175 81	162	160	1,343	1,508	1,122	FL, CA, AZ.
eaches (32 States)	MI. B	2,468	2,046	2,238	321	307	327	CA, SC, NJ.
	1,000 tons	697	747	780	180	201	198	CA WA OR
ineapples	1,000 tons	600	565	646	90	91	100	HI.
furns and prunes (fresh) ornegranates	1,000 tons	721 19	639 19	481 21	161	192	190	CA, OR, MI.
angelos (FL)	Mil. boxes *	'4	4	4	ໝໍ	34	19	FL
emples (FL)	Mil. boxes *	3	3	3	21	26	16	FL.
Imonds (shelled basis) Boarts (in the shell)		590	465	250	448	361	462	CA.
academia nuts		13 36	25 42	15 44	8 26	17 30	11 35	OR, WA.
ecans (in the shelf) (11 States)	MIL Ib	232	244	273	145	166	198	GA, TX, LA.
tetachios	1,000 tons	63 213	27 219	75 180	62 155	36	194	CA.
	1,000 tons	213	219	180	155	175	194	CA

<sup>&</sup>lt;sup>1</sup> Excludes quentities not hervested or not marketed. <sup>2</sup> Production in commercial orchards with 100 or more bearing age trees. <sup>3</sup> Barrels of 100 pounds. <sup>4</sup> Approximate everage, net weight is 65 lb. in AZ and CA, 85 in FL, and 80 in TX. <sup>5</sup> About 78 lb. net. <sup>4</sup> Approximate net weight is 80 lb. <sup>7</sup> Not contents of box veries. In CA and AZ approximate average for oranges and tangerines is 75 lb.; FL oranges, 90 lb.; TX oranges, 85 lb.; and FL tengerines, 95 lb. <sup>6</sup> Approximate net weight is 90 lb.

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Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, Vegetables, annual summary. Also in Agricultural Statistics Service, Vegetables, annual summary. Also in Agricultural

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, Nonctinus Fruits and Nuts, annual; and Clinus Fruits, annual;

### NO. 1111. FIED MEATS-SLAUGHTERING, PRODUCTION, AND TRADE: 1970 TO 1986

Chandlibs represent earease weight equivalent. 1970 excludes Abaka and Hewall except for exports and imports. Covers inspected, noninspected, retail, and form simplifier. Excludes cellule byproducts. Excludes USDA exports, military civilian feeding, and voluntary relief feeding. See also *Historical Statistics*, Calonial 78was to 1970, series K 563-564)

ITEM	Unit	1970	1975	1978	1979	1980	1981	1982	1983	1984	1965	1984
All red meats:										1	1.5	
Animals slaughtered, total	MIL head	137.3	124.8	128.2	132.3	139.7	136.8	128.8	135.0	133.8	131.3	126.8
Under Federal inspection	Percent	89	91	93	94	94	94	95	95	96	96	96
Production, total 1	BIL Ib.	36.2	36.8	38.6	37.6	39.0	39.0	37.6	39.3	39.3	39.4	39.3
Federally inspected	Percent	89	90	93	94	94	94	95	95	96	96	96
Exports of U.S. production <sup>2</sup>	MI b	305	449	646	673	642	714	680	682	699	646	801
Imports for consumption	Mil. Ib.	2 429	2,248	2,856	2,974	2,664	2,333	2.589	2.670	2.821	3,255	3,31
Beet:					-10.	-	-	-	****	-,	- lead	214
Animals slaughtered, total	Mit head	35.4	41.5	40.0	34.0	34.1	35.3	36.2	37.0	37.9	36.6	37.6
Under Federal inspection	Percent	87	89	93	94	94	94	94	94	95	95	96
Production, total	Bil Ib	21.7	24.0	24.2	21.4	21.6	22.4	22.5	23.2	23.6	23.7	24.4
Federally inspected	Percent	88	90	93	94	94	94	95	95	95	96	96
Exports of U.S. production *	MI Ib	101	110	214	215	220	252	305	312	376	379	573
Imports for consumption	Mil. Ib	1.792	1,758	2,297	2,405	2,064	1,743	1,939	1,931	1,823	2,068	2,129
Veal:		1,700	1,1,00		2,400	2,004	1,1.40	11000	1,00	1,000	2,000	2,12
Animals slaughtered, total	Mil. head	4.2	5.4	4.3	2.9	2.7	2.9	3.1	3.2	3.4	3.5	3.5
Under Federal inspection	Percent	72	72	87	89	89	89	88	88	90	92	92
Production, total	Mil. Ib	588	873	632	434	400	436	448	454	495	514	524
Federally inspected	Percent	57	57	71	73	74	74	76	78	82	86	87
amb and mutton:		3"	- 01		1.0	1 "	1.00	10	10	O.E.	- 00	0,
Animals slaughtered, total	Mil. head	10.8	8.1	5.5	5.2	5.7	6.2	6.6	6.8	6.9	6.3	5.8
Under Federal inspection	Percent	93	94	96	96	96	96	94	94	95	95	95
Production, total	Mil. Ib	551	410	309	293	318	338	365	376	380	357	337
Federally inspected	Percent	93	94	94	94	94	94	95	95	95	96	96
fork:	r or com	7 ~	"	-	-	- 04	-	20	- 00	00	- 00	-
Animals slaughtered, total	Mil. head	87.0	69.8	78.4	90.2	97.2	92.5	82.8	88.1	85.6	84.9	80.0
Under Federal inspection	Percent	90	93	96	96	96	96	96	96	96	97	97
Production, total 1	Bil. Ib.	13.4	11.5	13.4	15.5	16.6	15.9	14.2	15.2	14.8	14.8	14.1
Federally inspected	Percent	90	93	95	95	95	95	96	96	96	97	97

<sup>&</sup>lt;sup>1</sup> Excludes lard. <sup>2</sup> Includes shipments to territories.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, Livestock and Meat Statistics, annual.

### No. 1112. LIVESTOCK INVENTORY AND PRODUCTION: 1970 TO 1987

[See also Historical Statistics, Colonial Times to 1970, series K 564-569 and 575-582]

TYPE OF LIVESTOCK	Unit	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986	1987
ALL CATTLE	CLI					120				1	1	
entory: ¹ Number on farms		20.2 179 39.4 27.10 34.50	132.0 21.0 159 40.9 32.20 27.20 12.8	110.9 44.7 403 38.8 66.10 88.70 26.2	111.2 55.8 502 40.3 62.40 76.80 25.5	114,4 54,1 473 41,2 58,60 64,00 23,7	115.4 47.9 415 40.7 56.70 59.80 22.6	115.0 46.7 406 40.3 55.50 61.70 22.0	113.7 45.0 396 40.0 57.30 59.90 22.1	109.7 44.1 40.2 40.2 53.70 62.10 21.2	105.5 41.3 391 40.5 52.60 61.10 20.9	102.0 41.5 407 (NA (NA (NA
HOGS AND PIGS			17.2									2.7
entory: <sup>3</sup> Number on farms	Bil. dol Bil. lb	2.2 39.00 21.8 22.70	54.7 2.5 44.90 16.8 46.10 7.8	60.4 5.0 83.20 22.6 41.80 9.4	67.3 3.8 56.00 23.4 38.00 8.9	64.5 4.8 74.70 21.8 43.90 9.5	58.7 4.1 70.10 19.7 52.30 10.3	54,5 4,9 89,90 21,2 46,80 9,9	56.7 3.3 58.80 20.2 47.10 9.5	54.1 4.1 75.00 20.2 44.00 8.9	52.3 3.6 69.60 19.4 49.30 9.5	51.0 4.7 91.60 (NA) (NA)
SHEEP AND LAMBS		1	1	100	1		-	100		39		100
ntory:¹ Number on farms Total value	Mil. dol Dol Mil. lb Dol	513 25.10 1,099 7.52 26.40	14.5 442 30.50 785 11.30 42.10 303	12.4 891 72.10 705 25.70 66.70 407	12.7 993 78.20 746 21.30 63.60 403	12.9 904 69.90 772 21.20 54.90 359	13.0 742 57.10 785 19.50 53.10 356	12.1 629 51.80 768 15.70 53.90 357	11.5 599 52.10 694 16.40 60.10 377	10.4 638 61.10 694 23.90 67.70 428	10.0 673 67.40 721 25.60 69.00 444	10.3 782 75.70 (NA) (NA) (NA)

Not available. <sup>1</sup> As of Jan. 1. <sup>2</sup> Liveweight production. Adjustment made for changes in inventory and for pments. <sup>2</sup> As of Dec. 1 of preceding year.

surce: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Meet Animals—Production, Disposition, and Income*, et; and annual Investock summeries. Also in *Agricultural Statistics*, annual.

No. 1113, LIVESTOCK ON FARMS-NUMBER, PRODUCTION, AND VALUE, BY STATE: 1986 AND 1987

		ALL CATTL	E		MILK COWS		SHE	EP AND LA	MBS	HO	GS AND P	GS
STATE	Num- ber on farms, 1 1987 (1,000)	Quantity pro- duced, <sup>2</sup> 1986 (mil. lb.)	Value of produc- tion, 1986 (mil. dol.)	Number on farms, 1 a 1987 (1,000)	Milk produced on farms, 1986 (mil. lb.)	Value of milk pro- duced, 4 1986 (mil. dol.)	Num- ber on farms, 1 1987 (1,000)	Ouantity pro- duced, <sup>a</sup> 1986 (mil. lb.)	Value of produc- tion, 1986 (mil. dol.)	Num- ber on farms, <sup>3</sup> 1966 (1,000)	Quantity pro- duced, <sup>2</sup> 1986 (mil. lb.)	Value of production, 1986 (mil. dol.)
U.S. *	102,031	40,465	20,925	10,547	144,080	18,147	10,328	720.7	443.6	50,960	19,362	9,53
AZ	1,000	552.3	287.3	87	1,368	173.7	283	9.8	3.4	155	59.9	32.7
AR		578.6	272.7	62	755	104.2	200	0.0		460	200.3	92.
CA		1,783.1	836.7	990	17,235	2,069.5	980	74.7	47.0	150	60.4	31.5
CO		1,750.9	1.000.2	78	1,188	163.3	690	49.5	30.7	190	73.5	37.8
FL		548.4	266.4	178	2,153	348.8	030	40.0	30.7	140	50.0	23.0
GA		435.4	194.3	100	1,260	175.1	- 2		1	1,100	378.8	195.4
D		775.9	388.9	162	2,394	280.1	314	29.8	18.0	80	29.5	14.2
L	2,250	842.1	475.8	215	2,801	350.1	119	9.7	5.7	5,000	2,017.2	981.2
N	1,470	427,5	209.7	201	2,456	307.0	91	7.0	4.0	4,150	1,553.5	764.9
A	4,650	2,136.7	1,146.2	308	3,879	465.5	375	33.1	21.7	12,600	5,122.2	2,514.0
KS	5,920	2,964.6	1,684.4	112	1,301	166.5	236	19.5	12.6	1,450	608.2	287.9
KY	2,450	752.5	362.2	223	2,327	293.2	32	2.1	1.2	880	315.8	161.6
MI	1,325	466.1	208.7	370	5,404	682.4	106	8.7	5.2	1,250	417.2	202
MN		1,439.1	708.4	855	10,614	1,257.8	237	21.0	13.3	4,260	1,479.2	752.8
MO		1,370.0	723.2	217	2,930	360.4	110	8.0	5.2	2,900	1,098.8	550.4
MT		904.0	468.4	24	337	43.1	523	35.8	22.2	190	65,1	27.3
NE		3,318.2	1,894.7	103	1,350	166.1	173	13.1	8.3	3,900	1,381.6	688.
NM	1,360	616.4	308.2	61	1,092	142.5	480	20.7	13.4	36	12.9	6.5
NY YN		313.5	126.1	914	11,744	1,486.6	64	3.6	2.2	128	32.7	15.5
NC	950	319.4	142.3	114	1,695	237.3	13	.7	.3	2,360	876.0	432.5
ND		752.5	400.4	92	1,074	121.4	185	15.5	9.9	275	98.4	47.4
OH	1,800	611.4	309.1	370	4,936	619.8	300	20.0	12.7	1,950	707.3	344.
OK	5,200	2,256.2	1,148.1	107	1,190	157.1	105	7.7	4.7	220	82.0	40.
OR	1,400	540.7	253.9	92	1,471	187.6	415	27.3	17.0	115	51.1	26.0
PA	1,950	594.4	281.5	735	10,152	1,332.6	104	6.2	3.7	890	238.5	120.0
SD		1,486.7	804.3	149	1,723	199.9	605	52.2	35.7	1,520	630.7	311.
TN		764.2	337.2	203	2,221	292.2	13	.5	.3	770	340.4	158
TX		5,554.0	2,978.5	325	4,089	560.4	1,930	115.0	69.6	510	176.7	83.
UT		283.4	153.8	74	1,155	139.9	464	37.0	22.7	25	6.9	3.
VA	1,860	687.2	324.2	150	2,096	272.5	168	14.4	5.8	360	167.9	81.5
WA	1,300	553.3	294.3	201	3,762	469.0	59	5.9	3.4	50	15.1	7.3
WI	4,260	1,278.6	626.6	1,840	25,200	3,065.0	83	6.5	4.3	1,330	517.6	253.6
WY	1,325	458.4	246.0	10	131	15.7	775	47.3	26.1	35	14.5	7.3

<sup>-</sup> Represents zero. ¹ As of January 1. ² Liveweight production. Adjustment made for changes in inventory and for inhibments. ª Represents cows and helfers that have calved, kept for milk. ⁴ Valued at average returns per 100 pounds of milk in combined marketings of milk and cream. Includes value of milk fed to calves. ⁴ As of December 1. ⁴ Includes other States, not shown separately.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, Meet Animals—Production, Disposition and Income, annual and Milit Production, Disposition, and Income, annual.

NO. 1114. POULTRY—PRODUCTION, BY STATE: 1985 AND 1986
[In millions. See Historical Statistics, Colonial Times to 1970, series K 614 and 621 for U.S. totals]

STATE	CHIC			LERS	TUR	KEYS SED	STATE	CHIC	KENS		LERS	TURE	
	1985	1986	1985	1986	1985	1986		1985	1986	1985	1986	1985	1986
U.S	220	217	4,479	4,646	185	207	M	5.5	5.3	1.3	.6	2.3	2.7
AL	9.0	10.0	561.8	587.6	(Z)	(Z)	MS	7.5	7.7	26.9	29.7	(Z)	34.2 (Z)
AR	17.3	16.0	760.0	786.8	16.0	16.5	MO	5.0	4.0	(D)	(D)	12.5	13.5
CA	19.0	19.7	174.3	184.8	20.5	21.9	NY	6.8	5.6	1.8	2.0	.3	.3
CT	3.6	3.1	(Z)	(Z)	(Z)	(Z)	NC	11.7	11.8	447.3	450.5	31.9	39.1
DE	.8	.8	196.4	196.8	(z)	(z)	OH		11.9	9.0	9.9	2.8	3.1
FL	9.3	5.2	104.2	111.9	(z)	(z)	OK		3.1	61.7	79.5	(D)	(P)
GA	17.5	16.5	667.2	697.4	2.6	2.4	OH		1.5	14.4	15.8	7.1	1.3
IL	3.2	2.0	(Z)	(Z)	.3	.3	SC.		16.5	60.4	63.8	2.9	7.8
IN	16.3	16.6	(D)	(D)	6.9	9.4	TN	2.7	1.9	(D)	(0)	(Z)	(Z)
IA	5.0	4.5	2.0	2.7	6.3	7.0	TX	9.3	10.3	215.9	238.6	(0)	(0)
KY	1.3	1.3	3.2	3.0	(Z)	(Z)	vA		2.6	154.1	154.2	13.1	14.3
LA	1.3	1.2	(D)	(D)	(Z)	(z)	WA	3.0	3.4	23.0	25.1	(Z)	(z)
ME	5.1	4.6	(D)	(D)	(z)	(Z)	WV	.5	.4	25.7	29.0	2.4	2.2
MD	2.4	2.6	272.4	263.9	.1	(D)	WI	1.9	2.2	11.2	11.6	6.2	6.1
MA	1.1	1.2	(z)	(Z)	.1	.1	Other 1	11.5	11.1	261.1	263.5	19,4	20.9

D Withheld to avoid disclosure. Z Less then 500,000 brollers or 50,000 turkeys. <sup>1</sup> Derived by subtracting printed astimates from U.S. total.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, Layers and Egg Production—Annual; Poultry—Production, Disposition, and Income; and Turkeys.

# NO. 1115. POULTRY—NUMBER ON FARMS, VALUE, PRODUCTION, AND PRICES: 1970 TO 1986 [For year ending November 30 except as noted. See also Historical Statistics, Colonial Times to 1970, series K 609-623]

ITEM	Unit	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
Chickens: 1 Number 2	Million	433	380	397	401	392	385	379	365	374	369	369
Value per head 2	Dollars	1.21	1.74	1.75	1.81	1.88	1.89	1.85	1.96	2.02	1.90	1.87
Value, total 2	Mil. dol	525	660	696	726	737	728	703	717	754	700	690
Number produced 5	Million		233	242	251	241	242	246	232	242	220	217
Price per lb 3	Cents	9.1	9.9	12.4	13.9	11.0	11.1	10.3	12.7	15.9	14.8	12.5
Production value 5	Mil. dol	107	105	142	171	129	135	121	145	181	152	128
ggs: Number produced		5.684	5.386	5.596	5.767	5.807	5.819	5.810	5.681	5.686	5.701	5.710
Price per dozen		39.1	52.4	52.2	58.3	56.3	63.1	59.5	61.1	72.3	57.1	61.6
Production value		2.221	2.819	2.921	3,360	3.268	3,671	3,459	3.469	4,110	3.253	3.515
Broilers: * Number produced		2.987	2,950	3.614	3,951	3,963	4,148	4,149	4,184	4,282	4.479	4.646
Price per lb	Cents	13.6	26.3	26.3	26.0	27.7	28.4	26.9	28.6	33.7	30.1	34.5
Production value	Mil. dol	1,475	2,915	3,676	4,032	4,303	4,699	4,502	4,873	6,018	5,680	6,780
Furkeys, number raised	Million	116	124	139	156	165	171	165	171	171	185	207
Price per lb	Cents		34.8	43.6	41.1	41.3	38.2	39.5	38.0	48.9	49.1	47.1
Gross income	Mil. dol	498	793	1,157	1.214	1.272	1.248	1.255	1.269	1.655	1.819	1.952

<sup>&</sup>lt;sup>1</sup>Excludes commercial broilers. <sup>2</sup>As of Dec. 1. <sup>3</sup>Beginning 1985, represents number sold and value of sales. <sup>4</sup>Young hickens of the heavy breeds and other mest-type birds, to be marketed at 2-5 lbs. live weight and from which no pullets are kept or egg production. Not included in production of chickens.

# No. 1116. Dairying—Cows and Dairy Products: 1970 to 1986

[See also Historical Statistics, Colonial Times to 1970, series K 595-608]

ITEM	Unit	1970	1975	1980	1981	1982	1983	1984	1985	1986
ws and heifers that have calved, kept for			1.1		1	10	1	5	100	17
milk, Jan. 1 1	Mil. head	13.3	11.1	10.8	10.8	11.0	11.0	11.1	10.8	11.2
k produced on farms	Bil. Ib.	117	115	128	133	136	140	135	143	144
Production per cow	1,000 lb	9.8	10.4	11.9	12.2	12.3	12.6	12.6	13.0	13.3
Whole milk sold from farms 2	Bil. lb	113	112	126	130	133	137	133	141	142
Sales to plants and dealers	Bil. lb	110	110	125	129	132	136	131	139	140
lue of milk produced	Bil. dollars	6.8	10.2	16.9	18.4	18.6	19.1	18.3	18.4	18.1
Gross farm income, dairy products	Bil. dollars		10.1	16.7	18.2	18.3	18.9	18.1	18.2	17.5
Cash receipts from marketing of milk	77 47 61 5	1 70	1	1000		1,000	1.0.0	14.	1	
and cream *	Bil. dollars	6.5	9.9	16.6	18.1	18.2	18.8	17.9	18.1	17.8
Sales to plants and dealers	Bil. dollars		9.7	16.3	17.B	17.9	18.5	17.7	17.8	17.6
nufactured dairy products:		100	100	1000	100	17.5	THE S		1	100
lutter (incl. whey butter)	Mil. Ib	1,137	984	1,145	1,228	1,257	1,299	1,103	1,248	1,202
heese, total 3	Mil. Ib	2.201		3.984	4.278	4.542	4.819	4,674	5,081	5.209
American (excl. full-skim American)	Mil. Ib		2,811			2,752		2.648	2.855	2,796
			1,660	2,376	2,642		2,928	208	223	227
Swiss (including block)	Mil. Ib		174	219 87	214	221	85	93	103	109
Cream and Newlabetal			74		82	87				322
Cream and Neufchatel	Mil. Ib	126	160	229	241	263	270	276	294	
All Italian varieties	Mil. Ib	394	672	983	994	1,068	1,200	1,319	1,491	1,633
ottage cheese: Creamed 1	Mil. Ib	1,038	991	825	773	749	743	736	716	705
Curd, pot, and bakers'	Mil. Ib		701	667	648	629	618	606	599	600
ondensed bulk milk	Mil. lb	1,237	1,041	952	972	975	984	1,159	1,232	1,362
vaporated and condensed canned milk		1,293	938	725	758	754	710	666	656	602
ry whole milk	Mil. lb	69	63	83	93	102	111	120	119	122
onfat dry milk solids 6	Mil. lb	1,456	1.009	1,168	1,322	1,410	1,510	1.168	1,398	1.294
y whey 7	Mil. lb	621	596	690	779	791	892	898	987	1.031
y buttermilk	Mil. lb	60	43	44	44	39	46	43	52	66
e cream of all kinds	Mil. gal	762	837	830	832	852	882	894	901	924
lk sherbet	Mil. gal	49	49	45	46	46	48	47	48	50
) milk	Mil. gal	287	299	293	291	281	295	300	301	315
lesale prices, American cheese:			133	150	1500		1000	300		
-lb. blocks, Wis. assembly points	Cents per lb	55.0	86.6	133.0	139.4	138.3	138.3	138.0	127.7	1273
igle daisies, Chicago	Cents per lb		104.4	156.2	167.2	168.4	168.2	170.4	160.1	157
s received by farmers, whole milk:	Series per ib	04.0	104.4	100.2	101.6	100.4	.00.2	1.000	100,1	100
iolesale, per 100 lb.	Dollars	5.71	8.75	13.05	13.77	13.61	13.58	13.46	12.75	12.5
				45.3	1 1 10 1 1	10.01	110.00		48.7	48

or 1970, cows and helfers 2 years old and over.

¹ Comprises sales to plants and dealers, and retal sales by farmers

¹ Includes varieties not shown separately. Beginning 1975, includes full-skim.

¹ Beginning 1986,

¹ Includes animal feed.

¹ Includes animal feed.

¹ Includes animal feed.

¹ Includes animal feed.

¹ Includes animal feed.

¹ Includes animal feed.

¹ Includes animal feed.

¹ Includes animal feed.

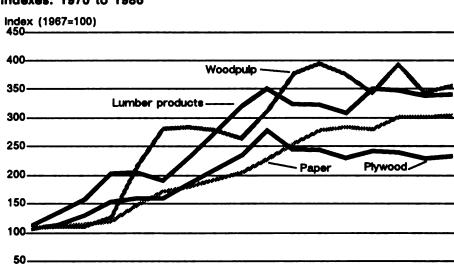
Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, Hetchery Production—Annual; Layers and Egg traduction—Annual; Poultry—Production, Disposition, and Income; and Turkeys.

irce: U.S. Dept. of Agriculture, National Agricultural Statistics Service, Production of Manufactured Dairy Products, annual; and Production, Discosition, and Income, annual.

Figure 24.1

Selected Timber Products- Producer Price

Indexes: 1970 to 1986

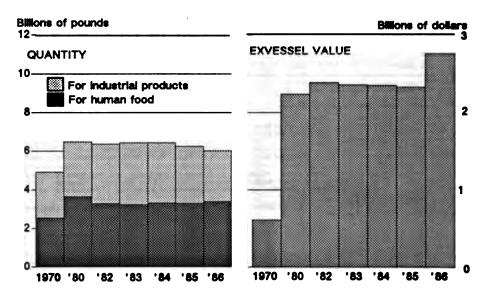


Source: Chart prepared by U.S. Bureau of the Census. For data see table 1124.

Figure 24.2

Fisheries-Quantity and Value of Domestic

Catch: 1970 to 1986



Source: Chart prepared by U.S. Bureau of the Census. For data see table 1136.



## Section 24

# **Forests and Fisheries**

This section presents data on the area, ownership, and timber resource of commercial timberand; forestry statistics covering the National Forests and Forest Service cooperative programs; product data for lumber, pulpwood, woodpulp, paper and paperboard, and similar data. In addition, tata are presented on commercial fishing and the fish processing industry.

The principal sources of data relating to forests and forest products are: An Analysis of the Timber Situation in the United States, 1952–2030, Appendix 3; U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950–86; and Land Areas of the National Forest System, issued annually by the Forest Service of the Department of Agriculture; Agricultural Statistics issued by the lepartment of Agriculture; and reports of the census of manufactures (taken every five years) and re annual Current Industrial Reports, issued by the Bureau of the Census. Additional information is published in the monthly Survey of Current Business of the Bureau of Economic Analysis; and the annual Wood Pulp and Fiber Statistics and The Statistics of Paper, Paperboard, and Wood Pulp It the American Paper Institute, New York, NY.

The Bureau of the Census also collects data on foreign trade of forest products. The Bureau of abor Statistics publishes monthly and annual statistics of producer prices for lumber.

The completeness and reliability of statistics on forests and forest products vary considerably. The data for forest land area and stand volumes are much more reliable for areas which have been cently surveyed than for those for which only estimates are available. Estimates of fire damage or uses of fires for Federal lands are considered much better than those for private lands. In genermore data are available for lumber and other manufactured products such as veneer and plytod, etc., than for the primary forest products such as poles and piling and fuelwood.

The principal sources of data relating to fisheries are Fishery Statistics of the United States, and theries of the United States, both issued annually by the National Marine Fisheries Service MFS), National Oceanic and Atmospheric Administration (NOAA).

The NMFS collects and disseminates data on commercial landings of fish and shellfish, freezings d holdings of fishery products, fish meal and oil production, and foreign trade in fishery products arterly data are published on U.S. output of fish sticks, fish portions, and breaded shrimp. Annual lorts include quantity and value of commercial landings of fish and shellfish (by species, region, ite, and type of fishing gear), disposition of landings, number of fishermen, and number and as of fishing vessels and fishing gear. Reports for the fish-processing industry include annual put of canned, packaged, and industrial products and, for the wholesaling and fish processing ablishments, annual and seasonal employment, and number of firms, by product and State.

he Magnuson Fishery Conservation and Management Act of 1976 (Magnuson Act), Public Law 265 as amended, provides for the conservation and management of all fishery resources within U.S. Exclusive Economic Zone (EEZ), except highly migratory species of tuna, and gives the leral Government exclusive authority over domestic and foreign fisheries within 200 nautical is of U.S. shores and over certain living marine resources beyond the EEZ. Within the EEZ, the I allowable level of foreign fishing, if any, is that portion of the "optimum yield" not harvested by vessels. Adjustments in the "optimum yield" level may occur periodically. For details, see Fishs of the United States, 1986. The NMFS collects and disseminates data on catches by foreigning vessels in the EEZ.

**Istorical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Histori-Statistics of the United States, Colonial Times to 1970.* See Appendix IV.

atistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs also be found in State and Metropolitan Area Data Book 1986. For cross-references, see Aplix V.

### NO. 1117. NATIONAL FOREST LANDS AND PURCHASES: 1960 TO 1986

[Area as of June 30 except, beginning 1980, as of Sept. 30; purchases for years ending June 30, except as noted. Includes Puerto Rico. Prior to Oct. 1976, lands to be purchased under the Weeks Law and related acts were approved by the National Forest Reservation Commission which also set prices on such lands. With the passage of the National Forest Management Act, all functions of the Commission were transferred to the Secretary of Agriculture. Actual purchases are made by U.S. Department of Agriculture. See also Historical Statistics, Colonial Times to 1970, series L. 10-14]

ITEM	Unit	1960	1965	1970	1975	1980	1982	1983	1964	1985	1986
Gross area 1	Mil. acres	227	226	226	226	226	230	230	230	230	230
National Forest System	Mil. acres	186	187	187	188	187	191	191	191	191	191
Approved for purchase	1,000 acres	8	29	92	12	42	2	7	8	16	23
Average price per acre	Dollars	15	47	92 125	275	664	675	332	544	431	306
Total price	Mil. dol	1	1.3	11.5	3.3	27.9	1.5	2.4	4.2	6.9	7.0
Purchases completed	1,000 acres	8	33	113	34	27	13	31	35	7	33
Average price per acre	Dollars	31	39	96	267	617	409	330	407	653	295
Total price	Mil. dol	2	1.3	10.9	9.1	17.1	5.2	10.0	14.0	4.2	9.8
Gross area of purchase units	Mil. acres	56	1.3	56	56	56	58	58	58	58	58
Purchase completed, net area 2	Mil. acres	19	19	20	20	20	20	20	20	20	20
Average price per acre	Dollars	10	10	6	20	12	14	15	15	15	15
Total price	Mil. dol	75	79	125	179	250	284	294	298	302	302

<sup>&</sup>lt;sup>1</sup> Comprises all publicly and privately owned land within authorized boundaries of national forests, purchase units, national grasslands, and land utilization projects (research and experimental areas, and other areas).

<sup>2</sup> Cumulative total. Under the March 1, 1911 Act of Congress (Weeks Law), as amended, and related acts.

#### No. 1118. NATIONAL FOREST SYSTEM-SUMMARY: 1960 TO 1966

[For flecal years ending in year shown; see text, section 9. Includes Alaska and Puerto Rico, except as noted. See Historical Statistics, Colonial Times to 1970, series J 33-34, for similar but not comparable grazing data, and L 15-31]

ITEM	Unit	1905	1970	1975	1905	1961	1982	1982	1984	1905	1986
Timber cut, total value Commercial and cost	Mii. dol	157.1	308.6	368.4	736.6	728.9	348.7	655.9	763.9	724.5	789.9
Volume Value Free use:	Mil. bd. ft Mil. dol		11,527 307.6	9,174 <b>386</b> .0	9,178 729.8	8,036 720.9	6,747 339.2	9,244 649.7	10,549 759.6	10,941 720.6	11,786 789.9
Volume	Mil. dol	2	179 .3	618 1.1	2,070 5.7	2,107 6.4	2,343 7.5	1,071 4.5	570 2.6	390 2.2	308 1.4
Value	Mil. dol	.5	.7	1.4	1.1	1.6	2.0	1.7	1.7	1.7	1.6
Livestock grazing: * Cattle and horses * Sheep and goats			1,607 2,105	1,626 1,549	1,521 1,328	1,535 1,341	1,562 1,340	1,809 1,242	1,521 1,129	1,5 <b>6</b> 5 1,183	1,491 1,166
Roads and trails:  Road construction 5  Trail construction 5 6	Miles	851 142	942 278	136 298	925 2,419	1,217 727	1,667 782	2,016 959	1,867 674	1,903 987	1,252 1,092
Receipts, total	Mil. dol	140.1 4.5	299.7 283.9 4.4 11.4	373.1 341.3 7.7 24.1	702.9 625.4 15.8 61.6	680.7 581.4 14.9 84.4	350.2 251.0 12.4 86.8	495.3 398.5 10.2 86.6	637.3 544.3 9.6 83.5	636.9 514.6 9.0 112.3	831.7 745.1 8.6 78.0
Payments to local govt. <sup>7</sup>	Mil. dol	36.1 35.4 .7	72.8 71.9 .9	91.0 89.8 1.2	240.1 233.6 6.5	243.0 230.5 12.5	144.3 132.6 11.7	203.5 192.7 10.8	235.3 224.9 10.4	229.0 212.2 16.8	270.9 262.1 8.6
Allotments to Forest Service, total 10 Roads and trails	Mil. dol	14.2	29.5 28.8 .8	39.5 36.9 3.6	73.1 65.5 7.6	66.2 60.9 7.3	35.2 29.4 5.8	49.0 44.5 4.5	62.3 58.0 4.3	60.0 56.5 4.5	82.1 78.0 4.1

Includes land exchanges.
 Includes some free use timber not reducible to board feet.
 For 1980-1970, data for livestock permitted to graze; 1975 for authorized use; 1980-1996 for number actually grazed. Calendar-year data. Excludes Puerto Rico.
 Excludes animals under 6 months of aga. 1980-1970 includes swins. Includes burnos beginning in 1980.
 Includes reconstruction. 1980 excludes national grasslands.
 Beginning 1980, Includes work accomplished by Human Resource Programs and volunteers.
 Payments made in following year.
 Includes Tongass Alaska suspense account.
 \*Includes Tongass Alaska suspense account.
 \*Includes Information Informa

Source: U.S. Forest Service. In Agricultural Statistics, annual, and unpublished data.

Source: U.S. National Forest Reservation Commission, Final Report to October 1976; and U.S. Forest Service, Land Areas of the National Forest System, annual; and unpublished data.

### B. FOREST LAND—TOTAL AND COMMERCIAL AREA, VOLUME OF SAWTIMBER, AND GROWING STOCK: 1952 TO 1977

[As of Jan. 1. For composition of regions, see source]

				HAL TIMBER MERSHIP <sup>1</sup>	LAND,		SAWTIM	BER NET VO	LUME *	Grow
	Total forest		Federal-	20-4-	Priv	rate				stock net
1 AND REGION	(mil. acres) (mil.	men- aged *	State, county, and munici- pal (mil. acres)	Total (mil. acres)	Per- cent of total	Total (bil. bd. ft.)	Soft- wood (bil. bd. ft.)	Hard- wood (bil. bd. ft.)	(bil. (bil. ft.)	
Notes, 1982	209	189	117 13 14	27 18 3	368 137 175 43	71.3 81.1 91.1	2,512 249 409	2,086 59 197	446 190 213 44	903 111 136 366
Nates, 1982	798 178 220	903 171 200	117 12 14	6 27 18 3	366 140 183	31.2 71.9 81.9 91.5	1,854 2,516 282 465	1,811 2,033 70 246	484 212 219	646 137 156
Nates, 1970	754 186 212 355	139 499 189 193 135	90 112 12 14 85	30 18 3	42 366 136 175 42	71.6 81.7 90.7 31.1	1,769 2,536 320 535 1,684	1,717 2,002 83 298	52 537 237 239 61	354 680 150 177 340
Nation, 1977	737 178 207 352	130 482 166 188 128	106 12 14 79	30 19 3	347 136 170 41	72.0 81.9 90.4 32.0	2,579 359 615 1,605	1,623 1,965 97 341 1,548	504 263 274 57	711 173 203

stall timbertand is forest land which is producing or is capable of producing crops of industrial wood and not withdrawn utilization by statute or administrative regulation. Areas qualifying as commercial timbertand have the capability of excess of 20 cubic feet per acre per year of industrial wood in natural stands. Currently inaccessible and inoperable cituded. \*Includes Indian lands. \*Net volume of the sawing portion of live sawtimber trees in board feet, \*Ye-inch log rule. \*Net volume in cubic feet of live sawtimber and poletimber trees from stump to a minimum 4-pentral stem) outside bark or to the point where the central stem breaks into limbs.

### No. 1120. NATIONAL FOREST LANDS-STATES AND OTHER AREAS: 1986

1 thousands of scree. As of Sept. 30. See also Historical Statistics, Colonial Times to 1970, series L 10-11]

	Gross area within unit bound- aries <sup>1</sup>	National forest system lands	Other lands within unit boundaries	STATE	Gross area within unit bound- arise <sup>1</sup>	National forest system lands	Other lands within unit boundaries
	230,007	190,832	30,175	NE	442	352	90 264
[	1,274	847	627	NV	5,426 819	5,162 706	114
	24,018	22.811	1,207	NM	10.384	9,326	1,058
	11,934	11,274	659	NY	13	13	-
	3,502	2,483	1.019	NC	3,165	1,219	1,947
	24,324	20,503	3,821	ND	1,106	1,106	(z) 654
	16.030	14,446	1,584	OH	833	179	654
	(z)	(z)	.,	OK	461	296	186
	1,224	1,100	125	OR	17,461 743	15,614	1,886
	1.855	887	950	PA	/43	511	232
	(z)	(z)	-	sc	1,382	611	770
•••••	21,706	20,444	1,262	SC SD	2,347 1,212	1,997 626	350 586
i	840	263	578	TX	1,994	752	1,243
	644	188	456	ΨT	9,130	8.043	1.086
	117	108	9	٧T	630	325	304
	2,102	881	1,421	VA	3,226	1,637	1,586
	1,023	600	423	WA	10,045	9,137	906
	94	51	42	w	1,861	978	883
	4,873	2,786	2,107	WI	2,023	1,507	516
	5,467	2,805	2.662	WY	9,717	9,255	462
	2,310	1,147	1,183		56	28	26
	3.062	1,471	1,610	PR	30 (2)	(z)	20
	19.093	16,798	2,295	VI	(2)	(2)	· •

ents zero. Z Less than 500 acres. <sup>1</sup> See footnote 1, table 1117.

S. Forest Service, An Analysis of the Timber Situation in the United States, 1952-2030, Appendix 3.

S. Forest Service, Land Areas of the National Forest System, annual.

# No. 1121. TIMBER-BASED INDUSTRIES—EMPLOYMENT AND AVERAGE HOURLY EARNINGS: 1970 TO 1986

[Data for production workers. See also Historical Statistics, Colonial Times to 1970, series L 212-223]

SIC 1	24 Lumber and wood products *	-	E	APLOYER	ES (1,00	(0)			E	ARNING	(dollar	rs)	
CODE	ПЕМ	1970	1975	1980	1984	1985	1986	1970	1975	1980	1984	1985	1986
	Lumber and wood products	554 (NA) 196	517 59 180	578 71 190	590 68 180	584 67 172	597 70 172	2.96 (NA) 2.84	4.26 5.28 4.34	6.55 8.64 6.70	8.03 10.70 8.42	8.22 10.92 8.52	8.33 10.84 8.56
26 25	al members	(NA) 543 362	137 480 337	164 523 376	185 512 390	190 512 394	203 511 397	(NA) 3.44 2.77	4.26 5.01 3.78	6.41 7.84 5.49	7,81 10,41 6,84	8.06 10.83 7.17	8.20 11.18 7.46

NA Not available. <sup>1</sup> Standard Industriel Classification; see text, section 27. <sup>2</sup> Excludes other industries, not shown separately.

Source: U.S. Bureau of Labor Statistics, Employment and Earnings, monthly.

# No. 1122. TIMBER PRODUCTS—PRODUCTION, FOREIGN TRADE, AND CONSUMPTION, BY TYPE OF PRODUCT: 1960 TO 1985

[in millions of cubic feet, roundwood equivalent. See also Historical Statistics, Colonial Times to 1970, series L 72-86]

ITEM	1680	1970	1975	1979	1680	1961	1982	1982	1984	1986, prol
Industrial roundwood:										
Domestic production 1	8.920	11.105	10,575	12.955	12.090	11,090	10,825	12,010	12.685	12,420
Softwoods		8.635	8.350	10,135	9,280	8.465	8.410	9.275	9.790	9,635
Hardwoods	1.995	2.470	2.195	2.815	2.810	2.605	2.410	2.735	2.665	2.780
Imports		2.430	2,215	3.655	3.250	3,165	3.015	3.710	4.165	4.33
Exports	455	1.540	1.665	2.135	2.350	2.000	1.995	2110	2.080	2.00
Consumption *		11.995	11,105	14,470	12,995	12.160	11.840	13.610	14,790	14.60
Softwoods		9.425	8,875	11.605	10,335	9.655	9,540	10.980	11.965	11,930
Hardwoods		2,565	2,230	2,865	2,680	2,510	2,300	2,650	2,825	2,780
Lumber:					l	1			j	ĺ
Domestic production	* 5.080	5.215	4.890	6.115	5.300	4.780	4.635	5.370	5.770	5,640
Imports		955	930	1,600	1.540	1.490	1,460	1.915	2.130	2.34
Exports		195	255	340	395	380	320	350	340	305
Consumption		5.970	5.565	7.580	8.450	5.885	5,780	6.925	7.580	7,890
Plywood and veneer:	0,000	0,0,0	0,000	1 .,555	0,400	3,000	3,700	0,020	,,,,,,,	
Domestic production	705	1.020	1,165	1.370	1.175	1,160	1.135	1.365	1,400	1.410
Imports		170	170	195	120	140	115	160	145	100
Exports		15	70	45	45	70	50	65	45	44
Consumption		1.170	1,265	1.520	1.250	1,250	1,200	1.480	1,500	1.53
Pulo products:	,	1,170	1,200	1,520	1,230	1,230	1,200	1,400	1,300	1,35
Domestic production	2.575	3,835	3,485	4.110	4.300	4.125	3,980	4.165	4.365	4,165
Imports		1,280	1,105	1.635	1.565	1.515	1,415	1.605	1,860	1.810
Exports		720	715		1.070			985		
Consumption	3.290	4.400	3.875	4.935		995	900	4.805	930 5,290	920 5,056
	3,290	4,400	3,675	4,835	4,885	4,645	4,495	4,500	3,290	3,000
Logs:		۔ ا				۰				ـ ا
Imports		25	15	25	25	20	20	30	30	20
Exports	45	465	465	670	560	425	550	565	600	656
Pulpwood chips, exports		145	195	280	275	220	175	155	145	140
Other industrial prod.4 consumption	510	425	385	410	390	350	345	380	410	400
Fuelwood consumption	1,300	540	570	2,270	3,190	3,225	3,400	3,425	3,636	(MA)

Represents zero. NA Not available. Z Less than 500,000 cubic feet. Includes log exports. Includes log imports. Includes Less and Hawsii. Includes cooperage logs, poles and piling, fence posts, hown ties, round mine timbers, box bolts, etc.

# NO. 1123. TIMBER PRODUCTS—PER CAPITA CONSUMPTION: 1960 TO 1965 [Based on total population estimated as of July 1. See also Historical Statistics, Colonial Times to 1970, series L 87-97]

PRODUCT	Unit	1960	1970	1975	1979	1980	1981	1982	1983	1984	1985, prel.
All products Industrial roundwood Lumber Plywood and veneer Pulp products Other products	Cu. ft	63.3 56.1 30.8 4.2 18.2 2.8	61.1 58.5 29.1 5.7 21.4 2.1	54.1 51.4 25.8 5.9 17.9 1.8	74.4 64.3 33.7 6.8 21.9 1.8	71.0 57.0 28.3 5.5 21.4 1.7	66.9 52.8 25.6 5.4 20.2 1.6	65.9 50.9 24.9 5.2 19.3 1.5	72.6 58.0 29.5 6.2 20.5 1.7	77.7 62.4 31.9 6.3 22.3 1.7	(NA) 61.4 32.1 6.4 21.1
Fuelwood	Cu. ft	7.2 199 25 .2	2.6 193 34 .3	2.6 171 32 .2	10.1 222 37 .3	14.0 188 30 .3	14.0 169 29	15.0 161 28 2	14.6 190 34 .3	15.3 205 34 .3	(NA) 206 35 .3

NA Not available.

Source of tables 1122 and 1123: U.S. Forest Service, U.S. Timber Production, Trade, Consumption, and Price Statistics, 1859-85, annual.

No. 1124. SELECTED TIMBER PRODUCTS—PRODUCER PRICE INDEXES: 1970 TO 1986
[See also Historical Statistics, Colonial Times to 1970, series L 208-210]

INDEX AND PRODUCT	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
1967 = 100		151			i E	1.71				17		
ood lumber 1	113 109 115 115	201 212 175 160	297 291 263 200	346 340 305 236	380 384 324 260	345 353 297 252	343 312 292 255	322 266 286 262	370 362 320 284	354 328 320 320	345 337 301 307	348 332 300 310
twooddwood	108 114 103	161 201 120	212 296 128	236 326 140	251 323 169	247 309 177	246 307 180	232 282 181	244 310 180	242 304 180	231 303 163	235 309 165
tion board	111 110 111 101 99 93	144 283 173 170 172 114	178 281 194 176 172 141	203 267 206 180 173 170	199 315 230 202 198 166	208 380 257 235 231 191	242 397 280 258 253 213	251 379 286 255 246 220	263 347 282 251 (NA) 229	270 397 303 282 (NA) 238	(NA) 347 303 275 (NA) 233	(NA) 358 306 272 (NA) 236
Dec. 1980 = 100					TI	-		11	1	11	-	
vood lumber: k, red, #1, common		60 63 71 42	91 84 81 68	113 111 97 77	120 117 102 93	103 108 99 84	(NA) (NA) 104 88	115 (NA) (NA) 73	143 105 (NA) 75	167 122 104 81	140 117 102 69	146 110 109 74

Not available. 1 Includes lumber listed below and other softwoods or hardwoods. 2 Includes softwood plywood if.

arce: U.S. Bureau of Labor Statistics, Producer Price Indexes, annual.

# O. 1125. SELECTED SPECIES—STUMPAGE AND LOG PRICES IN CURRENT AND CONSTANT (1967) DOLLARS: 1970 TO 1986

dollars per 1,000 board feet. Stumpage prices are based on sales of sawtimber from National Forests. See also Historical Statistics, Colonial Times to 1970, series L 199-205]

SPECIES	1970	1975	1975	1970	1680	1961	1982	1963	1504	1985	1986
CURRENT DOLLARS											
tools:  agiss-fir 1 aftern pine 2 per pine 2 terose pine 4 stern hemiock 5	44.10 38.50	169.50 57.00 99.20 71.20 68.80	250.30 134.50 159.60 164.70 113.60	394.40 155.20 365.00 239.00 200.80	432.20 155.40 666.60 206.10 212.70	350.20 172.00 225.20 195.20 163.40	118.20 127.20 71.90 86.90 44.50	161.60 140.60 137.70 104.00 62.20	132.90 139.40 64.30 122.70 61.80	126.20 90.70 109.70 101.40 50.50	160.70 103.60 169.60 156.60 74.70
voods: <sup>6</sup> eastern herdwoods	26.60	33.90 29.70 39.60	41.10 59.20 57.40	46.80 68.80 33.90	52.40 65.60 37.40	50.90 63.20 41.50	56.40 70.60 34.30	80.10 87.90 25.00	90.10 145.00 46.60	65.40 94.50 56.20	69.90 106.10 68.90
es-fir log prices: 7 r logs 9 ter logs 9 NSTANT (1967) DOLLARS 10	89.30 136.60	168.70 274.40	264.60 446.40	382.20 571.30	379.80 584.40	331.40 563.90	308.80 480.90	277.30 427.50	288.60 414.00	239.30 364.50	(NA) (NA)
iods: plas-fir 1 from pine 1 fr pine 2 ferosa pine 4 ferosa pine 4	39.90	96.90 32.60 56.70 40.70 39.30	119.60 64.30 76.30 78.70 54.30	167.40 65.90 154.90 101.40 85.20	180.80 57.80 246.00 76.70 79.10	119.40 58.60 76.60 86.50 55.70	39.50 42.50 24.00 22.40 14.90	53.30 46.40 45.40 34.30 20.50	42.80 44.90 27.20 39.50 19.90	40.90 29.40 35.50 32.80 16.40	53.60 34.60 56.60 52.20 24.90
oods: 6 astern herdwoods white, red, and black	24.40 24.10 31.20	19.40 17.00 22.80	19.80 28.30 27.40	19.90 29.20 14.40	19.50 24.40 13.90	17.30 21.50 14.10	18.80 23.70 11.50	19.80 29.00 8.20	29.00 46.70 15.70	21.20 30.60 18.20	23.30 36.10 23.00
s-fir log prices: † logs <sup>6</sup> r logs <sup>9</sup>	80.90 123.70	96.50 156.90			141.30 217.40	113.00 192.20	103.20 154.00	91.50 141.00	93.00 133.40	77.50 118.00	(NA) (NA)

tern Washington and western Oregon. <sup>2</sup> Southern region. <sup>3</sup> Pacific Southwest region (formerly California region), liftic Southwest region (formerly California region). <sup>1</sup> Pacific Northwest region. <sup>3</sup> Eastern and rifting of the Carboner log scale.) Prices are for western Washington and northwest Oregon and represent average lone which may take place at a variety of points in the distribution process, e.g., at a river dump, reloading or truck scaling or on delivery to a mill. <sup>3</sup> includes mixed grades, ungraded, and, beginning 1975 grade 4 logs, <sup>3</sup> Includes special fir it special mill grade. <sup>10</sup> Defiated by the producer price index, all commodities.

e: U.S. Forest Service, U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950-85, annual.

No. 1126. LUMBER PRODUCTION AND CONSUMPTION, BY KIND OF WOOD: 1960 TO 1965

[In millions of board feet, except as indicated, 1980 excludes Alaska and Hawaii. Based on sample survey; see source for sampling variability. See also Historical Statistics, Colonial Times to 1970, series L 98-112 and L 122-137]

						T		1		T	
ITEM	1680	1970	1975	1978	1979	1680	1961	1982	1962	1984	1986
Total production	32,926	34,068	32,619	40,496	40,589	35,364	31,672	30,010	34,572	37,965	36,314
Softwoods <sup>2</sup>		27,530 633	26,747 821	33,467 929	33,255 837	26,239 722	25,420 757	24,949 470	28,927 744	30,801 752	30,28
Dougles fir	6.832	7,727	7,329	8,601	8,425	6,853	5,866	4,842	6,434	7,809	7,76
Hemiock Ponderosa pine Ponderosa pine	2,032 3,1 <b>69</b>	1,980 3,429	2,020 3,544	2,728 4,175	2,505 3,966	1,855 3,269	1,501 2,894	1,284 2,350	1,316 2,869	(MA) 3,679	3,00
Redwood	1,000	1,078	1,054	917	896	770	730	760	852	999	1,15
Southern yellow pine White fir	5,660 2,224	7,063	6,967 2,012	9,231	9,283	8,217 1,643	8,415 1,253	8,754 974	10,181	10,648	10,142
White pine	675	896	947	1,154	(8)	(S)	502	272	(NA)	(NA)	(MA
Hardwoods *		7,138	5,872	7,031	7,314	7,115	6,252	5,081	5,644	6,264	6,03
Ash	125 195	159	124	160	(S) 193	(S) 183	130	122	224 112	219	22
Beech	208	229	253	372	374	303	155	105	197	133	12
Elm		155	117	151	151	149	1 77	57	(NA)	(NA)	(NA
Maple	602	742	531	561	*217	* 225	426	367	524	536	545
Oek	2,789	3,250	2,724	3,220	3,461	3,356	1,922	1,855	2,163	2,786	2,771
Sweet gum 4	331 292	378 335	245	412	401	371	231	193	278	300	285
Tupelo and black gum Yellow poplar		606	251 555	267 645	(8) 673	(8) 681	79 409	399	475	589	527
Domestic consumption 5	35,225	38,073	36,100	49,637	47,547	40,104	37,619	36,273	45,138	48,003	50,077
Percent net Imports *	8.7	12.7	12.2	21.1	19.9	18.7	19.0	20.2	22.1	24.0	26.0
Softwoods		31,585	30,309	42,840 192	40,608	33,832	32,064	31,173	39,742	42,857	44,24
Per capita (bd. ft.) *	164 5,285	155 4.340	4.063	4.032	181 4,230	4,228	140 4,167	134 4,270	170 4.606	181 4,594	4,765
Exports		1.152	1,373	1.369	1.745	1.956	1.878	1.630	1.745	1.590	1.515
Imports		5,789	5,711	11,825	11,118	9,540	9,205	9,119	11,947	13,270	14,800
Hardwoods	6,252	6,488	5,791	6,997	6,939	6,272	5,855	5,086	5,397	5,836	5,834
Per capita (bd. ft.) 7	2.067	32	27 875	820	31	28	25	22	1,334	25	1.719
Mill stocks, yearend		1,144	165	320	1,105 307	1,572	1,727 406	1,539 356	1,334	1,561	397
Imports	291	347	224	361	376	293	291	211	261	328	364
•	l '	L	L '	l	I	L	l '	1	1	1	1

NA Not available. S Figure does not meet publication standards. ¹ Production data preliminary. ² Includes types not shown separately. ² Excludes hard maple. ⁴ Red and sap. ⁴ Source: Through 1970, Copeland Economics Group, Inc., Stamford, CT; thereafter, National Forest Products Association, Washington, DC. The Economics Monthly Bulletin, quarterly edition (copyright). ¹ Imports minus exports. ¹ Based on resident population estimated as of July 1.

Source: Except as noted, U.S. Bureau of the Census, Current Industrial Reports, series MA-24T, annual.

### No. 1127. LUMBER PRODUCTION, BY GEOGRAPHIC AREA: 1970 TO 1985

[In billion board feet. Data based in part on a sample of sewmills and are subject to sampling variability; see source. For composition of divisions, see fig. 1, inside front cover. See *Historical Statistics, Colonial Times to 1970*, series L 113–121, for data by regions]

SECTION AND DIVISION	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985, prel.
United States	34.7	34.6	32.6	37.0	39.4	40.5	40.6	35.4	31.7	30.0	34.6	37.1	36.3
North s	4.4 3.4 1.0 10.8 3.6 7.2 19.4	4.4 3.3 1.1 10.4 3.4 7.0 19.7 .2 19.5	4.1 3.0 1.1 9.7 2.7 7.0 18.8 .1	(NA) (NA) (NA) (NA) (NA) (NA) 21.1 20.9	(NA) (NA) (NA) (NA) (NA) (NA) 21.8 21.6	(NA) (NA) (NA) (NA) (NA) (NA) 21.7 21.4	(NA) (NA) (NA) (NA) (NA) (NA) 21.1 20.9	(NA) (NA) (NA) (NA) (NA) (NA) 17.2 .3 16.9	SEE SEE SEE	3.8 2.7 1.1 10.8 2.0 8.8 15.4 .2 15.1	4.3 3.0 1.3 12.7 2.4 10.3 17.6 2 17.4	4.5 3.3 1.2 13.4 2.8 10.7 19.1 2 19.0	4.3 3.1 1.2 12.9 2.7 10.3 19.3
New England Middle Atlantic East North Central West North Central South Atlantic East South Central West South Central West South Central Pacific	.7 .8 1.2 .6 5.2 3.4 3.2 4.2 15.3	.8 .9 1.2 .6 5.1 3.4 2.9 3.9 15.8	.8 .7 1.1 .5 4.7 3.0 3.0 3.9 14.8	.9 8 1.2 6 5.2 3.3 3.1 4.6 16.6	.9 1.3 .6 5.3 3.6 3.5 4.7 17.1	1.0 .9 1.4 .7 5.4 3.7 3.6 4.7 17.0	1.0 .9 1.4 .6 5.8 3.6 3.2 4.5 16.6	1.1 .9 1.3 .6 5.2 3.2 2.9 3.8 13.4	.7 .5 1.0 2 4.4 2.8 2.3 3.3 11.2	1.0 .8 1.1 .3 5.4 3.2 2.8 3.3 12.2	1.2 .8 1.2 .4 6.5 3.8 3.1 3.8 13.6	1.1 .8 1.3 .4 6.7 4.2 3.3 4.4 14.8	1.1 1.3 6.4 4.1 3.1 4.5

NA Not available. Includes amounts not specified by division.

\*Source: U.S. Forest Service, U.S. Timber Production, Track, Consumption, and Price Stateletics, 1950-95, annual. Sections are as defined by the Forest Service, see source. Source: Except as noted, U.S. Bureau of the Census, Current Industrial Reports: series MA-24T, annual.

#### No. 1128, Wood Products-Production: 1960 to 1986

ITEM	Unit	1960	1970	1975	1980	1981	1982	1983 1	1984 1	1985	1986,¹ prel.
ood flooring lod plywood ion boards bard aboard	Mil. bd. ft	686	14.1 1,219 1,463	1,249	1,051	1,858	14.1 729	365 18.0 900 1,900 3,010	400 18.9 785 2,170 3,196	416 20.2 649 2,000 3,331	419 22.4 600 1,848 3,603

timated by the International Trade Administration.

roe: U.S. Dept. of Commerce, International Trade Administration, Forest Products Review, monthly (discontinued April 1983); published data. Based on reports of U.S. Bureau of the Census and National Particleboard Association, Silver Spring, MD.

#### No. 1129. Paper and Paperboard—Production and Consumption: 1970 to 1986

[In millions of short tons. See also Historical Statistics, Colonial Times to 1970, series L 172, L 174, and L 178-191]

ПЕМ			PRODU	CTION		CONSUMPTION <sup>1</sup>						
	1970	1975	1980	1984	1985	1986	1970	1975	1980	1984	1985	1986
I paper and paperboard	51.7	51.0	63.5	70.3	68.8	72.7	56,0	54.1	67.1	77.0	76.3	79.8
Newsprint	3.5	3.7	4.7	5.5 6.2	5.4	5.6 6.3	9.8	9.0	11.4	12.7	12.8	13.0
pated free sheet	5.1	5.3	8.0	9.2	9.7	10.4	5.1	5.3	8.0	9.5	10.0	10.8
saging and industrial convertingue and other machine creped		4.6	5.5	5.6	5.2	5.1	5.1	4.3	5.2	5.4	5.1	5.1
board: Unbleached kraft	11.5	11.5	15.3	17.2	16.4	17.7	9.9	10.5	13.0	15.2	14.6	15.7
ichemicalvcled finish	3.5	3.7 6.2	4.7 7.1	5.2 7.6	5.1 7.6	5.4	3.4	3.6 6.2	7.0	5.1	5.0	5.3
ruction paper and board *	3,0	3.0	2.6	1 1.8	3 1.8	3 1.8	3.0	3.0	3.0	3 2.2	12.1	3 2.0

tal consumption of paper and paperboard includes net imports of paper and paperboard converted products; not available by 
<sup>2</sup> Source: 1970–1980 U.S. Bureau of the Census, *Current Industrial Reports*, includes wet machine board, approximately 
10–160,000 tons per year.

<sup>3</sup> Estimated.

ince: Except as noted, American Paper Institute, Inc., New York, NY, Statistics of Paper, Paperboard, and Woodpulp, annual.

# No. 1130. Newsprint—Production, Stocks, Consumption, Imports, and Price Index: 1960 to 1986

housends of metric tone, except price index and imports (imports shown in short tone). See also Historical Statistics, Colonial Times to 1970, series L 192-198]

COUNTRY AND ITEM	1960	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
la: Production	6,125	7,808 7,795 214	6,966 7,010 86	8,756 8,760 162	8,625 8,622 165	8,950 8,913 202	8,109 8,054 256	8,486 8,439 303	9,013 9,018 298	8,988 8,996 290	9,289 9,302 277
I States: nated consumption 1 luction	6,634 1,849 1,842	8,805 3,142 3,136	8,395 3,348 3,347	10,199 3,685 3,689	10,088 4,239 4,234	10,164 4,752 4,735	10,107 4,574 4,526	10,587 4,688 4,674	11,431 5,025 5,065	11,587 4,924 4,927	11,936 5,108 5,115
ks, end of year: At mills	570 5,412	30 680	19 666	16 628 7,221	732 7,280	38 961 6,978 308.0	86 854 6,531 315.8	99 790 6,919 303.0	60 874 7,899	57 910 8,472	849 8,589 326.1

all users. Based on American Paper Institute data. 

<sup>2</sup> Source: Reports of U.S. Bureau of the Census. Includes Puerto nd beginning 1981, Virgin Islands.

<sup>3</sup> Average for 11 months.

ce: Except as noted, U.S. Bureau of Economic Analysis, *Survey of Current Business*, monthly. Data from American Paper a, Inc., New York, NY, and Canadian Pulp & Paper Association.

#### No. 1131. WASTEPAPER UTILIZATION AND RECOVERY RATES: 1960 TO 1986

lions of short tons, except percent. Recovery rate is ratio of total wastepaper recovered to new supply. Wastepaper islon is the ratio of wastepaper consumption at paper and board mills to paper and board production. See Historical Islics, Colonial Times to 1970, series L 175, for U.S. wastepaper consumption]

ITÉM	1960	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
nd board, production <sup>1</sup> aper consumption aper utilization rate (percent) astepaper uses <sup>3</sup> aper exports astepaper recovered nd board, new supply <sup>4</sup> yrate (percent)	33.9	51.7	51.0	64.3	63.5	64.3	61.0	66.8	70.3	68.8	72.7
	1 9.0	11.8	11.7	15.4	14.9	15.0	14.4	15.6	16.7	16.4	17.5
	26.5	22.8	23.0	23.8	23.4	23.3	23.7	24.4	23.8	23.8	23.9
	.20	.42	.54	.51	.47	.48	.49	.48	.46	.48	.49
	.15	.41	.86	2.23	2.66	2.21	2.13	2.57	3.24	3.29	3.75
	9.3	12.6	13.1	18.0	18.0	17.7	17.0	18.6	20.3	20.0	21.6
	38.5	56.0	54.1	69.8	67.1	68.0	64.7	71.2	77.0	76.3	79.8
	24.2	22.4	24.2	25.8	26.8	26.0	26.2	26.1	26.4	26.3	27.0

udes hard pressed board; includes construction paper and board, and wet machine board. 

<sup>9</sup> Source: U.S. Bureau of the Report FT 446. 

<sup>9</sup> Estimated. 

<sup>1</sup> Excludes production of hard pressed board.

e: Except as noted, American Paper Institute, Inc., New York, NY, Statistics of Paper, Paperboard, and Woodpulp, annual, ublished data.

NO. 1132. SELECTED WOOD PRODUCTS—PRODUCTION AND CONSUMPTION: 1970 TO 1986
[See also Historical Statistics of the United States, Colonial Times to 1970, series L 151-170]

ITEM	Unit	1970	1975	1680	1981	1982	1982	1984	1985	1995
PULPWOOD					l	ļ	l	l		
Receipts, total	Mii. cords 1	52.4	65.4 49.3 16.2	81.0 60.2 20.8	79.3 58.8 20.5	77.3 56.4 20.9	83.4 59.8 23.8	86.0 62.9 25.2	85.4 80.2 25.1	91.1 63.5 27.8
Consumption, total	Mil. cords 1	67.6 51.3 16.3	65.4 48.9 16.5	79.7 58.8 20.9	79.3 58.5 20.8	77.8 56.4 21.1	83.5 59.9 23.6	87.0 62.0 24.9	84.8 59.7 25.1	90.6 63.0 27.6
inventories *	MII. cords 1	6.6	6.6	6.7	5.9	5.4	5.2	5.2	5.1	4.7
Production Consumption.* total Own pulp Purchased pulp	Mil. short tons	43.2 38.9	43.1 42.4 36.5 3.9	53.0 52.4 46.6 5.9	52.8 52.8 47.3 5.5	51.0 50.2 44.6 5.6	54.1 54.0 47.7 6.3	57.8 57.5 50.3 7.2	57.7 58.6 49.7 7.0	60.9 50.9 52.6 7.3
PLYWOOD				1	l		1			
Softwood: Production Consumption. total	Mil. sq. ft.* Mil. sq. ft.* Mil. dol	14,149 (NA) 949	15,706 (NA) (NA)	15,483 15,145 2,582	15,524 14,883 2,390	15,134 14,741 2,177	18,281 17,737 2,877	18,865 18,526 2,995	19,341 19,122 3,080	19,926 19,436 3,165
Herdwood: Production	Mil. sq. ft.	5,772	1,280 4,970 586	1,311 3,416 977	1,232 3,837 1,065	1,163 3,173 920	1,248 4,324 1,131	1,185 3,831 1,199	1,016 4,311 1,192	1,062 4,610 1,227

NA Not available. Standard cords 126 cubic feet roughwood bases. As of Dec. 31. In the manufacture of paper and board. % basis. Surface measure.

Source: U.S. Bureau of the Census, Current Industrial Reports, series MA28-A, MA24-H, and MA24-F.

No. 1133. SELECTED TIMBER PRODUCTS-IMPORTS AND EXPORTS: 1970 TO 1986

ITEM	Unit	1970	1975	1979	1980	1981	1982	1983	1984	1985	1966
IMPORTS 1								201	1000	10	0.
Lumber, total 2	Mil. bd. ft	6.114	5.976	11,530	9.866	9.523	9.360	12.254	13,632	15.008	
From Canada	Percent	96.0	96.0	97.0	97.5	97.5	98.2	98.3	97.9	97.6	14,61
Softwoods	Mil. bd. ft	5.778		11,153		9,232	9,150	11,993	13,304	14.644	14.27
			5,724	2,551	9,573	1,763	1.624	2,569	2,681	2,898	2.96
ValueHardwoods		434 337	717		1,826						
	Mil. bd. ft		252	376	293	291	211	260	328 173	364	18
Value	Mil. dol Mil. bd. ft. <sup>a</sup>	62	70 85	187	152	154	104	134		180	
From Canada		144		133	128	101	117	165	147	99	7
	Percent	79.6	93.9	83.6	97.4	98.3	98.6	97.9	97.4	81.8	77.
Softwoods	Mil. bd. ft.º	107	69	118	114	88	99	142	117	71	5
Value	Mil. dol	9	12	26	17	17	23	24	15	17	
Hardwoods	Mil. bd. ft.3	38	17	15	13	14	18	23	30	28	2
Value	Mil. dol	5	3	3	3	3	3	3	5	4	
Paper and board *	1,000 tons	7,115	6,253	9,123	8,780	8,339	8,024	8,986	11,075	11,522	11,93
Value	Mil. dol	1,039	1,606	3,208	3,418	3,672	3,682	4,019	5,324	5,698	6,03
Woodpulp	1,000 tons	3,518	3,078	4,318	4,051	4,087	3,656	4,093	4,490	4,466	4,58
Value	Mil. dol	483	1,007	1,465	1,684	1,764	1,493	1,472	1,845	1,521	1,60
Plywood	Mil. sq. ft	4,171	3,913	4,243	2,477	3,047	2,270	3,393	3,056	3,609	3,93
Value	Mil. dol	208	260	591	409	465	331	451	438	463	51
EXPORTS	17.		6.7		m		1000	1	100	100	
Lumber, total *	Mil. bd. ft	1,243	1,618	2.142	2,494	2,406	2.021	2,270	2,150	1.945	2.42
To: Canada	Percent	21.7	34.0	30.4	25.3	30.3	20.7	29.3	25.8	23.7	22
Japan	Percent	30.8	31.9	30.2	26.0	21.8	31.1	27.8	28.0	32.1	36
Europe	Percent	24.1	15.1	21.3	23.8	16.6	20.3	20.2	16.0	15.1	16
Softwoods	Mil bd. ft	1,115	1,405	1.781	2.007	1.928	1.635	1.756	1.624	1,518	1.87
Value	Mil. dol	163	346	791	789	664	582	609	541	497	64
Hardwoods		128	213	361	487	479	386	514	527	427	54
Value	Mil. dol	31	68	225	272	269	229	305	300	263	35
Logs, total	Mil. bd. ft.3	2.741	2.667	3,897	3,261	2.489	3,208	3,307	3.495	3.843	3.62
To: Canada	Percent	10.6	10.4	10.5	9.7	9.9	9.4	10.5	12.1	11.6	12
Japan		86.3	84.6	80.8	78.0	71.3	61.7	55.4	50.4	49.4	57.
China: Mainland		(NA)	(NA)	(NA)	2.7	8.9	17.1	21.9	24.8	27.8	17.
Softwoods	Mil. bd. ft.3	2.672	2,601	3,768	3,109	2.377	3,115	3.196	3,369	3,732	3.48
Value		320								3,/32	
	Mil. bd. ft.3		681	1,614	1,452	1,003	1,174	1,068	1,079	1,169	1,12
Hardwoods		69	66	129	152	112	93	112	126	111	13
Value	Mil. dol.	36	43	138	129	92	84	98	101	91	9
Paper and board *	1,000 tons	2,817	3,116	3,672	5,214	4,641	4,246	4,569	4,387	4,077	4,83
Value	Mil. dol	602	1,315	1,914	2,773	2,891	2,589	2,481	2,552	2,268	2,549
Woodpulp	1,000 tons	3,095	2,782	2,935	3,806	3,678	3,395	3,644	3,594	3,791	4,45
Value	Mil. dol	464	875	1,104	1,652	1,661	1,415	1,362	1,502	1,353	1,66
Plywood	Mil. sq. ft	183	871	435	420	741	493	615	407	365	656
Value	Mil. dol	16	141	107	108	178	117	143	94	86	140

<sup>&</sup>lt;sup>1</sup> Customs value of imports; see text, section 29. <sup>2</sup> includes railroad ties. <sup>2</sup> Log scale. <sup>4</sup> includes paper and board products. Excludes hardboard.

Source: U.S. Forest Service, U.S. Timber Production, Trade, Consumption, and Price Statistics: 1980 to 1988.

# Fishery Products—Fisheries

#### No. 1134, FISHERY PRODUCTS-SUPPLY: 1970 TO 1986

Live weight, in millions of pounds, except percent. 1978–1988 preliminary. See *Historical Statistics, Colonial Times to 1970*, series L 224–226, for domestic catch]

ITEM	1970	1975	1977	1970	1970	1980	1901	1962	1963	1984	1906	1986
Total	11,474	10,164	10,652	11,500	11,831	11,367	11,353	12,011	12,362	12,552	15,150	14,360
human food	6,213	6,394	7,485	8,135	8,251	8,006	8,267	7,966	8,413	8,496	9,337	9,620
Infish	(NA)	4,648	5,641	6,263	6,324	6,139	6,316	6,090	6,358	6,303	6,991	7,087
Shellfich 1	(NA)	1,548	1,825	1,872	1,927	1,867	1,951	1,878	2,055	2,195	2,346	2,533
r industrial use	5,261	3,770	3,186	3,374	3,580	3,351	3,086	4,043	3,939	4,054	5,813	4,748
mestic catch	4,917	4,877	5,271	6,028	6,267	6,482	5,977	6,367	6,430	6,438	6,258	6,031
Percent of total	42.8	47.9	49.5	52.4	53.0	57.1	52.7	53.0	52.1	51.3	41.3	42.0
or human food	2,537	2,465	2,952	3,177	3,318	3,654	3,547	3,285	3,238	3,320	3,294	3,390
Finfleh	(NA)	1,548	1,833	2,018	2,204	2,516	2,414	2,324	2,351	2,346	2,273	2,240
Shelifish 1	(NA)	917	1,119	1,159	1,114	1,138	1,133	961	687	972	1,021	1,153
or industrial use	2,380	2,412	2,319	2,851	2,949	2,828	2,430	3,062	3,201	3,118	2,964	2,636
ports <sup>1</sup>	6,557	5,287	5,381	5,481	5,564	4,975	5,375	5,644	5,913	6,114	8,892	8,337
Percent of total	57.2	52.1	50.5	47.6	47.0	42.9	47.3	47.0	47.9	48.7	56.7	58.0
for human food		3,929	4,514	4,958	4,933	4,352	4,720	4,683	5,175	5,178	6,043	6,227
Finfish	(NA)	3,300	3,808	4,245	4,120	3,623	3,902	3,766	4,007	3,955	4,718	4,647
Shellfish 1		629	706	713	813	729	818	917	1,168	1,223	1,325	1,380
For industriel use *	2,861	1,358	867	523	631	523	656	961	738	936	2.849	2.110

IA Not available. ¹ For univalve and bivalve mollusks (conchs, clams, cysters, scallops, etc.), the weight of meets, suding the shell, is reported. ¹ Excludes imports of edible fishery products consumed in Puerto Rico; includes landings of a caught by foreign vessels in American Samoa. ³ Fish meel and see herring.

# No. 1135. FISHERIES-EMPLOYMENT, FISHING CRAFT, AND ESTABLISHMENTS: 1970 TO 1985

n thousands. As of Dec. 31. Data for employment and establishments exclude Alaska. See also Historical Statistics, Colonial Times to 1970, series L 254-261]

ПЕМ	1970	1975	1976	1977	1978, prel.	1979, prel.	1980, prel.	1981, prel.	1982, prel.	1963, prel.	1984, prel.	1985, prel.
shermen	227 140 87	260 168 92	267 174 93	280 182 98	257 172 85	267 184 83	296 193 103	303 198 105	314 216 98	333 223 110	340 230 110	351 239 112
t used	88 14 72 2	103 16 85 2	103 17 84 2	107 17 88 2	104 18 84 2	103 18 84 1	113 19 93 1	115 20 93 2	123 20 102	127 21 105 1	127 24 102 1	130 24 104 2
rry shore establishments	3.7	3.6	3.6	3.6	3.3	3.4	3.6	3.6	3.6	3.9	4.0	4.0

essonal average for processors and wholesaling plants.

arce: U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fishery Statistics of the d States, annual, and Fisheries of the United States, annual.

# No. 1136. FISHERIES-QUANTITY AND VALUE OF DOMESTIC CATCH: 1960 TO 1986

[See also Historical Statistics, Colonial Times to 1970, series L 224-228, L 229, and L 310]

	QUANTITY (mil. lb.1)		Ex-	H. S.		QUAN	TITY (mil.	lb.1)	Ex-		
YEAR	Total	For human food	For indus- trial prod- ucts <sup>2</sup>	ves- sel value (mil. dol.)	age price per lb. (cents)	YEAR	Total	For human food	For industrial products *	ves- sel value (mil. dol.)	age price per lb. (cents)
****	4,942	2,498	2,444	354	7.2	1978, prel	6,028	3,177	2,851	1,854	30.7
MARCONDIA PROPERTY	4,777	2,587	2,190	446	9.3	1979, prel	6,267	3,318	2,949	2,234	35.6
	4,917	2,537	2,380	613	12.5	1980, prel	6,482	3,654	2,828	2,237	34.5
	4,806	2,435	2,371	748	15.6	1981, prel	5,977	3,547	2,430	2,388	40.0
	4,858	2,398	2,460	937	19.3	1982, prel	6,367	3,285	3,082	2,390	37.5
	4,967	2,496	2,471	932	18.7	1983, prel	6,439	3,238	3,201	2,355	36.6
	4,877	2,465	2,412	977	20.0	1984, prel	6,438	3,320	3,118	2,350	36.5
	5,388	2,775	2,613	1,349	25.0	1985, prel	6,258	3,294	2,964	2,326	37.2
Martiniani	5,271	2,952	2,319	1,554	29.5	1986, prel	6,031	3,393	2,638	2,763	45.8

<sup>»</sup> weight. — \* Meal, oil, fish solubles, homogenized condensed fish, shell products, bait, and animal food.

iource: U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fishery Statistics of the National Marine Fisheries of the United States, annual;

xx: U.S. National Oceanic and Atmospheric Administration, National Marine Flaheries Service, Fishery Statistics of the States, annual, and Fisheries of the United States, annual.

#### No. 1137, FISHERIES-DISPOSITION OF DOMESTIC CATCH: 1970 TO 1986

[Live weight catch in millions of pounds, 1978–1995 preliminary, in addition to whole fish, a large portion of weste (400–500 million lb.) derived from canning, filleting, and dressing fish and shellfish is utilized in production of fish meet and oil in each year shown. See *Historical Statistics, Colonial Times to 1970*, series L 305–310, for similar but not entirely comparable data]

DISPOSITION	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Total	4,917	4,877	5,271	6,028	6,267	6,482	5,977	6,367	6,439	6,438	6,258	6,031
Fresh and frozen	1.150	907	1.359	1.099	2,394 1,046 94 2,733	1.161	1.118	891	1.087	1.126	2,242 1,232 70 2,714	1,131

Source: U.S. Netional Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fishery Statistics of the United States, annual, and Fisheries of the United States, annual.

# NO. 1138. FISHERIES—DOMESTIC CATCH AND EX-VESSEL VALUE BY AREA: 1980 TO 1986 [See Historical Statistics, Colonial Times to 1970, series L 238-253, for data on quantity and ex-vessel value of catch]

			CATCH	(mil. lb.)					VALUE (	mil. dol.)		
AREA	1680	1996	1995	1504	1680	1680	1680	1982	1986	1984	1995	1905
United States	6,482	6,367	6,430	6,430	6,258	6,031	2,237	2,300	2,300	2,300	2,326	2,763
New England States	788 244 717 473	887 129 791 427	711 128 641 397	684 153 883 402	590 151 815 311	563 155 617 249	327 97 130 146	374 93 120 184	435 94 130 173	434 100 128 150	419 101 124 156	449 114 131 155
Gulf States. Pacific Coset States. Great Lakes States Hawaii Other 1	1,979 2,140 44 11 85	2,300 1,872 36 14 109	2,443 1,739 47 29 103	2,644 1,701 61 35 85	2,412 1,816 54 17 92	2,366 1,923 46 11 96	483 1,025 14 12 21	614 964 13 14 34	615 648 14 18 30	666 795 14 29 25	507 863 15 22 29	781 1,065 14 20 34

<sup>&</sup>lt;sup>1</sup> Mississippi River and other areas.

Source: U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fishery Statistics of the United States, annual; and Fisheries of the United States, annual;

# NO. 1139. DOMESTIC FISH AND SHELLFISH CATCH, BY SPECIES: 1981 TO 1986

	QUA	NTITY (1,000	(b.)	V	ALUE (\$1,00	0)	1981-	RECO	ORD CATCH
SPECIES	1984	1985	1986	1984	1985	1986	avg. quantity (1,000 lb.)	Year	Quantity (1,000 fb.)
Total	6,437,783	6,257,642	6,030,634	2,350,462	2,326,237	2,762,823	(x)	(NA)	INA
Fish, total 1	5,456,194	5,214,363	4,870,763	1,188,612	1,193,427	1,319,134	(x)	(NA)	Inch
Anchovies	17,796	14,566	13,436	5,631	2,704	2,523	56,917	1975	329,356
Bluefish	12,713	13,743	13,968	2.382	2,363	2,413	15,234	(NA)	(NA
Butterfish	26.026	10,338	9,880	7,056	3,537	6.576	14,493	(NA)	INA
Cod: Atlantic	96,775	82,823	61,134	36,143	35,140	36,142	99,395	1880	294,351
Pacific	115,608	120,275	104,443	20,966				1985	120,275
Crooker	10,570				18,556	11,337	91,875		
Croaker		11,088	12,382	3,552	3,658	3,883	12,412	1945	64,668
Flounders	219,995	195,718	169,050	124,259	129,121	124,586	219,727	1983	253,526
Haddock	25,997	14,416	10,968	18,352	13,545	10,911	34,627	1929	293,809
Halibut	47,903	61,032	77,691	25,435	38,376	82,925	42,869	1986	77,691
Herring, sea; Pacific		142,074	130,764	22,159	47,025	44,598	122,658	1937	329,356
Jack mackerel		20,852	23,672	1,963	1,770	1,775	34,529	1952	146,522
Mackerel, Pacific	93,406	75,453	85,444	7,612	6,324	6,408	77,769	(NA)	(NA)
Menhaden	2,891,076	2,739,401	2,391,363	117,297	100,680	93,762	2,692,952	1983	2,962,811
Mullet	22,782	21,205	21,646	5,426	5,720	6,043	26,864	1902	43,385
Ocean perch, Atlantic	12,333	9,666	6,576	3,550	3,179	3,160	14,539	1951	258,320
Pollock, Atlantic	39,536	43,477	54,469	6,439	6,978	14,044	36,503	1986	54,469
Rockfishes	85,569	82,109	92,029	21,813	23,107	28,265	102,666	1983	99,315
Sablefish	50,031	63,380	84.868	17,526	28,692	45,879	45,757	1986	84,868
Salmon	691,409	726,946	658,521	391,462	439,795	493,937	662,702	1985	726,946
Scup or porgy	18,505	15,996	16,181	8,775	9,338	9,476	19,108	1960	49.229
Sea trout, gray	19,726	16,400	20,602	7,541	7,330	7,086	19,860	1945	41,420
Snapper, red		5,181	4,489	10,107	10,661	9,820	5,973	1902	23.457
Swordfish	12.831	12,258	9,671	37,063	33,191	30,508	11,174	(NA)	(NA
Tuna		83.054	87,811	118,352	52,515	54,575	235,227	1976	490.587
Whiting	46,214	44,545	39,924	6.867	8,274	8,312	40.065	1957	133,041
Shelifish, total 1	981,589	1,043,279	1,159,871	1,161,850	1,132,810	1,443,689		(NA)	(NA)
Clams		150,551	145,393	116,491	128,349	134,910	125.563	1985	150.551
		337,632						1977	
Crabs Lobsters: American	312,953 43,967		355,660	186,576	203,044	270,138	352,635	1985	412,774
		46,152	46,053	114,348	114,895	120,556	42,253		46,152
Oysters Color	48,287	44,173	40,544	80,817	70,053	78,068	49,400	1908	152,046
Scallops: Calico		12,513	1,616	21,620	12,524	3,087	17,420	1984	39,330
Sea		15,829	19,992	97,675	74,562	97,415	21,267	1961	27,461
Shrimp	301,754	333,691	400,185	488,400	472,850	662,744	304,680	1977	476,469

NA Not available. X Not applicable. 

Includes other types of fish and shallfish, not shown separately.

Source: U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fisheries of the United States, see

148. FISHERIES—QUANTITY AND VALUE OF CATCH, BY STATE, AND CATCH OF PRINCIPAL SPECIES, BY AREA: 1970 TO 1986

nillions of pounds, live weight, except as indicated; ex-vessel value in millions of dollars. 1960–1966 preliminary. See also / listorica/ Statistics, Colonia/ Times to 1970, series L 262–293]

E, CATCH, AND VALUE	1970	1960	1985	1986	AREA, STATE, CATCH, AND VALUE	1970	1980	1985	1986
d					South Atlantic—Con.				
	531	788	590	563	Florida (east coast):		100	100	100
	91	327	419	449	Catch	76	77	66	47
	1 2	100	12	1.33	Value	12	39	57	42
	159	245	175	175	Catch for certain species:	150	200	132	1 33
	31	93	101	108	Crabs	43	55	48	40
pshire:	1	1		100	Menhaden	136	(D)	(D)	(D)
	1 1	19	8	8	Shrimp	21	33	28	23
1	1	5	5	6	Gulf States:				
setts:	100	100			Catch	1,698	1,979	2,412	2,368
alcontabilities to be	287	438	296	272	Value	167	463	597	781
	47	178	232	244	Florida (west coast):		2.2		
ind:	70				Catch	116	115	117	119
	79	81	104	102	Value	31	86	114	112
	11	46	70	75	Alabama:		-	- 00	-
ut:					Catch	. 30	25	30	37
	. 5	5	.7	7	Value	10	25	41	64
management and a second	2	5	12	16	Mississippi:	200	200	474	
certain species:	-				Catch	. 298	232	471	418
	53	118	83	61	Value	- 11	25	40	46
Tanana and a second	104	118	98	81	Louisiana:	4 107			4 077
The state of the s	27	55	14	11	Catch		1,412	1,693	1,677
sea	66	184	52	79	Value	61	174	225	313
American	30 55	36	44	43	Texas:	224		400	100
xerch, Atlantic		24	10	7	Catch	147	153	103	117
	9	40	43	54	Value	53	103	177	246
ntic:	40	18	31	31	Catch for certain species:	-00	40	-	-
	140	444	404		Crabs	. 36	45	53	59
halaman		244	151	156	Menhaden	1,209	(D)	(D)	(D)
	30	97	101	114	Mullet	27	31	17	18
	00		200		Oysters (meats)	18	17	25	20
-	. 32	39	39	43	Shrimp	230	208	263	304
	16	45	38	45	Great Lakes: 1	70			48
ry:	00	201	100		Catch	72	44	54	
	98	201	108	108	Value	6	14	15	14
	13	50	61	67	Pacific Coast:				
	40			5	Catch	1,480	2,140	1,816	1,922
	10	4	5		Value	235	1,025	863	1,065
	1	2	2	2	Washington:	104	450	107	107
certain species:	63	40	70	-	Catch	134	156	167	187
meats)			73	2 000	Value	. 30	86	93	111
en	31	(D)	(D)	3,029	Oregon:	98	126	101	113
(meats)	1	3	1	368	Catch				
porgy	4	8	2	6	Value	. 23	56	46	62
Bay:	600	717	015	647	California:	703	804	363	386
	630	130	815	617	Catch		323	133	139
****************	41	130	124	131	Value	. 86	323	133	138
	80	80	92	89		545	1,054	1,185	1,236
************	19	45	47	51	Catch	96	560	591	753
***************************************	19	40	4/	51	Value	. 90	500	991	153
	551	637	200	528	Catch for certain species:	193	107	15	13
(	22	85	723 76	80	Anchovies	9	14	5	1 1
certain species:	- 62	65	/0	60		126	347	129	160
	21	1	1	1	Crabs		60	68	64
\$1000000000000000000000000000000000000		36	47		Flounder		19	61	78
meats)	70	65	91	84	Halibut		107	142	131
		(D)	(D)		Herring, sea		44	21	24
(meats)		21	107	(D)	Salmon		614	727	659
tic:	20	21	.0	11			98	35	63
	280	473	311	249	Shrimp		387	64	77
**************	30	148	156	155	Mississippi River and	210	307	04	1 "
plina:	30	190	130	100					
	120	356	215	169	tributaries:	75	85	92	96
***************************************	173				Catch	10	21	29	34
olina:	9	69	65	63	Value	10	41	20	34
	16	21	13	17		11	11	17	11
***************************************	4	20	14	25	Catch		7	11	5
***************************************		20	14	25	Tuna catch	4	12	22	20
	1		1.00		Value	- 4	16	-	20
	14	19	17	16					

eld to avoid disclosure. <sup>1</sup> Collected largely by State fishery agencies, and compiled by National Marine Fisheries udes, in addition to the Great Lakes, small amounts for Lake St. Clair, Lake of the Woods, Namakan Lake, and Rainy

<sup>.8.</sup> National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fishery Statistics of the United Ial; and Fisheries of the United States, annual.

# No. 1141. CATCH AND CATCH LIMITS IN THE U.S. EXCLUSIVE ECONOMIC ZONE (EEZ) BY COUNTRY: 1982 TO 1986

[In millions of pounds live weight. Data are preliminary. Excludes tuna. (in 1982 and 1983, U.S. domestic catch of tuna in EEZ was 23 mil. (b). in 1984, 34 mil. (b). and in 1985 and 1986, 32 mil. (b). Allocations (catch limits) set by species for countries fishing within 200 to 300 miles of U.S. shores. For details, see text, section 24, and ounce]

OO WITTOU		AC	TUAL CAT	СН				LLOCATIC	×	
COUNTRY	1962	1963	1984	1986	1986	1982	1982	1984	1905	1901
Total catch in EEZ	5,385	5,305	5,923	6,226	6,616	(x)	(x)	(x)	(x)	0
.s	2,331	2,525	2,939	3,665	5,319	(x)	(x)	(x)	1 3,254	1,52
oreign		2,841	2,994	2,561	1,297	¹ 4,270	4,265	4,278		1,52
Japan	2,364	2,143	2,072	1,778	850	3,039	2,585	2,554	1,505	1,04
Soviet Union	(x) 536	(x)	51	23	(Z) 215	(X) 677	(x)	77	24	25
South Korea	536	613	808	497			716	727	552	25
Polend	(x) 34	(x)	153	182	171	(X) 36	(x) 30	174	197	17
Spain	34	10	9	* 13	6	36		22	20	l
Italy	32	20	25	44	9	45	32	19	16	1
West Germany	36	52	53	XXXX	(x)	49	64	62	(X)	(
6U0874	16	(x)	(x)	(x)	(x)	40	1 1	(X)	88	1 0
China: Taiwan	15	(x)	(x)	(x)	(x)	47	15	(X)	(x)	000
East Germany	(x)	3	12	24	42	12	11	26	63	1 2

# No. 1142. U.S. CATCH AND VALUE OF FISH AND SHELLFISH, BY DISTANCE CAUGHT OFF U.S. SHORES-SELECTED SPECIES: 1986

[Preliminary, Catch is shown in live weight, except as indicated, includes landings by U.S. flag vessels at Puerto Rico and other ports outside the 50 States and catches by U.S. flag vessels unloaded onto foreign vessels within the U.S. FCZ (joint venture)]

	100		BY DISTA	NCE FRO	M U.S. SH	ORES		100		NT OF 1	
	U.S. catch 1	Cat	ch (mil. Ib	i.)	Percent	t of U.S.	catch	of U.S.	CAUG	BY DIS HT OFF SHORES	U.S.
SPECIES	(mil. lb.)	3 miles or less <sup>2</sup>	3 to 200 miles	Over 200 miles	3 miles or less <sup>2</sup>	3 to 200 miles	Over 200 miles	(mil. dol.)	3 miles or less 2	3 to 200 miles	Over 200 miles
Fish, total 3	8,219.2	2,876.6	4,803.4	539.2	35	58	7	1,637.2	46	42	12
Cod	311.2	17.5	292.5	1.2	6	94	(z)	61.9	5	94	1
Flounder	645.0	38.3	596.0	10.7	6	92	(z) 2	153.4	14	81	1 5
Halibut	77.7	29.6	48.1	(Z)	38	62	(Z)	82.9	38	62	(z
Herring, sea	210.1	183.9	26.2	N N N N N N N N N N N N N N N N N N N	88	12	(z) (z) (z)	48.9	97	3	(7 (7 (7 (7 (7 (7 (7 (7 (7 (7 (7 (7 (7 (
Jack mackerel	23.7	(Z)	23.7	(z)	(z)	100	(z)	1.8	(Z)	100	İŻ
Menhaden	2,391.4	1,569.4	822.0	(z)	66	44	(z)	93.8	68	32	(Z
Ocean perch	22.8	4.9	17.9	(z)	21	79	(z)	6.3	11	89	l (z
Salmon, Pacific	658.5	641.5	17.0	(z)	97	3 6	(X) (X) (X)	493.9	95	5	(z
Tuna	555.0	.6	32.4	522.0	(z) 53	6	94	217.2	(Z)	15	
Shellfish 3	1,172.5	620.3	548.1	4.1	53	47	(Z)	1,452.7	48	52	(Z
Clams (meats)	145.4	46.9	98.5	(z)	32	68	(Z)	134.9	67	33	l (z
Crabs	355.7	216.8	138.8	(z) (z) (z)	61	39	NNN	270.1	38	62	(2
Lobsters	52.8	40.8	11.9	(Z)	77	23	(z)	139.8	74	25	(Z
Scallops (meats)	22.3	2.0	20.3	(z)	9	91	(z)	107.0	12	88	NANANA
Shrimp	400.2	199.0	201.2	(z)	50	50	(z)	662.7	41	59	(z)

Z Lees than 500,000 pounds or .05 percent, all lendings in Great Lakes and other inland water <sup>1</sup> includes catch from international waters or off foreign shores.

\* Includes other species not shown separately. \* Includes iters.

### No. 1143, FISHERIES, SELECTED COUNTRIES—COMMERCIAL CATCH: 1981 TO 1985

[In billions of pounds, live weight, Catch of fish, crustaceans, mollusks (including weight of shells), and other equatic plants and animals, except wheles and seels!

COUNTRY	COUNTRY 1901 1982 1982 1984 1680		COUNTRY	1991	1982	1982	1984	1005			
World total 1	165.0	100.2	170.3	183.2	197.3	Chine: Mainland *	9.6 3.2	10.9 1.7	11.5 1.8	13.1 3.4	14 9 3.7
United States	23.7 21.0 6.0 7.5 5.6 5.4 5.2 4.1	8.8 23.9 22.0 7.8 8.1 5.5 5.2 5.0 4.2 4.4	9.4 24.8 21.5 3.5 8.8 6.3 5.5 5.3 4.1 4.9 5.0	10.8 26.5 23.4 7.4 9.9 5.4 6.3 5.5 4.1 4.4	10.5 25.2 23.2 9.2 10.6 4.6 6.2 5.8 3.7 4.6 4.7	Philippines. Canada. North Korea (est.) Spain Vietnam Brazil Mexico France South Africa Poland United Kingdom	3.7 3.1 3.3 2.8 1.4 1.8 3.4 1.7 1.3	3.9 3.1 3.4 3.0 1.4 1.8 2.9 1.7 1.4 1.3 2.0	1.4 4.4 3.0 3.5 2.9 1.8 1.9 2.3 1.7 1.3 1.5	3.6 2.8 3.6 2.9 1.7 2.1 2.4 1.7 1.3 1.8	4.1 3.7 2.9 1.8 2.1 2.7 1.9 1.4

<sup>&</sup>lt;sup>1</sup> includes other countries not shown esperately. \* Includes data for Talwan.

X Not applicable. Z Less than 500,000 pounds. Includes countries not shown separately.

Source of tables 1141 and 1142: U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fishery Statistics of the United States, annual and Fisheries of the United States, annual.

Source: U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fisheries of the United States, annual. Date from Food and Agricultural Organization of the United Nations, Rome, Italy.

No. 1144, Fresh and Frozen Fishery Products—Production and Value: 1975 to 1986 [Excludes Alaska and Hawali, except frozen fishery products includes Alaska and Hawali]

incomine.		- 1	PRODUCT	ION (mil.	(b.)				VALUE	(mil. dol	.)	
PRODUCT	1975	1980	1983 1	1984 1	1985 1	1986 1	1975	1980	1983 1	1984 1	1985 1	1986
sh fillets and steaks <sup>2</sup>	131.9 15.2 41.9 8.2 8.4 .1 5.5 5.7 46.9 299.7	202.1 31.3 48.9 17.2 7.1 .6 14.2 8.5 74.3 228.2	230.6 51.3 80.7 11.7 4.3 .1 17.3 11.3 53.9 186.7	252.3 69.6 79.0 8.5 2.8 (³) 18.4 11.3 62.7	245.5 57.1 69.1 7.5 2.4 (*) 18.1 14.5 76.8 205.2	260.2 62.7 60.1 7.9 2.8 (3) 16.6 16.1 94.0	137.9 14.6 53.1 12.3 5.7 .1 3.2 3.6 45.3 (NA)	261.2 43.2 87.4 29.0 9.3 .5 12.8 8.5 70.5 (NA)	362.1 68.3 137.6 22.0 5.7 .1 22.1 11.6 94.7 (NA)	410.4 96.6 158.9 18.6 3.2 (*) 23.3 11.4 98.4 (NA)	440.1 89.2 157.2 19.0 3.3 (*) 25.1 16.7 129.6 (NA)	538.6 127.2 166.9 24.4 6.4 (3° 23.9 20.2 169.6 (NA

NA Not available.

# No. 1145, CANNED FISHERY PRODUCTS-PRODUCTION AND VALUE: 1975 to 1986 ata shown are for natural pack only. See also *Historical Statistics, Colonial Times to 1970*, series L 338-357 (production data in cases) and L 356)

4244/44			PRO	DUCTIO	M (mi	i. lb.)					V	ALUE (	mil. do	(.)		
PRODUCT	1975	1980	1981	1982	1983	1984	1985	1986	1975	1980	1981	1982	1983	1984	1985	1986
Total 1	1,382	1,516	1,476	1,294	1,391	1,411	1,161	1,330	1,067	1,928	1,954	1,499	1,534	1,578	1,360	1,494
non	529 78 76	602 200 77	627 215 88	539 112 99	591 181 102	614 200 114	545 159 117	637 142 116	110		1,180 380 72	918 174 85	859 308 86	872 322 95	821 228 109	882 265 117
tines, Mainemp	10 26 12	38	36	39 18 6	46 13 7	31 15 7	15 20 4	18 16 5	25 28	12 32 80	12 55 60	15 28 35	17 20 41	13 25 36	7 38 19	28 23
dlers 3	8 2	16 5 4 (z)	9 (z)	8	(NA)	(NA)	4 2	(NA)	10 2 4	19 1 (z)	3	3 2	(NA)	(NA)	1 2	(NA

Not available. Z Less than 500,000 pounds or \$500,000. Includes other products: not shown separately, notudes Jack and a small amount of Pacific mackerel.
 Shouldes oyster specialities.

No. 1146. PROCESSED FISHERY PRODUCTS—PRODUCTION AND VALUE: 1975 TO 1986 studes Puerto Rico and American Samos. See Historical Statistics, Colonial Times to 1970, series L 362-365, for meal, scrap, and oil]

		PRO	DUCTIO	w (mil. It	). <sup>1</sup> )		L		VALUE	(mil. dol.	)	
PRODUCT	1975	1680	1963	1504	1986	1985, prel.	1975	1680	1983	1984	1986	1965 prel.
Total	(x)	(x)	(x)	(x)	(x)	(%)	2,651	4,942	° 4,741	5,211	4,936	(NA
aged fresh and frozen h not breaded:		1,493	1,345	1,697	1,062	(NA)	1,500	2,567	2,813	3,233	3,242	(NA
Tilets and steeks, raw	132 55 26	203 40 48	231 97 59	245 98 59	246 132 (NA)	260 (NA) (NA)	138 43 22	262 56 37	362 150 42	395 183 46	440 239 (NA)	531 (NA (NA
ticks	286 315 128	88 328 497 113 68	87 334 416 126 42	92 325 489 116 268	88 <u>333</u>	73 356 (NA) (NA) (NA)	62 211 534 220 79	89 368 1,302 321 130	116 410 1,200 457 78	109 407 1,438 414 231	111 368 (NA) (NA) (NA)	41: (NA (NA
id products *	799	1,616 1,010 506	1,351 987 403	1,411 1,042 369	1,161 913 246	1,330 1,009 321	1,067 920 148	1,928 1,782 146	1,534 1,394 141	1,578 1,438 140	1,300 1,269 91	1,46 1,39 10
i fish *	30 24	43 22 1	55 26 28 3	90 37 22 2	32 25 1	<u> </u>	102 44 56 2	175 85 88 4	105 30 87 8	165 66 95 4	146 60 88 3	15 (NA (NA (NA
rial products	(z) 246	(X) (Z) 313 (Z) (X)	(x) (z) 399 (z) (x)	373 373 (X)	(X) (Z) 285 (Z) (X)	XV7XXX	173 66 33 9 67	272 134 58 14 88	252 130 67 16 39	234 (NA) 61 15 (NA)	182 64 42 19 37	17 6 4 1:

Not available. X Not applicable. Z <sup>8</sup> Includes beit and unbreaded portions. 1975 dried cod was included in salted. Z Less than 500,000 tons. <sup>1</sup> Except as indicated. <sup>2</sup> Detail will not add tons. <sup>4</sup> Includes salmon eggs for balt. <sup>8</sup> Includes sun-dried and freeze-dried.

<sup>&</sup>lt;sup>1</sup> Preliminary. <sup>2</sup> Fresh and frozen. <sup>3</sup> Included with "Other."

ce of tables 1144-1148; U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Flahery se of the United States, annual, and Flaheries of the United States, annual.

No. 1147. SUPPLY OF TUNA, SALMON, AND SARDINES: 1970 TO 1986 [In millions of pounds, 1979-86 preliminary]

ITEM	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
Tuna: Domestic landings, live weight	478 465 510 168 183 17 2 66 47	570 517 582 59 78 23 3 57	566 1870 757 116 149 33 (z) 75 49	508 810 674 98 149 51 (2) 80 50	500 770 666 126 200 74 (Z) 71 51	490 770 698 152 215 63 (Z) 86 55	473 589 626 71 112 41 (Z) 68 50	586 534 713 127 181 54 (Z) 48 35	583 497 777 151 200 49 1 59 45	516 483 759 113 159 48 2 77 57	557 568 873 87 142 59 5 69 53

Z Less than 500,000 fb. 1 Record.

Source: U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fishery Statistics of the United States, annual, and Fisheries of the United States, annual.

No. 1148. FISHERY PRODUCTS—IMPORTS AND EXPORTS: 1970 TO 1966
[See also Historical Statistics, Colonial Times to 1970, series L 227-235]

		IMPO	RT8			EPO	RTS	
	Total	Edible p	roducts	Non- edible,	Total	Edible p	roducts	Non- edible,
YEAR	value (mil. dol.)	Quantity (mil. lb.)	Value (mil. dol.)	value (mil. dol.)	value (mil. dol.)	Quantity (mil. lb.)	Value (mil.) doi:	value (mil. dol.)
1970. 1975. 1980. 1983. 1984. 1985. 1985. prel.	1,037 1,837 3,648 5,129 5,863 6,679 1,7,626	1,873 1,913 2,145 2,387 2,454 2,754 1 2,979	813 1,367 2,667 3,627 3,742 4,064 1 4,813	225 270 962 1,502 2,141 2,614 1 2,813	118 305 1,006 1,021 949 1,064	140 218 574 602 574 648 1 735	94 267 904 908 842 1,010	24 37 102 1114 108 73 65

<sup>1</sup> Record.

NO. 1149. SELECTED FISHERY PRODUCTS—IMPORTS AND EXPORTS: 1983 TO 1986 [Includes Puerto Rico. See Historical Statistics, Colonial Times to 1970, series L 312-316, for selected imports]

		QUANTITY	(mil. lb.)	)		VALUE (	mil. dol.)		Book of these series
PRODUCT	1963	1504	1986	1980, prel.	1983	1504	1680	1980, prel.	Rank of three major foreign sources, 1996
IMPORTS									
Edible 1	2,300.8	2,454.3	2.754.0	2,978.9	3.626.7	3,742.3	40643	4.913.5	(x)
Fresh or frozen 1	2,051.5	2,057.1	2,229.0	2,423.7	3,211.9	3,261.3	3,461.6	4,150.0	l (x)
Heilbut *	6.1	8.1	12.8	11.3	11.2	13.7	22.1	25.2	Canada, Japan, Norway
Selmon *	14.4	21.1	27.0	40.5	33.4	56.5	75.6	100.7	Norway, Canada, Chile
Tune	505.2	404.2	478.6	563.8	240.0	215.9	266.3	298.8	South Korea, Seychelles, Venezuels
Groundfieh fillets, blocks *	682.6	624.0	639.6	651.0	706.0	631.1	655.3	790.6	Cenede, losiend, Denmerk
Other fillets and steaks	141.5	165.7	231.0	251.4	168.0	238.3	333.7	416.1	(x)
Scallops (meats)	34.3	27.3	42.0	47.9	158.7	117.3	147.1	192.6	Canada, Japan, Peru
Lobster, American and		1	10.10						
spiny	63.8	73.4	77.4	79.3	364.0	435.7	464.9	464.9	
Shrimp and prawn	328.3	328.9	342.8	384.3	1,198.0	1,189.9	1,120.7	1,404.9	Mexico, Ecuador, Chine: Taiwan
Canned 1	257.6	316.4	414.4	438.8	330.4	372.9	465.8	500.4	(x)
Anchovies, in oil	3.8	4.9	5.0	5.6	8.1	10.9	11.3	16.5	
Salmon	.3	.1	1.9	4.6	1.5	.1	5.8	13.2	W. Germany, Canada, Japan
Serdines, in oil	17.2	17.5	23.0	22.9	21.2	23.4	27.0	28.5	
Sardines and herring 4		31.5	39.8	36.0	21.5	24.8	30.3	30.4	Peru, Canada, Iceland
Tune	122.3	162.3	213.9	236.6	137.3	167.3	209.1	228.6	
Crab meet	6.5	6.2	7.6	8.8	20.6	20.0	21.9	24.0	Philippines Thellend, Maleysia, Venezuele
Oysters	21.6	23.0	28.9	32.1	24.8	26.2	30.2	32.3	Hong Kong, South Kore
Pickled or salted	60.9	61.1	57.1	61.4	56.1	55.5	53.4	62.2	(x)
pollock, cusk	37.7	38.0	34.7	36.9	42.9	42.3	41.2	49.5	
Nonedible scrap and meel	135.9	106.9	510.7	370.0	21,8	26.5	61.7	47.2	
EXPORT8									
Cenned salmon	54.5	49.0	48.2	59.4	97.0	66.8	83.1	101.2	(%)
Fish oil, nonedible	404.1	300.4	279.1	192.2	-	71.0	22.3	20.8	(xx)

X. Not applicable. Includes products not shown separately. Excludes fillets. Includes cod, cuel, haddock, hale, ollock, Atlantic ocean perch, and whiting. I Not in oil.

Source of tables 1148 and 1149: U.S. National Oceanic and Atmospheric Administration, National Marine Flaheries Service //Bihary Statistics of the United States, annual; and Flaheries of the United States, annual. Compiled from U.S. Bureau of the Census date.



Section 25

# Mining and Mineral Products

This section presents data relating to mineral industries and their products, general summary neasures of production and employment, and more detailed data on production, prices, imports and exports, consumption, and distribution for specific industries and products. Data on mining and nineral products may also be found in sections 27 and 31 of this *Abstract*; data on mining employment may be found in section 13.

"Mining" comprises the extraction of minerals occurring naturally (coal, ores, crude petroleum, atural gas) and quarrying, well operation, milling, refining and processing and other preparation astomarily done at the mine or well site or as a part of extraction activity. (Mineral preparation ants are usually operated together with mines or quarries.) Exploration for minerals is included as the development of mineral properties.

The principal governmental sources of these data are the three-volume *Minerals Yearbook*, publied by the Bureau of Mines, Department of the Interior, and various monthly and annual publicains of the Energy Information Administration, Department of Energy. See text, section 19 for list Department of Energy publications. In addition, the Bureau of the Census conducts a census of neral industries every 5 years. Non-government sources include the *Annual Statistical Report* of 9 American Iron and Steel Institute, Washington, DC; *Metals Week* and the monthly *Engineering of Mining Journal*, issued by the McGraw-Hill Publishing Co., New York, NY; *The Iron Age*, issued by the Chilton Co., Philadelphia, PA; and the *Joint Association Survey of the U.S. Oil and is Industry*, conducted jointly by the American Petroleum Institute, Independent Petroleum Assortion of America, and Mid-Continent Oil and Gas Association.

Mineral statistics, with principal emphasis on commodity detail, have been collected by the Geoical Survey or by the Bureau of Mines since 1880. Current data in Bureau of Mines publications lude quantity and value of nonfuel minerals produced, sold or used by producers, or shipped; antity of minerals stocked; crude materials treated and prepared minerals recovered; and connption of mineral raw materials. The U.S. Mine Safety and Health Administration also collects publishes data on workhours, employment, accidents, and injuries in the mineral industries, apt petroleum and natural gas. In October 1977, mineral fuel data collection activities of the reau of Mines were transferred to the Energy Information Administration.

'ensuses of mineral industries have been conducted by the Bureau of the Census at various rivals since 1840. Beginning with the 1967 census, legislation provides for a census to be conted every fifth year for years ending in "2" and "7." The censuses provide, for the various types mineral establishments, information on operating costs, capital expenditures, labor, equipment, energy requirements in relation to their value of shipments and other receipts. Commodity stacs on many manufactured mineral products are also collected by the Bureau at monthly, quarry, or annual intervals and issued in its *Current Industrial Reports* series.

general, figures shown in the individual commodity tables include data for outlying areas, and therefore not agree with summary table 1154. Except for crude petroleum and refined prodite export and import figures include foreign trade passing through the customs districts of ed States and Puerto Rico, but exclude shipments between U.S. territories and the customs icts.

istorical statistics.—Tabular headnotes provide cross-references, where applicable, to *Histori-Statistics of the United States, Colonial Times to 1970.* See Appendix IV.

atistics for States and metropolitan statistical areas (MSAs),—Data for States and MSAs also be found in State and Metropolitan Area Data Book 1986. For cross-references, see Ap-lix V.

# Mining and Mineral Products

### NO. 1150, SUMMARY OF MINERAL OPERATIONS: 1958 TO 1982

[Represents mineral operations only, Beginning 1967, excludes single unit establishments without paid employees. See also Historical Statistics, Colonial Times to 1970, series M 1-11]

ITEM	Unit	1966	1963	1967	1972	1977	1902
Establishments <sup>1</sup> With 20 or more employees <sup>1</sup> Including all operations in manufactures <sup>1</sup> Excluding oil and gas extraction.	Number	6,045 37,966	36,651 5,499 40,532 19,290	26,579 5,662 29,666 13,330	25,269 5,312 26,178 11,680	31,369 6,632 31,967 13,520	73,005 10,272 73,340 12,838
Employees, total Production workers * All other Worker-hours, production workers * Worker-hours, production workers Payroll, total Wages, production workers Seleries, all other employees	1,000 1,000 Million 1,000 Mil. dol	565 169 1,081 1.9 3,749 2,623	616 482 134 973 2.0 3,743 2,680 1,063	567 433 134 892 2.1 4,187 2,888 1,299	506 443 152 900 2.1 6,226 4,250 1,976	799 593 206 1,163 2.0 13,167 9,082 4,085	1,114 762 352 1,578 2.1 28,637 18,030 10,607
Cost of supplies, etc. 8	Mil. dol	7,521	6,974	10,576	14,884	46,079	109,697
Value added in mining  Metal mining  Cost mining  Oil and gas extraction  Nonmetallic minerals mining.	Mil. dol Mil. dol Mil. dol	1,180 1,780 9,033	15,910 1,416 1,727 11,020 1,745	19,330 1,557 2,061 13,394 2,268	26,471 2,362 3,754 17,612 2,723	68,013 3,504 11,266 48,587 4,656	188,056 3,215 18,631 159,837 6,273
Value of shipments and receipts <sup>4</sup>	Mil. dol Mil. dol	16,373 2,804	18,804 3,264	22,784 4,068	36,319 5,036	98,375 17,718	250,000 47,753

### No. 1151. GROSS NATIONAL PRODUCT IN MINING: 1970 TO 1986

[in billions of dollars, except percent. For definition of gross national product, see text, section 14. Based on 1972 Standard Industrial Classification]

INDUSTRY	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Total mining	18.7	41.3	46.0 2.6	50.2 2.5	56.5 2.5	<b>72.7</b> 2.9	107.3	143.7	132.1	118.4	119.4	118.2	95.1
Metal mining	1.5 3.0 12.2 1.9	1.6 9.1 27.4 3.2	2.0 9.2 31.5 3.3	1.9 9.6 34.9 3.8	2.2 10.2 39.6 4.4	3.3 11.4 53.1 4.8	3.8 12.9 84.9 5.6	3.9 13.8 120.8 5.2	2.3 15.1 110.2 4.5	2.5 14.3 96.4 5.1	2.2 14.6 96.4 6.2	2.3 14.4 95.3 6.2	2.6 13.6 73.1 5.9

Source: U.S. Bureau of Economic Analysis, The National Income and Product Accounts of the United States, 1989-82, and Survey of Current Business, July 1967 Issue.

# No. 1152. Mining and Primary Metal Production Indexes: 1970 to 1986

[1977 = 100. See also Historical Statistics, Colonial Times to 1970, series M 68-71]

INDUSTRY GROUP	1970	1974	1975	1976	1978	1979	1980	1981	1982	1983	1984	1985	1986
Mining	98.9	98.8	96.6	97.4	103.6	106.4	112.4	117.5	109.3	102.9	111.1	108.8	99.6
Coal		87.3	93.8	97.7	96.0	111.6	118.4	117.8	119.9	113.3	128.1	126.8	124.2
Antracite	165.5	112.4	105.7	105.4	85.8	82.0	102.5	92.2	78.0	70.0	70.6	66.6	65.9
Bituminous	87.1	87.0	93.7	97.6	96.1	112.0	118.6	118.0	120.3	113.8	128.7	127.4	124.5
Oil and gas extraction	100.2	99.6	97.3	95.6	104.5	104.2	111.5	117.8	110.9	102.8	109.1	106.2	94.7
Crude oil and natural gas		107.8	101.9	99.4	102.8		103.2	102.3	100.1	96.8	99.9	99.5	97.4
Oil and gas drilling		72.3	82.0	82.4	117.6	119,5	164.1	214.1	178.8	139.9	165.5	147.5	77.7
Metal mining	127.3	112.1	104.6	114.0	107.3	113.4	103.8	113.2	71.4	65.2	77.0	75.0	71.8
Iron ore	162.8	153.5	144.1	143.5	146.5	154.5	125.4	134.9	66.4	68.8	92.1	87.7	70.7
Nonferrous ores		99.4	92.5	105.0	90.6	95.9	94.6	104.0	73.5	63.7	70.6	69.6	72.7
Copper ore	112.9	105.6	92.9	105.8	98.5	104.8	85.2	110.9	82.6	75.9	78.6	79.4	B3.3
Lead and zinc ores		111.1	104.4	103.6	88.0	83.4	91.7	78.6	86.2	75.9	60.3	66.0	57.9
Primary metals, manufacturing	94.8	110.7	88.2	98.7	107.0	108.5	90.4	95.0	65.8	73.0	82.3	80.5	75.8
Nonferrous metals	82.9	103.6	81.0	93.5	106.1	109.6	98.3	99.7	81.4	86.2	99.3	99.7	99.0
Copper		109.4	95.7	107.8	106.5	114.5	88.6	106.4	77.3	80.1	90.2	92.1	92.4
Aluminum		108.0	85.5	93.4	105.8	110.7	112.7	109.1	79.6	81,4	99.3	84.9	73.8
Iron and steel	102.1	114.5	92.0	101.4	107.5	108.0	86.3	92.5	57.5	66.1	73.4	70.4	63.4

Source: Board of Governors of the Federal Reserve System, Federal Reserve Bulletin, monthly.

<sup>&</sup>lt;sup>2</sup> See footnote 5, table 1153.

<sup>\*</sup> Includes purchased machinery

Source: U.S. Bureau of the Ceneus, Ceneus of Mineral Industries, 1972, 1977 and 1982.

["N.e.c." means not eleawhere classified. See also Affatorical Statistics, Colonial Times to 1970, series M1-12]

		1972				1977							19	1982				H
		₽.	Value	Establishments	hments	All employees	oyees	Value	Establish- ments 4	lish-	All emp	employees	Produ	Production workers *	(ers t	Value	Value of ship-	Capita
MINERAL INDUSTRY	Establish- ments	employ- ees, payroll 1 (mil. dot.)	dolling.	Total	With 20 or more em- ployees	Num- ber 3 (1,000)	Pay-	라는 마이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이	Total	With 20 or more em- ployees	Num- ber 3 (1,000)	Pay.	Num Der (1,000,1)	Hours (mil- lions)	Wages (mil. dol.)	르투 BE	and and re- ceipts 7 (mil. dol.)	dol.)
All industries	25,269	6,226	26,471	31,359	6,632	799	13,167	68,013	73,005	10,272	1,114	28,637	762	1,578	18,030	188,056	250,000	47,753
Metal mining	1,014	883	2,382	1,206	328	98	1,485	_	1,515	326	68	1,860	47	8		$\overline{}$	5,287	1,161
Iron ores		218	702	26	19	62	372	_	78	9	22	340	7	13			1,414	8
Copper ores	181	38/	3000	2 8	5 5	3	104	_	100	200	27	604	90	30			1,551	42
Gold and silver ores	132	30	19	175	20	- 10	32	_	371	88	2	263	21	150		_	741	23.0
Gold ores and placers	181	25	47	126	00	00	96	_	286	65	000	188	100	9		_	521	20
Silver ores	5	0 4	24	200	N	NE.	30	_	200	2	D.E.	ea	NE	0.5			250	M -
Ferroallov ores, except vanadium	44	40	137	28	17	100	107	_	69	16	300	150	200	700			508	110
Metal mining services	172	3	54	270	45	0	25	_	394	22	0	19	CV (	4		_	125	2
Viscellaneous metal ores	263	71	180	375	90	4.	227	_	443	8	2.5	323	00 6	1			905	240
Anthracite	213	35	83	156	38	0	8	116	152	9	· en	67	900	Φ	28		287	38
Anthracite mining services	17	0	9	200	500			_	120	-	R	2	R	(2)		_	7	
Bituminous coal, iignite mining	3.191	1714	3,626	4.944	990				4.513	1,650	241	6.570	193	370		_	27 695	30
coal mining services, n.e.c.	174	29	90	331	80	_		_	492	88	1	166	9	=		_	565	58
Oil and gas extraction	14,498	2,525	17,612	18,447	3,128	-		_	60,511	6,814	685	17,693	25	838		_	207,091	42,216
Natural pas liquide	908	117	1010	8,573	200	_		_	703	236	707	8,084	102	24		_	41 010	34,28
Oil and gas field services.	6,209	1,033	2,172	9,182	1,938	-			32,160	4,584	406	9.207	320	701			31,112	6.804
Drilling oil and gas wells	1,907	422	881	2,625	840	_		_	10,123	1,810	166	4,007	139	586	-	_	13,798	4,206
Oll and gas exploration services	5036	699	4 070	7,252	900	_		_	4,228	388	46	900	89	200		_	2,960	39
Nonmetallic minerals mining	6.162	1.070	2,723	6.255	1.443	_		_	5.801	1.233	110	2.278	9	164	_	_	9.068	1.154
Dimension stone *	198	13	26	508	8	_		_	154	22	2	21	-	2	_	_	84	
Crushed and broken stone "	1,937	388	982	2,055	655	_		_	1,932	299	37	101	58	57	-	_	2,572	269
Clare and calabed minerals 8	2,929	322	900	2,807	930	_		_	2,758	243	8:	250	7 9	7 8		_	1,01	
Chemical and fertilizer minerals	204	203	583	205	112	24	372	1,433	196	114	58	681	9	38	395	2,237	3,135	519
Nonmetallic minerals, services	126	=:	8	176	33	_	-	_	222	18	ev e	32		0	-	_	5	-
Mecallanous a	450	44	128	240	87	-			4	23	4	00	4	9		-		127

Z Less than 500 or 500,000. I Gross semings paid to all employees on peyroll. \*\* Computed by subtracting cost of supplies, minerals received for properation, purchased hall and electric energy, contract work, and purchased concerns. \*\* Not comparable to prior years for the crude propriested concerns. \*\* Not comparable to prior years for the crude performance of microsporated concerns. \*\* Not comparable to prior years for the crude performance of microsporated concerns. \*\* Not comparable to prior years for working the working foreman level engaged in manual work. Includes development and exploration working. \*\* Excludes paid vorsitions, holdings, and sick leave, includes actual overtime hours (not straight-time equivalent). \*\* Represents value of informacy and secondary products of the informative documents of certification of contract, fee, or other basis. \*\* Excludes date for dimension stories classified in contunction with desselfs. \*\* Excludes date for mining included in actual classified in manufacturing industries. \*\* Excludes date for dimension stories operated in contunction with desselfs. \*\*

Source: U.S. Bureau of the Cenaus, Cenaus of Mineral Industriac: 1972, 1977, and 1982, final industry series reports

# No. 1154, MINERAL PRODUCTION AND VALUE, 1970 TO 1985.

[Data represent production as measured by mine shipments, mine sales, or marketable production

				PRODUC	TION QU	ANTITY			
	MINERAL.	Unit	1970	1983	1981	1968	1983	1984	199
,	Total mineral production	α	(×)	(20)	(×)	(×)	8	8	8
2	_ littneral fuels	00	60	(20)	(0)	(30)	20	00	6
3	Coet: Bituminous and lignite		•03 •03	(X) 824	818	834	-XX	882	87
5	Penneylvenia anthracite Natural gas (wet)	.  Mil. sh. ton	21.92	20.18	19.96	18.52	16.82	18.23	17.2
٠,				1					
3	Petroleum (crude)	Mil. bbl. 1	3,517 23.1	3,146 43.7	3,129 36.5	3,157 26.9	3,171 21.2	3,250 14.9	3,27
ı	Honmetallic minerals	(x)	3,066	(x) 631	2.501	(00)	1,101	1,290	1,15
	Abrasive stone * Ashasive Ashasive and related billumens (native) * Bertle Boron minerals Bromine	. Sh. ton	3,066 125	631	2,501 83	1,285 70	1,101	1,290	1,15
1	Asphalt and related bitumens (nether) 4	. 1,000 an. ton	1,961	1.252	1.261	(6)			
1	Bertie	. 1,000 sh. ton	854	2.245	2.849	(D) 1,845 1,264	(D) 754	(D) 775	73 1,26
1	Boron minerals	.  1,000 sh. ton	1,041	1,545	1,461	1,264	1,303	1,367	1,21   31
	Bromme	. Mil. 10	350	376	377	401	370		32
ı	Calcium chloride	. 1,000 sh. ton	633	581	705	617	(D)	836	(1
	Carbon dioxide, natural (estimate)   Cement: Portland	. Mil. cu. ft	1,110 73.2	1,626 71.6	1,577	2,068 81.1	67.2	74.4	74
i	Mesonry	I Mill sh ton	1 30	3.0	27	2.4	2.9	3.3	<b>'3</b>
	Clays	. Mil. sh. ton	54.9	46.8	44.4	35.3	40.9	43.7	46
1	Dialomite	. 1,000 sh. ton	598	889	697	613	619	627	6
	Fromor	.  1,000 an. 10n	726 269	710 93	115	815 77	710 61	710 72	7
ı	Gernet (abraeive)	1.000 sh. ton	18.8	26.9	25.5	27.3	29.8	29.6	36
	Gem stones (estimate)	(x)	(NA)	(NA)	(NA) 11.5	10.5	12.9	(NA) 14.3	0a 14
	Gypeum	. Mil. sh. ton	9.4		11.5	10.5	12.9	14.3	14
	Distortite Feldaper Fluoraper Gernst (abrasive) Gern stone (celimate) Gypsum Hellum *			1,458 19.0	1,398 18.9	1,246 14.1	1,290 14.9	1,642 15.9	1,90 15
İ	Magnesium compounds 7	. 1,000 sh. ton	708	(D)	(p) 133	(D)	618	(0)	19
ı	Mica: Scrap	. 1,000 sh. ton	119	116	133 757	106	140	161	13
i	Perite	. 1,000 sh. ton	526 458	788 036	591	788 506	725 474	814 498	S .
1	Perite Phosphate rock	Mil. sh. ton	38.7	80.0	58.1	41.2	46.9	54.2	Se
	Potash <sup>6</sup>	. 1,000 sh. ton	2,729	2,444	2,103	1,967	1,660	1,807	1,36
1	Purilice	. 1,000 sh. ton 1,000 lg. ton	3,036	543 834	490 734	416	449	502	50
ı	Pyrites. Selt (common)	Mil. sh. ton	459	40.4	36.9	37.9	(D) 34.6	(D) 30.2	38
١	Send and gravel	Mil. sh. ton	944 2,000	793	720	621	662	803	<b>8</b>
		.   1,000 sh. ton	2,669	(D)	(D)	(D)	(D)	(0)	•
	Sodium sulfate (natural)	. 1,000 sh. ton	802 889	583 982	808 874	(D)	423 803	436 967	1.00
	Sulfur: Franch mines (shipments)	1,000 lg. ton	6,504	7,283	5,817	3,541	4,046	4,922	4,8
	Talc, scepetone, pyrophylite	. 1,000 sh. ton	1,028	1,473	1,343	1,1 <b>3</b> 5	1,068	1,127	1,2
	Vermiculite	1,600 sh. ton	285	337	320	316	282	315	3
-	Vermiculite		🗯	(x)	(20)	∞	(%)	(X)	Ĭ
Į	Metals	-   22	1,130	(X)	(X)	503	838	557	9
	Baudie (dried)	1,000 lg. ton 18	2,082	1,534	1,498	720	886	842	3
	Copper 2	1000	1 720	1,302	1,896	1,264	1,144	1,215	1,21
	lenn ora unable 14	1,000 fine oz	1,743	970	1,379	1,466	2,003	2,085	2,4
	Gold 3 Iron ore, usable 14 Lead 3	1,000 sh. ton	572	607	491	565	496	355 356	4
	Mengenilerous ore 16	1,000 sh. ton 15	368	174	175	32	34	86	
	Mohbdenum 17	/5 ID. TRESK	27,298 110	30,657 149	27,904 119	25,780 76	25,070 46	19,048	16,51
	Molybaenum 17 Nickel 19	Mil. Ib 1,000 sh. ton	15.9	14.7	12.1	3.2	-	14.5	
	Silver *	Mil. fine oz	45.0	32.3	40.7	40.2	43.4	44.8	30
	Titanium concentrate: Ilmenite *	1 000 Pt 18		594 6.036	524 7.815	233 3,473	(D) 2.240	(D) 2.586	210
ĺ	Venedium <sup>2</sup> Zinc mine production <sup>2</sup> Metals, undistributed <sup>10</sup>	1,000 lb. 19 Sh. ton	5,319	4.606	5,126	4,098 334	2,171	1,617	215
ı	Zinc mine production *	. 1,000 sh. ton (X)	534	350	344	334	303 (X)	279 (x)	2

Represents zero. D Withheld to avoid disclosing individual company data. NA Not available. X Not applica
142 gal. bbl. \*\*Recoverable content of ones, etc. \*\*Grindstones, pulpetones, milistones, grinding pebbles, sharpening etc. \*\*Contains bituminous timestone and sandstone, and gloonits. \*Value included in "Nonvestalic arise, undestrobused." \*\*1970-1981, crude and refined, 1962-1985, efficed only. \*\*Thron see water and brines, except for als (M<sub>2</sub>O equily.).

KO equilibrient; represents sales by producers. \*\*Excludes abreative stone, bituminous timestone and sandstone, and ground petone, all included elsewhere in table. Includes calcarsous marl and state.

# AND PRINCIPAL PRODUCING STATES, 1985

[including consumption by producers). See Historical Statistics, Colonial Times to 1970, series M 13-37 for selected values]

		PRODU	CTION VALUE	(mil. dol.)			Principal producing States ranked by	
1970	1980	1981	1982	1983	1984	1985	quantity, 1985	1
28,369.7	146,750.0	187,187.0	179,062.0	168,868.0	179,191.1	166,808.6	(x)	1
18,800.0 3,770.0 110.0 3,730.0	121,616.0 20,200.0 260.0 32,090.0	161,899.0 21,510.0 240.0 39,510.0	159,395.0 22,620.0 230.0 45,560.0	147,748.0 20,110.0 210.0 43,570.0	156,030.1 22,749.8 202.5 48,491.8	143,575.6 22,050.0 190.0 42,580.0	(x) KY, WY, WV, PA, IL PA, TX, LA, OK, NM.	100
1,190.0 (NA)	67,930.0 1,136.0	99,400.0	90,030.0 955.0	83,050.0 808.0	84,100.0 486.0	78,400.0 355.6	TX, AK, LA, CA. WY, NM, TX.	1
5,791.2 .6 10.7 8.9 12.8 86.8 60.6	16,213.0 1.9 30.6 25.0 66.0 366.8 95.4	16,446.0 1.1 30.7 27.7 102.4 435.4 90.2	14,150.0 .6 24.9 (D) 69.5 384.6 102.6	15,263.0 .5 27.9 (*) 29.2 439.2 91.0	17,157.0 .6 24.2 (°) 25.4 456.7 95.0	17,612.0 .5 20.5 (°) 21.5 404.8 80.0	(X) AR, WI, OH. CA and VT. TX and UT. NV, GA, MO, MT. CAR and MI.	1
15.2	47.9 2.6	61.7 2.6	61.5 3.4	(6)	93.0	(5)	MI, CA, WA.	1
1,268.7 67.5 267.9 32.6 9.6 13.9 1.9 2.4 35.1 64.2 286.2	3,613.3 188.5 898.9 100.6 23.2 12.6 1.9 6.9 103.1 30.2 842.9	3,515.6 161.8 988.8 113.0 21.0 18.4 2.1 7.6 98.1 33.9 884.2	3,084.4 145.2 825.1 107.6 20.3 13.3 2.3 7.2 89.1 42.4 696.2	3,315.7 186.2 931.1 114.3 22.5 10.0 2.5 7.4 101.4 45.5 757.6	3,810.4 219.9 1,032.1 120.9 23.5 (°) 2.5 7.5 113.7 61.6 811.2	3,817.3 213.1 1,011.4 127.0 22.8 (*) 3.0 7.4 114.2 69.9 809.0	TX, CA, PA, MI.  GA, TX, NC, WY. CA, NV, WA, OR, NC, CT, GA, CA. IL, NV, TX. ID, ME, NY. (X) TX, MI, IA, OK. KS, TX, NM. OH, KY, MD, PA.	112222222222222222222222222222222222222
62.4 2.5 6.0 4.9 203.2 98.1	(6) 6.3 16.2 16.5 1,256.9 353.9	(5) 8.2 18.8 17.5 1,438.0 328.9	(*) 6.4 16.9 16.0 950.3 265.6	182.5 6.5 18.7 15.7 1,021.1 220.8	(5) 7.1 19.9 16.6 1,182.2 241.8	(5) 6.3 21.9 17.2 1,203.3 178.4	MI, CA, UT, DE, NC, NM, SC, GA, MI, FL, IN, IL. NM, CA, AZ, NV. FL, NC, ID, TN. NM, UT, CA.	20 50 50 50 50 50
4,7 (°) 304.8 ,115.7 56.3	4,3 13.8 656.2 2,289.0 (*)	4.3 49.2 637.6 2,260.3 (a)	3.8 41.9 671.4 1,997.8 (a)	4.5 (*) 597.1 2,270.2 (*)	4.9 (*) 675.1 2,621.2 (*)	4.6 (°) 741.8 2,812.1 (°)	OR, NM, CA, ID. TN, CO, AZ. LA, TX, NY, OH. CA, TX, MI, AZ. WY and CA.	40.60.60.60
10.9 474.9 151.8	36.4 3,393.5 720.5	43.2 3,275.4 715.7	3,056.0 434.7	39.4 3,474.8 414.2	40.1 3,910.5 546.1	35.9 4,224.7 573.6	CA, TX, UT. TX, FL, PA, GA. TX and LA.	134
7.8 .5 6.5 34.4	25.6 .7 23.5 941.2	31.5 .6 26.2 994.1	20.7 .7 28.5 959.3	20.3 .7 27.2 867.5	23.2 .7 31.5 937.9	29.2 (*) 32.4 1,007.9	MT, TX, VT, NY: IL and OK, MT, SC, VA. (x)	4444
778.5 (12) 30.1	8,921.0 (18) 22.4	8,842.0 (12) 26.5	5,517.0 (18) 12.3	5,857.0 (12) 11.3	6,004.0 (12) 15.6	5,621.0 (12) 12.9	(X) ID. AR and AL.	1
184.5 63.4 141.7 78.6	2,666.9 594.1 2,543.5 515.2	2,886.4 633.9 2,914.7 358.8	1,840.9 551.0 1,491.7 288.6	1,751.5 849.1 1,938.5 214.7	1,625.1 751.8 (12) 181.7	1,632.5 786.3 (1°) 174.0	AZ, NM, UT, MT. NV, SD, CA, MT. MN, MI, MO, TX. MO, ID, CO, NY.	Chelling h.
(12) 11.1 90.1 (12) 79.7	2.4 11.9 1,344.2 (18) 667.3	2.9 11.5 945.5 ( <sup>12</sup> ) 427.9	.3 (12) 504.1 (12) 320.0	(1 <sup>2</sup> ) 166.6 496.9	.9 (12) 326.8 (12) 363.0	(12) (12) 347.8 (12) 241.7	SC. NV. CO, AZ, ID, NM. OR. ID, NV, AZ, MT.	Ch Ch Ch Ch Ch
18.6	32.0	37.0	19.1	(1.2)	(11)	(13)	FL	5
23.8 34.9 63.7 58.4	50.6 64.4 261.7 144.8	62.2 71.5 306.9 156.2	22.1 52.6 257.1 157.6	10.5 30.7 251.2 135.6	13.4 24.6 270.8 2,430.4	9.1 (12) 201.6 2,214.9	CA and CO. ID and AR. TN, MO, NY, NJ. (X)	566

Comprises value of Items that cannot be disclosed.

Dried equivalent.

19 Represents shipments; beginning 1976, includes byproduct ores.

19 Gross weight.

19 Gross weight.

19 Tungsten content.

19 Tungsten content.

19 Tungsten content.

19 Tungsten content.

19 Tungsten content.

19 Tungsten content.

19 Tungsten content.

# Mining and Mineral Products

No. 1155. MINERAL INDUSTRIES-STATES: 1972 TO 1982

[Represents establishments classified in the mineral industries only. Excludes data for stone, send and gravet, clay and gypsum mines operated as parts of manufacturing establishments. See headnote, table 1153. For composition of regions, see fig. I, inside front cover]

	1972	2	1977				1982		
		Value		Value	Estat	olishments	All em	ployees	Value
REGION, DIVISION, AND STATE	All employees (1,000)	added in min- ing (mil. dol.)	All employees (1,000)	added in min- ing (mil. dol.)	Total	With 20 employees or more	Num- ber (1,000)	Payroll (mil. dol.)	added in mining (mil. dol.)
United States 1	595.1	26,471	798.8	68,013	73,005	10,272	1,114.0	28,637	188,056
Region:		100		2.1	078	100	Tat.	11,026	100
Region: Northeast	56.7	1,155	65.6	2,576	3,004	550	63.6	1,606	3,63
Midwest	97.6 320.3	17,117	117.1 449.3	6,545 45,061	12,583	1,151 6,591	135.3 681.3	3,405 17,105	14,35
West	120.4	5,215	163.6	13,588	11,760	1,938	228.4	6,367	48,02
New England	3.8	76	3.8	99	336	55	4.4	119	16
New England	.3	6	.3	5	28	1	.1	2	-
New Hampshire	.2	6	.2	8	28	.3	.3	7	1
Vermont Massachusetts	1.5	14 28	1.3	25 32	118	12	1.1	15 25	36
Rhode Island	3	4	1.3	5	20	2	.2	3	3
Connecticut	.7	18	1.2	24	96	24	1.9	68	4
Aiddle Atlantic	52.9	1,079	61.8	2,477	2,668	495	59.2	1,487	3,47
New York	7.7	154	7.1	218	598	70	7.8	205	415
New York New Jersey Pennsylvania	3.3	78	3.0	93	165	40	3.4	102	120
Pennsylvania	41.9	847	51.7	2,166	1,905	385	48.0	1,180	2,937
ast North Central	60.8	1,592	75.7	3,762	5,738	667	83.1	2,137	7,675
Ohio Indiana	20.1	465	27.6	1,181	2,196	255	28.9	708	2,325
Illinois	6.3 20.5	211	8.4 25.8	1,163	1,682	199	10,3	269 845	2.544
Michigan	11.4	546 306	11.3	939	941	91	10.7	277	1,935
Wisconsin	2.5	64	2.6	87	941 208	24	1.9	38	86
West North Central	36.8	1,391	41.4	2,783	6,845	484	52.2	1,268	6,677
Minnesota	11.7	498	11.5	699	170	35	9.2	248	596
lowa	2.5	53	2.9	88	216	26	9.2 2.1	38	104
Missouri	8.9	218 84	8.1 2.5	396 325	1,037	103	7.9	198 226	418
North Dakota	1.5	32	2.5	68	1,037	103	8.5 2.3	50	1,999
Nebraska	1.5	40	1.8	73	434	24	2.3	47	246
Kansas	8,9	466	12.2	1,134	4,451	222	19.9	461	3,196
South Atlantic	92.4	2,174	117.6	5,406	4,039	1,049	113.9	2,727	8,987
Delaware	1	1	2,84729	1	1 34	3	2	6	
District of Columbia	2.2	58	2.3	79	1 141	30	2.6	59	167
MarylandVirginia	16.8	360	23.2	1,016	916	279	24.4	533	1,467
West Virginia	53.0	1.195	69.6	2,820	2 104	502	63.1	1,680	4.790
North Carolina	3,3	71 34	3.7	111	179	60	4.0	68	196
South Carolina	1.5	34	1.5	47	79	26	1.5	24	72
North Carolina South Carolina Georgia Florida	6.6 9.0	158 298	7.4 9.9	1,039	210 376	73 76	7.6 10.5	142 216	1,860
East South Central		1000	1	500	16.69	100	10000	37.5	100
Kentucky	51.9 30.2	1,428 780	77.0 47.8	4,187 2,515	4,664 2,139	877 530	88.7 54.2	2,146 1,372	8,385 4,142
Tennessee	7.3	152	9.1	378	555	117	9.0	186	409
Alabama	8.8	264	14.1	787	596	115	15.9	375	1,980
Mississippi	5.6	232	6.0	507	1,374	115	9.6	213	1,766
West South Central	176.0	13,515	254.7	35,468	36,874	4,665	478.7	12,232	101,859
Arkansas	3.7	142	4.7	395	862	58	5.4	115	1,015
Oktahoma	49.6 26.9	5,529 1,133	63.1 43.5	11,981	5,606 9,144	1,065	102.4	2,694 2,667	13,274
Texas	95.8	6,711	143.4	19,674	21,262	2,568	266.8	6,756	54,453
fountain	85.3	3,367	119.9	8,668	8,858	1,315	158.9	4,269	21,859
Montana	5.6	169	5.9	560	1,148	87	8.5	214	1,695
Idaho	2.8	51	5.9 3.3	144	191	30	3.1	87	1,695
Wyoming	11.5	679	22.7	2,282	2,101	323	34.2	1,320	6,859
Colorado	13.5 16.2	409 958	22.7 23.5	1,179	1,581	399 248	45.8 26.6	1,320	7,127
Arizona	21.1	625	21.0	751	291	54	16.6	427	748
Utah	11.4	372	16.7	911	788	121	17.5	467	1,665
Nevada	3.2	104	4.1	152	334	53	6.6	155	468
Pacific	35.1	1,848	43.7	4,920	2,902	623	69.5	2,099	26,169
Washington	1.9	46	2.0	85	242	21	2.8	67	162
OregonCalifornia	1.3	1,401	1.3	3,552	216	19 491	1.8 51.3	1,466	11,844
The state of the communication of the state		354	5.5	1,216	236	88	13.4	525	14,093
Alaska	2.6	304							

Includes offshore areas not associated with a State.

Source: U.S. Bureau of the Ceneus, Ceneus of Mineral Industries, 1977, General Summary, MIC 77-SR-1 and 1982 final peopraphic area series.

# ISS. MINERAL PRODUCTION—VALUE, 1980 TO 1985, AND PRINCIPAL MINERALS IN ORDER OF VALUE, 1985, BY STATE

lene of dollars. Data for States may not add to total because State and U.S. totals were independently derived. For composition of regions, see fig. inside front cover]

VISION, AND	1000	Sec. 1	1.000	1.75				1985
TE AND	1980	1982	1983	1984	Total	Fuels	Non- fuels	Principal minerals in order of value
	146,750	179,062	168,868	179,191	166,809	143,755	23,232	Petroleum, natural gas (wet), coal.
L	4,710 16,286 78,072 39,262	4,697 16,877 109,004 47,339	4,476 17,128 (D) (D)	5,131 18,842 (D) (D)	5,007 17,667 (D) (D)	3,043 11,660 (D)	1,964 6,007 7,975 7,270	(x) (x) (x) (x)
	268 37 25 43 91 6	258 35 23 50 89 5	262 26 19 42 96 8 71	305 38 23 45 107 12 80	325 41 33 50 117 12 72		325 41 33 50 117 12 72	(x) Sand and gravel, cement, stone. Sand and gravel, stone, clays. Stone, sand and gravel, talc. Stone, sand and gravel, lime. Stone, sand and gravel, gem stones Stone, sand and gravel, gem stones
	4,442 557 149 3,736	4,441 589 132 3,720	4,214 603 155 3,456	4,826 736 156 3,934	4,682 790 178 3,714	3,043 133 2,910	1,639 657 178 804	(x) Stone, cement, salt. Stone, sand and gravel, zinc. Coal, natural gas, stone.
	9,005 2,390 1,106 2,770 2,587 152	9,268 2,444 1,174 3,009 2,529 112	9,145 2,511 1,187 2,929 2,417 101	10,423 2,867 1,391 3,212 2,824 129	9,836 2,746 1,327 3,101 2,537 125	6,993 2,139 1,024 2,641 1,189	2,843 607 303 460 1,348 125	(x) Coal, natural gas, petroleum. Coal, petroleum, cement. Coal, petroleum, stone, Petroleum, iron ore, natural gas. Sand and gravel, stone, lime.
	7,281 1,782 265 1,172 801 250 272 2,740	7,609 1,110 231 877 1,807 180 293 3,111	7,983 1,455 257 866 1,842 261 283 3,019	8,425 1,676 266 906 1,887 244 285 3,161	7,831 1,548 243 893 1,700 254 283 2,910	4,667 158 1,676 47 183 2,588	3,164 1,548 228 735 24 207 100 322	(x) Iron ore, sand and gravel, stone. Stone, cement, sand and gravel. Cement, stone, lead. Petroleum, coal, natural gas. Gold, petroleum, cement. Petroleum, orangement, sand and gravel Petroleum, natural gas, cement.
	10,528	10,718	(D) 3	(o) 3	10,580	6,618	3,962	(x) Magnesium compounds, sand and
	293 1,708 4,860 380 195 771 2,317	294 1,640 5,490 299 195 718 2,079	285 1,405 4,677 399 231 (D) 1,704	356 1,614 5,157 451 276 (D) 1,990	338 1,649 5,005 433 276 946 1,929	80 1,268 4,900	258 381 105 433 276 946 1,559	gravel, greensand. Stone, cerment, coal. Coal, stone, cerment. Coal, natural gas, petroleum. Stone, phosphate, lithium. Cerment, stone, clays. Clays, stone, cerment. Phosphate, petroleum, stone.
	8,316 4,498 674 1,994 1,150	9,692 5,029 638 2,338 1,687	8,759 4,310 639 2,306 1,504	9,790 4,991 734 2,531 1,534	9,486 4,880 715 2,550 1,341	8,237 4,612 243 2,144 1,238	1,249 268 472 406 103	(X) Coal, petroleum, natural gas. Coal, stone, zinc. Coal, petroleum, natural gas. Petroleum, natural gas, sand and gravel.
	59,228 787 16,396 7,336 34,710	88,594 1,089 31,364 10,762 45,379	(D) (D) 29,063 9,942 42,515	(D) (D) 31,715 10,693 43,418	(D) (D) (D) (D) 9,361 40,178	(D) (D) (D) 9,109 38,445	2,764 257 522 252 1,733	(x) Natural gas, petroleum, bromine. Petroleum, natural gas, sulfur. Natural gas, petroleum, coal. Petroleum, natural gas, cement.
	18,862 1,331 522 5,133 2,544 4,789 2,476 1,661 408	(p) 1,732 300 6,885 2,676 5,517 (p) 2,090 547	(0) 1,671 415 6,677 2,117 5,487 (D) 2,035 629	(D) 1,650 412 7,143 2,255 5,924 (D) 2,134 685	(D) 1,517 348 6,572 2,125 5,650 (D) 1,943 710	(D) 1,317 6,020 1,717 4,993 (D) 1,631 79	4,658 200 348 552 408 657 1,550 312 631	(x) Petroleum, coal, natural gas. Silver, phosphate, molybdenum. Petroleum, coal, natural gas. Petroleum, natural gas, coal. Natural gas, petroleum, coal. Copper, sand and gravel, cement. Petroleum, coal, natural gas. Gold, petroleum, dialomite.
	20,400 207 152 10,483 9,498	(D) (D) 108 12,626 (D)	(D) (D) 111 11,979 (O)	(D) (D) 128 12,907 (D)	(D) (D) 140 (D) (D)	(D) (D) 10 (D) (D)	2,612 244 130 2,095 90	(x) Cement, sand and gravel, gold. Stone, sand and gravel, cement. Petroleum, natural gas, cement. Petroleum, natural gas, sand and gravel.
***************************************	60	47	52	51	53	-	53	Stone, cement, sand and gravel.

seents zero. D Withheld to avoid declosing individual company data. X Not applicable.

U.S. Bureau of the Census. Compiled from data from U.S. Bureau of Mines and U.S. Energy Information Administration.

NO. 1157. MINERAL INDUSTRIES—GROSS ASSETS AND CAPITAL EXPENDITURES: 1972 TO 1982
[In millione of dollars]

	END OF	YEAR GR	OSS VALL	E OF DEP	RECIABLE	CAPITAL EXPENDITURES						
INDUSTRY AND YEAR	Total 1	Build- ings and other struc- tures	Me- chinery and equip- ment	Mineral explora- tion and develop- ment <sup>1</sup>	Mineral land and rights <sup>1</sup>	Total *	New build- ings and other struc- tures	New me- chinery and equip- ment	Used build- ings and other struc- tures	Used ma- chinery and equip- ment	Mineral explora- tion and develop- ment <sup>3</sup>	
Mineral industries: <sup>3</sup> 1972	21,600 44,664 94,813	4,244 6,096 10,228	15,038 33,068 73,419	(°) 2,625 5,036	4 2,409 2,871 5,930	2,802 6,802 13,472	317 785 1,229	1,407 5,068 10,561	(º) 30 78	128 399 937	230 520 677	
1972 1977 1982	47,500 94,414 233,052	333	333			2,954 10,918 34,281	403 571 1,967	842 2,288 5,550	(°) 14 20	1 44 93 215	1,866 7,866 26,529	

NA Not evallable. 
1 Excludes data for mineral exploration and development, and mineral land and rights portions for mining service industries and natural gas liquids industry.
2 Excludes data for mineral exploration and development portion for mining service industries and natural gas liquids industry.
3 Excludes crude petroleum and natural gas.
4 Not collected separately. Data for mineral exploration and development are combined with mineral land and rights. Data for used buildings and other structures are combined with used machinery and equipment.

Source: U.S. Bureau of the Census, Census of Mineral Industries, 1982.

# No. 1158. MINERAL INDUSTRIES-EMPLOYMENT, HOURS, AND EARNINGS: 1983 TO 1986

ITEM	Unit	1983	1984	1985	1986	ITEM	Unit	1983	1984	1985	1986
All mining: All employees	1.000	952	966	927	783	Oil and gas extraction—		111			
Production workers		673	686	658	550	Production workers-Con.					
Avg. weekly hours	No	42.5	43.3	43.4	42.2	Metal mining:		1111			
Avg. weekly earnings	Dol	479	504	520	525	All employees	1,000	56	55	46	41
Coal mining:	4	100	1	1.5	3.54	Production workers	1,000	41	40	34	31
All employees	1,000	194	196	187	176	Average weekly hours	No	39.3	40.5	40.9	41.1
Production workers	1,000	156	158	153	144	Avg. weekly earnings	Dol	494	529	547	543
Average weekly hours	No	40.0	40.8	41.3	40.B	Nonmetallic minerals,	-	1	1	1000	100
Avg. weekly earnings	Dol	548	603	626	625	except fuels:	1000	100	1	1000	
Oil and gas extraction:	100	17.00	1707	100	2.00	All employees	1,000	104	109	110	109
All employees	1,000	598	607	583	457	Production workers	1,000		63	84	83
Production workers	1,000	398	405	387	293	Average weekly hours	No	43.6	44.7	44.5	44.4
Average weekly hours			44.4	44.2	42.6	Avg. weekly earnings	Dol	406	441	453	461
Avg. weekly earnings	Dol	465	476	489	494		-				-

Source U.S. Bureau of Labor Statistics, Employment and Earnings, United States 1909–1984, and Supplement to Employment and Earnings, Revised Establishment Data, July 1967.

# No. 1159. SELECTED MINERAL PRODUCTS-AVERAGE PRICES: 1970 TO 1986

[Excludes Alaska and Hawell, except as noted. See *Historical Statistics, Colonial Times to 1970*, series M 96, M 139, M 209, M 248, and M 262, for bituminous coal, crude petroleum, iron ore, lead, and aluminum, respectively]

YEAR	Tan- talum (dol. per lb.) <sup>1</sup>	Copper, electro- lytic <sup>a</sup> (cents per lb.)	Pleti- num s (dot./ troy oz.)	Gold (dol./ fine oz.)	Silver (dol./ fine oz.)	Lead <sup>4</sup> (cents per ib.)	Tin (New York) s (cents per lb.)	Zinc <sup>6</sup> (cents per b.)	Sulfur, crude <sup>†</sup> (dol./ long ton)	Bitumi- nous coal * (dol./ short ton)	Crude petro- leum <sup>a</sup> (dol./ bbl.)	Netural gas 4 (dol/ thous. cu. ft.)
1970	9.15	58.2	133	36	1.77	15.7	174.2	15.3	22.77	6.26	3.18	.17
1975	18.32	64.2	164	161	4.42	21.5	339.8	39.0	44.91	19.23	7.87	.45
1976	20.31	69.8	162	125	4.35	23.1	379.8	37.1	45.72	19.43	8.19	.58
1977	25.64	66.8	162	146	4.62	30.7	534.6	34.4	44.36	19.82	8.57	.79
1978	34.19	66.5	237	194	5.40	33.7	629.6	31.0	• 45.17	21.76	9.00	.91
1979	80,00	93.3	352	308	11.09	52.6	753.9	37.3	• 55.75	23.65	12.64	1.18
1980		101.3	439	613	20.63	42.5	846.0	37.4	* 89.06	24.52	21.59	1.50
1961		64.2	475	460	10.52	36.5	733.0	44.6	9 111.46	26.29	31.77	1.90
1982	40.91	72.8	475	376	7.95	25.5	654.0	38.5	• 108.27	27.14	28.52	2.46
1963		78.5	475	424	11.44	21.7	655.0	41.4	• 87.24	25.85	26.19	2.50
1984		66.8	475	361	8.14	25.8	623.8	48.6	94.31	25.51	25.88	2.66
1965		67.0	475	318	6.14	19.1	595.9	40.4	9 106.46	25.10	24.09	2.51
1986, prel	19.00	66.1	519	368	5.47	22.1	369.9	38.0	• 105.22	24.50	12.88	1.87

NA Not available. 
<sup>1</sup> Dollars per pound of tantalum content.

<sup>2</sup> Domestic market.

<sup>3</sup> Average annual producer prices.

<sup>4</sup> 1970, New York prices: beginning 1975, nationwide delivered basis.

<sup>5</sup> Straits in through 1975; thereafter, composite price.

<sup>6</sup> Prime western. Beginning 1975, delivered price.

<sup>7</sup> F.O.B. works.

<sup>8</sup> Average value at the point of production. Source:

U.S. Energy Information Administration, Annual Energy Preview.

<sup>9</sup> Per metric ton.

Source: Except as noted, U.S. Bureau of Mines, Mineral Facts and Problems, 1980 edition, and Mineral Commodity Summaries, annual.

160. PRINCIPAL FUELS, NONMETALS, AND METALS—U.S. PRODUCTION AS PERCENT OF WORLD PRODUCTION: 1970 TO 1985

		HOIL	D PHO	DUCTIO	M.			PERCENT U.S. OF WORLD					
MINERAL	Unit	1970	1980	1982	1983	1984	1985, prel.	1970	1980	1982	1983	1984	1985 prei.
	Bil. sh. ton	3.3	4.2	4.4	4.4	4.6	4.8	18	20	19	18	19	11
um (crude)	Bil. bbl		21.8	19.4	19.3	19.7	19.3	21	14	16	16	16	13
gas (dry, marketable) gas plant liquids	Tril. cu. ft	37.7 (NA)	53.3 1.3	1.4	54.5 1.4	59.3 1.6	61.2 1.6	58 (NA)	36 44	33 41	29 40	29 37	3
is:		1000	100	7.7		100	1.4	11.2	1				
OS	Mil. metric ton	3.5	4.7	4.1	4.3	4.1	4.1	3	2	2	2	1	119
	Mil. sh. ton		8.3	8.3	6.0	6.4	6.7	20	27	22	13	12	1
9r	Mil. sh. ton	2.8	3.5	3.7	4.1	4.2	4.3	26	20	16	17	17	10
oar	Mil. sh, ton	4.6	5.3	4.7	4.7	5.3	5.3	4	2	2	1	1	1
N	Mil. sh. ton	56.9	86.5	79.0	86.4	86.8	89.2	17	14	13	15	17	17
and acree)	1,000 sh. ton	180	251	237	264	304	269	66	46	45	53	53	5
ncl. scrap)		33.4	81.4	83.6	85.4	93.0	94.3	25	20	16	13	14	14
nate rock	Mil. metric ton	85	139	122	139	152	151	41	39	31	31	32	34
(K <sub>2</sub> O equiv.)	Mil. metric ton	18.2	27.9	24.7	27.4	29.3	28.6	14	8	7	5	5	1
elemental	Mil. metric ton	41.9	54.9	50.8	50.3	52.6	54.9	23	22	19	18	20	2
	INIII. INCOME TOTAL	41.0	54.0	30.0	50.5	52.0	34.0		-		,		-
nine basis:			200		-44	120	140		-		1117		
	Mil. metric ton	57.8	89.2	77.8	78.9	88.2	85,1	4	2	1	1	1	
pian-tantalum concen-	4 en 16.	40.4	00.7			70.0	00.0	0.00	i.v.	4			1
s (gross weight)	Mil. Ib	45.1	80.7	56.3	46.9	78.8	83.9		(NA)	(NA)	10	1.2	1 3
•	Mil. metric ton	6.0	7.7	8.1	7.7	8.0	8.1	26	15	14	13	14	1:
	Mil. troy oz	47.5 754	39.2 877	43.1 769	44,9 724	46.4 817	48.2 845	12	2 8	5	5	6	1 7
•	Mil. Ig. ton Mil. metric ton	3.4	3.4	3.4	3.4	3.3	3.4	15	16	15	14	10	1
<del></del>	1,000 flask 4	284	197	198	181	195	196	10	16	13	14	10	1
y	3,444	500	1553	0.50	1000	200	100	1.7	100	1 50	1.0		1 2
lenum 3	Mil. Ib	181	242	207	140	215	215	61	62	41	24	48	50
**************************************	1,000 sh. ton	693	858	705	723	833	857	2	2	(Z)		2	
***************************************	Mil. troy oz	301	344	384	392	415	412	15	9	10	- 11	11	10
m concentrates:	244 4 4 4 4		100										1 22
nite	Mil. sh. ton	5 4.0	.4.1	3.3	3.0	3.4	3.7	23	14	8	(NA)	(NA)	(NA
en	Mil. lb	71.4	114.4	99.9	86.9	102.5	103.6		5		2		1
m oxide (U <sub>2</sub> O <sub>3</sub> ) 5	1,000 sh. ton	19.9	(NA) 38.3	(NA) 35.9	(NA) 30.9	(NA) 34.3	(NA) 33.7	53 26	(NA)	(NA)	(NA)	(NA)	(NA
um 3	1,000 sh. ton Mil. metric ton	5.5	6.0	6.2	6.2	6.6	6.7	9	5	11	5	4	(100
	war. means ton	0.0	0.0	0,2	0.2	0.0	0.7			-		1	1
melter basis:	V 2 35 3 5 1	0.81	1.3	125	1.74	-0.76		1.0		31			
um	Mil. sh. ton	10.6	16.9	14.8	13.9	17.3	16.9	37	30	24	24	26	2:
M	Mil. lb,	36.5	40,2	36.3	36.9	42.3	41.1	26	9	6	6	9	1 3
	Mil. metric ton	6.1	7.9	8.3	8.1	8.3	8.3	24	13	12	12	14	14
g (incl. ferroalloys)	Mil. sh. ton	474	565	502	511	546	555	19	12	9	10	10	1
***************************************	Mil. metric ton	3.3	5.4	5.3	5.3	5.5	5.6	18	23	21	19	20	20
ium	1.000 sh. ton	242	348	273	286	360	361	46	49	37	40	44	4
gots and castings	Mil. sh. ton	655	787	707	730	782	788	20	14	11	12	12	1
manufacture of the second	1,000 m. ton 6	227	249	239	212	200	194	(NA)	1	1	1	2	1
	Mil. metric ton	4.8	6.0	5.9	6.2	6.5	6.6	18	6	5	5	5	1 9

resents zero. NA Not available. 2 Less than .5 percent. ¹ Source: Beginning 1980, Energy Information stion, International Energy Annual. ³ For facel years ending in year shown; see text, section 9. U.S. production Puerto Rico. ² Content of one and concentrate. ⁴ 76-lb. flasts. ⁴ Excludes Soviet Union. ⁴ Metric tons. Except as noted, U.S. Bureau of Mines, Alinerate Yearbook, annual.

# No. 1161. FEDERAL STRATEGIC AND CRITICAL MATERIALS INVENTORY: 1980 TO 1986

ic. 31. Covers strategic and critical materials essential to military and industrial requirements in time of national icy. Market values are estimated current trade values of similar materials and not necessarily amounts that would be at time of sale]

			QUANTITY	1				VAL	UE (mil. d	tol.)	
RAL	Unit	1980	1963	1984	1986	1980	1980	1963	1984	1965	1905
	1,000 lg. ton	200	186	186	185	181	3,158	2,559	2.335	2.324	1,024
***************************************	4 000 4		137,506	136,506	136,006	130,006	2,288	1,651	996	801	730
***************************************	Mil. Ib		46	46	53	53	1,020	575	506	590	600
••••		14,333	15.958	16.954	17.957	18.031	583	775	779	871	886
a	1,000 sh. ton	3,495	4,447	4,361	4,470	4,284	540	509	506	520	522
	Mil. Ib	62	92	88	87	86	533	485	505	369	280
	1,000 sh. ton		378	378	378	378	313	351	343	268	347
	1,000 sh. ton	21	32	32	37	37	301	353	386	405	278
	1,000 troy oz	440	453	453	453	453	209	194	147	154	270
	1,000 sh. ton		784	764	834	883	747	728	798	836	870
	Carat	19,224	15,536	14.047	12.549	11.049	349	379	357	336	315
bort	Carat	23.693	22.193	22.001	22,001	22,001	73	39	39	39	39

of stockpile and nonstockpile grades and reflects uncommitted balances.

2 Consists of abrasive grade, metallic ca, metallic grade Surineme, and refractory.

2 Consists of chemical grade, dioxide battery natural, dioxide

S. General Services Administration, Statistical Supplement, Stockpile Report to the Congress (AP-3).

# No. 1162. SELECTED MINERAL AND METAL PRODUCTS-QUANTITY AND VALUE OF IMPORTS AND **EXPORTS: 1980 TO 1985**

[Imports represent imports for consumption. Exports include shipments under foreign aid programs, includes trade of Puerto Ricc with foreign countries]

2004/20		0	UANTITY	1				VAL	UE (mil.	dol.)	
PRODUCT	Unit	1980	1982	1983	1984	1985	1980	1982	1983	1984	1985
IMPORTS								150			
Petroleum (crude) 1	Mil. bbl	1,975	1.417	1,283	1,317	1,625	61,899	45,724	36,492	37,859	22,608
Gem stones: Diamonds			4.6	6.3	8.2	8.2	2,251	1,918	2,275	2,905	3.007
Ores and concentrates:	THE SECTION							1,000	-4-		1
Chromium (Cr. O, content)	1,000 sh. ton	410	209	86	134	176	57	30	10	15	20
Copper		58	130	100	12	3	73	141	82	10	1 3
Iron		25.1	14.5	13.2	17.2	15.8	773	471	446	529	452
Tungsten	Mil. Ib	11.4	7.8	6.3	12.8	10.5	87	47	26	52	3
Turigatori minimananinaninaninaninaninaninaninanina	THE IN THE PROPERTY.	4.5.4	1.0	0.0	16.0	1		- 25		-	1
Metals:	5.777a-b-19-9		500	17.7	544	200	100		1000	2. 4. 2	
Aluminum	1,000 sh. ton	581	679	819	972	958	778	858	1,021	1,293	1,017
Cobalt	Mil. Ib	15.0	11.6	15.9	23.3	16.6	359	138	110	203	181
Copper refined ingots, etc	1,000 sh. ton	471	285	507	490	416	935	395	701	621	490
Gold (bullion)	Mil. troy oz	4.1	4.2	3.6	6.0	6.4	2,507	1.651	1,576	2,294	2,109
Iron and steel products (maj.)	Mil. sh. ton	16.2	17.3	17.8	27.3	25.5	7,713	10,290	7,129	11,356	10.874
Platinum group 2	Mil. troy oz	3.5	2.5	3.2	4.5	4.0	1,177	554	753	1,118	1,026
Silver (bullion)	Mil. troy oz	64.9	96.9	161.2	93.5	137.4	1,332	786	1,926	785	856
Zinc: Blocks, pigs, slabs	1,000 sh. ton	452	503	681	705	673	319	371	504	636	508
EXPORTS	1015.50		300		1.55	212	1 200	1 40	4.0	1	
						1	1		1		1
Fuels: 1							1				
Bituminous coal	Mil. sh. ton		105.2	76.9	80.8	84.0	4,523	5,938	4,008	4,090	3,862
Petroleum (crude)	Mil. bbl	30.6	13.1	6.8	5,8	6.0	751	469	224	185	117
Nonmetallic minerals:							1000				
Gem stones: Diamonds		1.3	2.7	2.5	2,3	2.4	1,041	639	622	575	571
Nitrogen compounds (maj.)	Mil. sh. ton	11.1	7.8	7.5	10,4	10.8	1,842	1,179	1,050	1,635	1,550
Phosphatic fertilizers 3	Mil. sh. ton	7.2	5.4	6.6	8,2	8.3	1,383	837	895	1,350	1,225
Metals:		1		1	1.7		100			12.0	
Aluminum: Ingots, slabs, crude	1,000 sh. ton	715	401	398	286	383	1,107	476	534	397	442
Plates, sheets, bars, etc		306	194	179	219	185	716	440	389	497	411
Gold (refined bullion)			1.6	1.9	3.5	2.9	2,787	591	825	1,285	919
Iron and steel prods. (mai.)		4.5	2.2	1.4	1.2	1.1	3,504		1,609	1,418	1,321
Magnesium 4	Mil. Sh. ton			46.7	48.3			2,515			
			39.6			40.3	128	105	125	137	114
			697	577	306	574	5	2	2	1	1 2
Silver (refined bullion)	Mil. troy oz	57.2	12,9	13.7	10.3	12.6	1,327	106	169	86	82
Scrap exports:			-			-					
Aluminum	1,000 sh. ton	445	214	262	285	413	483	158	249	276	351
Iron and steel	Mil. sh. ton	11.4	6.9	7.8	9.8	10.2	1.257	623	651	938	940
non and stool management	THE STE LOTT STATE	1194	0.0	1.0	9,0	10.2	1,201	023		936	-

¹ Source: U.S. Bureau of the Census, U.S. Imports for Consumption and General Imports, TSUSA Commodity and Country, FT 246, annual; and U.S. Exports, Schedule B Commodity and Country, FT 446, monthly. ¹ Unwrought and semimenufactured. ² Superphosphates and ammonium phosphates. ⁴ Metal and alloys, scrap, semimenufactured forms. ² Metals and alloys, crude and scrap.

Source: Except as noted, U.S. Bureau of Mines, Minerals Yearbook.

### No. 1163. MINERAL INDUSTRIES-LOST WORKDAY INJURIES AND FATALITIES: 1980 TO 1965

[Excludes office workers. Lost workday injuries are nonfatal occurrences that result in days away from work, days of restricted work activity or a permanent disability. Data for all years includes injuries to independent contractors at mine sites. Beginning with 1983, rates for the non-coal industries are based only on employment and hours worked by mine employees. See also Historical Statistics, Colonial Times to 1970, series M 271–286]

ITEM	1980	1983	1984	1905	ITEM	1963	1983	1984	1996
Coal mining: Injuries, total	133	9,615 70 .7	10,370 125 1.2	9,141 68 .7	Querrying and related industries—Con. Rate per million work-hours: Fatel		;1 17	.3	.2
hours: Fatal	43	.2 20	.3 29	.2 27 .36	Fatalities per 1,000 employed <sup>1</sup>	.5	2.734	.5	.A 2.234
Querrying and related industries: * Injuries, total	3,551	2,089 17	2,509	2,571 26	Fatal Percent of total Rate per million work- hours:	.7 .7	1.1	35 1.3	1.0
Percent of total		.8	1.4	1.0	Fatal	.2 28 .3	.3 24 .3	.2 18 .5	17

Average number of persons at work each day mines were active.
 Nonmetal mines exclude extraction of Franch process sulfur.

Source: U.S. Mine Safety and Health Administration, Deriver, CO, unpublished data.

<sup>&</sup>lt;sup>2</sup> Includes cement.

# 44. NET U.S. IMPORTS OF SELECTED MINERALS AND METALS AS PERCENT OF APPARENT CONSUMPTION, 1970 TO 1985, AND BY MAJOR FOREIGN SOURCES, 1981-1984

. Figures based on net imports which equal the difference between imports and exports plus or minus government stockpile and industry stock changes]

INERAL	1970	1980	1981	1982	1983	1984	1985	Rank of major foreign sources, 1981-1984
	100	100	100	100	100	100	100	Brazil, Canada, Thailand.
*************	100	100	100	100	100	100	100	India, Belgium, France.
	100	100	100	100	100	100	100	Mexico, Spain.
	95	98	98	99	99	98	100	Ore: Gabon, South Africa, Brazil.
***************************************	88	94	94	96	96	96	97	Bauxite: Guinea, Jamaica, Brazil; Alumi- na: Australia, Jamaica, Suriname.
	98	93	92	92	95	95	95	Zaire, Zambia, Canada.
	96	90	92	92	97	92	92	Thailand, Brazil, Malaysia.
	78	88	83	81	89	89	92	South Africa, United Kingdom, Soviet
	42	65	65	65	75	74	77	Canada, Israel.
	89	91	90	85	76	81	73	South Africa, Zimbabwe, Yugoslavia.
	81	79	77	68	73	74	72	Thailand, Malaysia, Bolivia, Indonesia.
-	83	78	79	74	65	75	71	Canada, South Africa.
	54	60	65	58	65	68	69	Ore: Canada, Mexico, Peru; Metali Canada, Peru, Mexico.
	45	44	40	55	65	69	69	Canada, Morocco, Chile.
	71	71	75	76	75	68	68	Canada, Australia, Botswana.
	24	32	50	74	(D)	(D)	(D)	Australia, Canada, South Africa.
	50	53	50	42	52	70	68	Canada, China: Mainland, Bolivia.
	26	7	53	55	61	59	64	Canada, Mexico, Peru.
	40	48	47	50	54	58	(D)	Metal: China: Mainland, Bolivia, Mexico Ore: Bolivia, Mexico, Thailand.
	41	26	44	32	30	58	57	Spain, Algeria, Japan.
	7.	55	63	73	72	50	55	Canada, Australia, Peru.
	11	59	45	55	39	47	54	Canada, United Kingdom, Japan.
	21	35	34	24	26	54	(D)	South Africa, E.E.C.3, Canada.
-	39	35	37	36	40	38	38	Canada, Mexico, Spain.
	59	18	15	32	19	22	31	Canada, Uruguay, Switzerland.
	22	37	34	28	28	30	29	Mexico, Canada, Venezuela.
	(e)	14	6	_1	19	23	27	Chile, Canada, Peru.
	4	15	15	20	16	23	22	E.E.C. <sup>a</sup> , Japan, Canada.
	30	25	22	34	37	19	22	Canada, Venezuela, Liberia.
	(*)	(*)	(0)	7	17	.7	12	Canada, Japan, Ghana.
	(*)	14	5	4	15	16	5	Canada, Mexico.
	4	5	4	5	5	4	5	Canada, Algeria.

to avoid disclosure. 

1 Includes alumins. 
2 Imenite. 
European Economic Community. 
1 Includes crude 
Source: Beginning 1980, Energy Information Administration, International Energy Annual.

Not exports. 
spt as noted, U.S. Bureau of Mines, Altheral Commodity Summaries; import and export data from U.S. Bureau of the

No. 1165, PETROLEUM INDUSTRY—SUMMARY: 1950 TO 1986

PRODU WELL	ICING	COMPLE	(1,000		LLED	CRUDE	OIL PRO	DUCTION		DRTS bbl.)	OPER REFIN (mil.	ERIES
Total (Dec. 31) (1,000)	Daily output per well (bbl.)	Total	Crude oil	Gas	Dry	Total (mil. bbl.)	Value at wells (bil. dol.)	Avg. price per bbl. (dol.)	Crude oil	Re- fined petro- leum prod- ucts	Ca- pacity (Jan. 1)	Output
466 524 591 589 531	11.8 13.2 12.0 13.3 18.0	42 55 46 39 28	24 30 22 18 13	3 4 5 4 4	15 20 18 16	1,974 2,484 2,575 2,849 3,517	5.0 6.9 7.4 8.2 11.2	2.51 2.77 2.88 2.86 3.18	178 285 372 452 483	133 170 293 449 765	2,271 3,061 3,593 3,803 4,388	2,197 2,880 3,195 3,639 4,421
517 508 497 498 500	18.1 18.4 18.3 17.6 16.8	26 28 28 33 39	12 11 10 14 17	4 5 7 7 8	10 11 10 12 14	3,454 3,455 3,361 3,203 3,057	11.7 11.7 13.1 22.0 23.5	3.39 3.39 3.89 6.87 7.67	613 811 1,184 1,269 1,498	819 924 1,099 962 712	4,694 4,865 4,979 5,242 5,461	4,562 4,787 5,057 4,927 4,995
499 507 517 531 548	16.3 16.4 17.0 16.3 15.9	41 46 50 52 70	18 19 19 21 32	12 14 15 17	14 15 17 16 20	2,976 3,009 3,178 3,121 3,146	24.4 25.8 28.6 39.5 67.9	8.19 8.57 9.00 12.64 21.59	1,935 2,414 2,320 2,380 1,926	741 800 733 707 603	5,577 5,985 6,222 6,366 6,584	5,372 5,794 5,828 5,753 5,352
557 580 603 621 647 623	15.4 14.9 14.4 14.3 13.9 13.9	90 84 75 84 69 38	43 39 37 42 35 18	20 19 14 17 14 8	27 26 23 25 20 12	3,129 3,157 3,171 3,250 3,275 3,164	99.4 90.0 83.1 84.1 78.9 40.0	31.77 28.52 26.19 25.88 24.09 12.66	1,605 1,273 1,215 1,254 1,168 1,501	584 593 629 736 681 712	6,796 6,530 6,154 5,907 5,716 5,643	5,106 4,888 4,795 5,007 5,019 5,301

**.** ⊿ **.** 

I, estimated. \*\* Represents peak year for U.S. crude oil production.

<sup>.</sup> Energy Information Administration, Annual Energy Review and Petroleum Supply Annual.

#### No. 1166, Crude Petroleum and Refined Products: 1973 to 1986

[Barrels of 42 gallons. See tables 924, 925 and 1008 for additional information. See also Historical Statistics, Colonial Times to 1970, series M 138-142, M 178, and M 181]

ITEM	Unit	1976	1976	1986	1991	1962	1905	1984	1995	1006
>rude petroleum:		l	İ	1			ł	1	ł	
Domestic production	Mil. bbl	3,361	3.057	3,146	3,129	3,157	3,171	3,250	3,275	3,164
Value at wells	Bil. dol	13.1	23.4	87.9	99.4	90.0	83.0	64.1	78.9	40.1
Average price per barrel at		1	ŀ	1	i	1	1	1	Ì	ł
wells	Dol	3.88	7.67	21.59	31.77	28.52	26.19	25.86	24.00	12.6
Imports	MIL bbl	1,164	1,499	1,926	1.605	1.273	1.215	1,254	1.166	1.50
Value 1	MIL dol		18,374	62.014	81,940	45,862	36.809	36.529	33.034	22,72
Exports		i	2	105	83	88	60	86	75	5
Value 1	Mil. dol	2,621	178	751	577	469	224	185	226	117
Stocks, Dec. 31	MIL bbl	242	271	466	584	644	723	786	814	841
Proved reserves, Dec. 31 *	Mil. bbl		32.662	29,805	29.426	27,656	27,736	28,446	26,418	26.80
World production	Mil. bbl	20,581	19.301	21,791	20,404	19.437	19.342	19.812	19.328	20,27
U.S. proportion of world total	Percent	16	18	14	15	16	18	16	17	1
efinery:		ł		1						1
Number of refineries (Jen. 1) *	Number	268	279	319	324	301	258	247	223	210
Operable capacity (Jan. 1) *	MIL bbl		5.461	6.584	6.788	6.530	6.154	5,906	5.715	5.64
Crude oil receipts at refineries	MIL 661		4,546	4.934	4.583	4.331	4.283	4.449	4,322	4.71
By pipeline: Domestic	Mil. bbi		2.862	2.275	2,343	2,401	2.419	2,442	2.483	2.40
Foreign	Mil. bbl		396	503	346	406	421	366	414	42
By water: Domestic	MI bbl	300	306	642	587	619	811	673	882	88
Foreign	MII. bbl	775	1,101	1,406	1.164	817	736	857	666	1.110
By tank cars and trucks	MIL bbl		80	121	103	89	96	110	97	
Utilization rate 4	Percent	93.9	85.5	75.4	69.8	69.9	71.7	76.2	77.6	82.1
efined products:			ļ			i				l
Daily motor-gasoline consump-	1	1		l	l	1	ł		l	l
tion	Mil. bbl	8.67	6.87	6.58	8.59	6.54	6.62	6.00	6.83	7.05
Retail prices for leaded requier					0.00	0.0.				
motor gesoline (U.S. city ever-	l			I	l	!		i	i	
age)	Cents		56.7	119.1	131.1	122.2	115.7	112.9	111.5	85.7
Yield of gesoline	Percent	45.6	46.5	44.5	44.5	46.2	47.4	46.5	46.7	46.9
Imports	MIL 661		712	603	584	593	629	724	861	712
_ Value 1			6,751	11,502	13,328	13,200	15,166	19,752	16,761	11,10
Exports	MR. bbl		74	94	134	211	210	188	211	22
Value 1	Mil. dol		325	1,242	2,088	4,589	3,554	3,419	3,503	2,500
Stocks, Dec. 31	MII. bbl	788	662	926	i 880	788	731	761	705	75

<sup>&</sup>lt;sup>1</sup> Source: U.S. Bureau of the Census, U.S. Exports, Schedule E Commodity by Country, FT 410, monthly, and U.S. Imports and Imports for Consumption, Schedule A Commodity by Country, FT 135, monthly.

<sup>8</sup> Source: 1973–1975 American Petroleum Institute, Washington, D.C., thereafter, U.S. Energy Information Administration, U.S. Crude Off, Natural Gas, and Natural Gas Liquida Reserves, ennuel.

<sup>8</sup> Source: 1973–1960, U.S. Energy Information Administration, Petroleum Residence in the United States and U.S. Territories, ennuel.

<sup>8</sup> For 1973 through 1990, utilization rate is derived by dividing gross input to distillation units by one-half of the current year January 1 capacity, Percentages were derived from unrounded numbers. For 1961 and forward, utilization is derived by averaging reported monthly utilization.

<sup>8</sup> Average desier's net price per gallon (incl. tac) of regular grade full service gasoline. Data from Pitti's Oligram Price Service.

Source: Except as noted, through 1975, U.S. Bureau of Mines, Alinerals Yearbook; thereafter, U.S. Energy Information Administration, Monthly Energy Review, Annual Energy Review, and Petroleum Supply Annual.

No. 1167. PETROLEUM—RUNS TO STILLS AND REFINERY PRODUCTS, BY PRODUCT: 1973 TO 1986
[In millione of barrels, except percent. Barrels of 42 gallons, except as indicated. See also Historical Statistics, Colonial Times to 1970, series M 102-177]

12045044		4000										PER	CENT	
PRODUCT	1973	1975	1979	1980	1981	1982	1983	1984	1985	1986	1973	1980	1985	1986
Input		4,827	5,561	5,133	4,921	4,694	4,617	4,804	4,815	5,076	100.0	100.0	100.0	100.0
Crude petroleum	4,537	4,541	5,346	4,934	4,552	4,297	4,265	4,408	4,381	4,641	92.8	96.1	91.0	91,4
Natural gas liquids		259	186	169	191	188	168	183	186	175	6.1	3.3	3.9	3.5
Other 1	56	27	29	30	178	209	184	213	249	260	1.1	.6	5.2	5.1
Output	5,057	4,995	5,753	5,352	5,106	4.688	4,795	5.007	5,019	5,301	100.0	100.0	100.0	100.0
Gasoline (motor)		2,379	2,495	2,376	2,336	2.313	2.313	2,362	2,343	2,464	47.4	44.6	46.7	46.5
Leaded 2		(NA)	1,502	1,269	1,168	1,093	1,035	941	833	765	(NA)	23.7	16.6	14.4
Unleaded #	1 7	(NA)	993	1,107	1,167	1,219	1,278	1,421	1,510	1,699	(NA)	20.7	30.1	32.1
Distillate fuel oil	1,029	968	1,151	974	954	951	897	981	980	1,021	20.3	18.2	19.5	19.3
Residual fuel oil	354	451	616	578	482	390	311	326	322	324	7.0	10.8	6.4	6.1
Jet fuel		318	369	366	353	357	373	414	434	472	6.2	6.8	8.6	8.5
Petrochemical feedstocks	133	122	252	254	220	160	153	140	143	148	2.6	4.7	2.8	2.1
Still gas for fuel 5	177	175	205	197	199	195	192	193	201	234	3.5	3.7	4.0	4.4
Asphalt and road oil 4	175	149	170	144	124	120	136	141	146	150	3.5	2.6	2.9	2.8
Coke (5 bbl. = 1 sh. ton)	132	129	137	135	142	150	153	161	166	185	2.6	2.5	3.3	3.5
Liquefied refinery gases	128	109	121	119	115	99	120	133	143	152	2.5	2.2	2.8	25
Kerosene		55	67	50	44	42	40	42	34	33	1.6	.9	.7	1
Other finished products		126	157	145	137	111	107	113	107	118	2.7	2.8	2.1	2.2
Processing gains	- 165	-168	-192	-219	-185	-194	-178	-203	-203	-225	(x)	(X)	(x)	OX.

NA Not available. X Not applicable. I includes unfinished oil rerun net, blending components, other hydrocarbons and alcohol. I 1978 through 1980 estimates based on shipments, I barrel = 3,600 cu. R. 4.5.5 barrels = 1 sh. tex. Source: U.S. Energy information Administration, Petroleum Supply Annual.

# RUDE PETROLEUM AND NATURAL GAS—WELLS DRILLED, FOOTAGE, AND DRILLING COST, BY TYPE OF WELL: 1970 TO 1984

sts incurred for drilling and equipping wells to point of completion as productive wells or abandonment after drilling becomes unproductive. Based on sample of operators of different size drilling establishments]

YEAR	WELLS O	PAILLED	Foot- age drilled	DRILLINI (mil.		Aver- age depth	PER	ME COST WELL 000)	Aver- age cost
	Total	Off- shore	(mil. ft.)	Total	Off- shore	per well (ft.)	Total	Off- shore	per ft. (dol.)
***************************************	27,177	1,058	136.9	2,579	598	5,037	95	565	18.64
***************************************	36,960	1,028	177.6	6,571	1,174	4,806	178	1,142	38.99
***************************************	62,011	1,272	286.0	22,800	3,546	4,773	366	3,024	77.02
***************************************	80,816	1,476	366.8	38,666	5,551	4,811	454	3,761	94.30
***************************************	76,652	1,484	362.6	39,428	6,154	4,731	514	4,203	108.73
	67,536	1,270	301.2	25,105	4,961	4,460	372	3,906	83.34
	77,210	1,421	350.6	25,206	5,024	4,541	326	3,536	71.90
		l							
***************************************	12,547	533	56.4	1,068	282	4,496	87	528	19.29
***************************************	16,276	283	66.1	2,257	253	4,059	139	892	34.15
***************************************	28,553	317	117.1	7,768	644	4,099	272	2,663	86.36
	38,725	415	162.0	13.023	1.074	4,183	336	2,589	80.40
***************************************	35,865	466	144.3	12,459	1.563	4.024	347	3.217	86.34
	33,495	459	130.8	9.504	1,499	3.907	294	3.268	72.65
***************************************	38,976	486	154.0	10.214	1.322	3.952	282	2.721	66.32
	3,644	193	23.1	618	139	6.007	181	720	26.75
***************************************	7.854	271	43.4	2.005	338	5.667	282	1.247	46.23
	15,225	444	85.8	6,167	1.446	5,636	536	3.256	95.16
	17.533	515	100.3	12.246	2.122	5.718	696	4.121	122.17
M	17.052	442	100.8	14,736	2.165	5.912	664	4.606	146.20
	12,919	293	72.5	7.656	1.213	5.811	808	4.140	108.37
	14,893	372	82.6	7.339	1.353	5.516	490	3.636	88.80
	,			1 .,,555	.,	0,0.0		5,555	00.00
	10,788	332	57.4	873	178	5,320	81	536	15.21
	13.030	474	86.2	2,309	584	5,234	177	1,232	33.86
	18,233	511	93.1	6,865	1,556	5,106	377	3,046	73.70
***************************************	24,558	546	126.6	11,395	2.354	5.154	484	4.312	90.03
	23,736	536	117.5	12.232	2.425	4.951	515	4.525	104.09
	21,132	518	97.9	7.745	2.249	4.633	367	4.341	79.10
	23.251	583	113.9	7.653	2,349	4,900	329	4.172	67.18
				.,		7,550		7,.,2	37.10

fican Petroleum Institute, Independent Petroleum Association of America, and Mid-Continent Oli and Gas of Association Survey on Drilling Costs, annual.

# EDERAL OFFSHORE LEASING, EXPLORATION, PRODUCTION, AND REVENUE: 1973 TO 1986 [See source for explanation of terms and for reliability statement]

ASING	Unit	1973	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
eased tracts	Number 1,000 1,000	187 1,515 1,033	1,374 321 7,247 1,680 1,088	1,297	1,767	483 218 2,563 1,134 4,205	1,398 430 7,680 2,265 6,612	1,410 357 7,637 1,886 3,987	21,689 1,251 120,054 6,588 5,749	1,400	15,754 667 87,029 3,512 1,539	142
AND DEVELOPMENT			Î	iii				17				
drilled:	Number Number Number	249 6,421				191 739 9,638 8,057	173 724 10,308 8,704	166 701 11,164 8,913	134 597 11,990 9,374			95 279 12,536 11,911
4D PRODUCTION yalties 1		3,083 401	1,723 1,088 615 20		5,079	6,363 4,205 2,133 19	9,924 6,612 3,287 22	7,823 3,987 3,815 20	9,160 5,749 3,376 32	8,040 4,037 3,964 39	5,244 1,539 3,639 66	2,805 187 2,560 58
0 2	Mil. dol Mil. dol Mil. dol Mil. dol	1,480		2,628	2,874	4,784 360	8,844 844	22,573 8,929 1,225 12,420	21,034 8,935 1,106 10,993	9,623 1,206	22,153 9,590 1,031 11,532	15,711 5,765 664 9,282
######################################	Mil. bbls Mil. bbls Tril. cu. ft	34	303 27 3,459	270 22 4,385	262 23 4,673	259 19 4,641	263 27 4,850	284 37 4,680	304 36 3,940	330 40 4,537	352 37 4,000	350 39 3,949

idensate royalties. 

Production value is value at time of production, not current value.

Dept. of the Interior, Minerale Management Service, Federal Ottahore Statistics, September 1986.

No. 1170, PETROLEUM INVENTORIES AT THE BEGINNING OF PEAK SEASONS: 1975 TO 1966

FUEL	Unit	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Petroleum, total (Sept. 30)	Mil. bbls Days' supply 1	1,147	1,304	1,263	1,309		1,476	1,414	1,485	1,513	1,502	1,618
Motor gasoline (Mar. 31)	Mil. bbls Days' supply 1	248.7	262.2 38.8	259.6	240.1	282.8	232.4	198.1	182.7	202.1	185.6	184 0
Distillate fuel oil (Sept. 30)	Mil. bbls Days' supply 1	220.8	252.8 96.1	220.7 82.9	220.4	232.4	207.3	161.2	154.0	142.9	117.4	152.4
Residual fuel oil (Sept. 30)	Mil. bbls Days' supply '	76.9 34.4	87.5 29.9	81.3 29.0	87.8 34.6	87.9 38.0	80.2 42.2	61.8	49.7 36.8	46.8 38.8	43.4 39.9	44.0 30.8

<sup>&</sup>lt;sup>1</sup> Days' supply is derived by dividing inventories by previous three month average delly consumption (products supplied). Source: U.S. Energy Information Administration, Petroleum Supply Annual.

No. 1171. LIQUEFIED PETROLEUM GASES—SUMMARY: 1980 TO 1986 [In millions of 42-gallon berrels. Includes ethene]

ITEM	1980	1984	1985	1986	ITEM	1960	1984	1985	1986
Production	561	621	622	619	Consumption	538	576	584	552
At natural gas plants	441 121 79	488 133 71	479 143 68	466 152 88	Ethane 1 Propane 1 2 Butane (incl. isobutane) 2	164 298 76	215 305 55	210 322 52	181 303 68
Refinery input	79 85 9	106 18	111 23		Stocks, Dec. 31	116	101	74	

<sup>&</sup>lt;sup>1</sup> Reported comeumption of ethene-propene mixtures have been allocated 70 percent ethene and 30 percent propene.
<sup>2</sup> Reported consumption of butane-propene mixtures have been allocated 80 percent butane and 40 percent propene.

Source: U.S. Energy Information Administration, Petroleum Supply Annual.

NO. 1172. CRUDE PETROLEUM AND NATURAL GAS—PRODUCTION, BY STATE: 1980 TO 1986
[See Historical Statistics, Colonial Times to 1970, series M 136 and M 142 for petroleum production, and series M 147-161 for natural gas production]

10000	(	CRUDE	PETROL	EUM PRO	DUCTION	(mil. bbl.	.)	NAT	URAL GA	S MARKE	TED PRO	DUCTION	(bil. cu	n.)
STATE	1980	1981	1982	1983	1984	1985	1986	1980	1981	1982	1983	1984	1985	1986, prel.
Total *	3,147	3,129	3,157	3,171	3,241	3,274	3,168	20,180	19,960	18,520	16,822	18,230	17,198	16,809
AL	22	21	20	19	20	22	21	65	79	75	91	102	107	107
AK	592	587	619	626	630	666	681	231	243	264	277	289	321	306
AR	18	18	19	19	19	19	16	112	93	125	128	135	155	132
A	357	385	402	405	412	424	407	310	381	384	415	476	491	469
20	30	30	31	29	29	30	29	188	196	210	164	173	178	156
1	43	35	26	19	14	11	9	41	32	23	21	13	11	5
L	23	24	28	29	29	30	27	2	1	1	1	2	1	(NA
N	5	5	6	5	6	5	5	(Z)	(Z)	(z)	(Z)	(Z)	(Z)	(NA
(S	60	66	71	72	76	75	67	735	640	430	435	466	513	448
(Y	6	7	7	8	8	8	6	57	61	52	47	62	73	(NA
A	469	449	458	480	515	508	512	6,639	6,780	6,172	5,332	5,825	5,014	4,889
Al		33	31	32	31	27	26	158	153	153	139	145	132	12
4S	36	34	33	31	33	31	30	175	181	167	151	158	144	143
T	30	31	31	29	30	30	27	52	57	57	52	51	52	45
VE	6	7	7	6	6	7	7	3	3	2	2	2	2	(NA
MM	75	72	71	75	79	79	76	1,150	1,134	991	895	957	905	710
ΥνΥν	1	1	1	1	1	1	1	16	16	16	18	25	32	(NA
ND	40	45	47	51	53	51	46	42	43	54	69	70	73	60
DHHC	13	14	15	15	15	15	13	139	141	138	151	186	182	(NA
OK	150	154	159	159	168	163	149	1,892	2,019	1,934	1,730	1,986	1,936	1,917
PA	3	4	4	4	4	5	4	97	122	121	118	166	150	(NA
TX	977	945	925	903	905	889	840	7,116	6,190	6,469	5,939	6,185	6,053	6,092
JT	25	26	22	30	35	41	39	88	91	94	63	75	83	88
W	2	3	3	4	4	4	3	157	161	151	130	144	145	130
WY	126	131	118	118	124	129	121	410	410	425	444	517	417	495

NA Not available. Z Less than 500 million cubic feet. <sup>1</sup> Excludes nonhydrocarbon gases. <sup>2</sup> Includes other States not shown separately.

Reported consumption of butane-propane mixtures have been allocated 80 percent butane and 40 percent propan

Source: U.S. Energy Information Administration, Natural Gas Annual, Natural Gas Monthly, Petroleum Statement, annual, and Petroleum Supply Annual.

IO. 1173. NATURAL GAS—SUPPLY, CONSUMPTION, RESERVES, AND MARKETED PRODUCTION: 1970 TO 1986

[See also Historical Statistics, Colonial Times to 1970, series M 147-161]

ITEM	Unit	1975	1973	1975	1970	1906	1861	1962	1962	1984	1905	1906, prel.
ing wells (yearend)	1,000	117		130	170	182	199	211	222	234	243	250
tion value at wells		3.7	5.0	9.0	24.2	32.1	39.5	45.6	43.6	48.5	43.2	31.3
per 1,600 cu. ft		.17	.22	.45	1.18	1.59	1.96	2.46	2.50	2.66		1.87
reserves !	Tril. cu. ft	291	250	228	201	199	202	202	200	197	193	(NA)
ed production * from storage	Tril. cu. ft	21.92	22.65	20.11	20.47	20.18		18.52	16.82	18.23	17.20	16.81
from storage	Tril. cu. ft	1.46	1.53	1.76	2.05	1.97	1.93	2.16	2.27	2.10	2.40	1.94
*	Trill. cu. ft	.82	1.03	.95	1.25	.96	.90	.93	.92	.84	.95	.75
nption, total	Tril. cu. ft	21.14	22.05	19.54	20.24	19.88	19.40	18.00	16.83	17.95	17.28	16.00
tentiel	TriL cu. ft	4.84	4.88	4.92	4.97	4.75	4.55	4.63	4.38	4.56	4.43	4.40
mercial 4	Tril. cu. ft	2.40	2.69	2.51	2.79	2.61	2.52	2.61	2.43	2.52	2.43	2.35
Arlei	Tril. cu. ft	9.25	10.18	8.36	8.40	8.20	8.06	6.94	6.62	7.23	6.87	6.17
ase and plant fuel	Trill, Cu. ft	1.40	1.50	1.40	1.50	1.03	.93	1.11	.96	1.06	.97	.94
her Industrial	Trill ou ft	7.85	8.69	6.97	6.90	7.17	7.13	5.83	5.84	8.15	5.90	5.23
ric utilities	Trill. ou. ft	3.93	3.86	3.16	3.49	3.66	3.64	3.23	2.91	3.11	3.04	2.60
sportation *	Tril. cu. ft	.72	.73	.58	.60	.63	.64	.60	.49	.53	.50	.46
ion losses *	Trill cu ft	.91	.92	.87	.81	.78	.77	.76	.79	.84	.82	.77
	Trill Cu ft	.07	.06	.07	.06	.05	.06	.05	.05	.05	.06	.08
ns to storage 7	Trill ou ft	1.88	1.97	2.10	2.30	1.95	2.23	2.47	1.82	2.30	2.16	2.06
unted for gas *	Tril. cu. ft	.23	.20	.24	.37	.64	.50	.47	.64	.14	.35	.70
production (dry)	Tell ou ft	37.54	43.15	44.10	51.73	53.28	54.71	54.18	54.45	58.30	(NA)	(NA)
production (dry)	Trill ou ft		21.73	19.24	19.66	19.40	19.18	17.76	16.03	17.39	16.36	15.97
roent U.S. of world	Percent	56.0	50.4	43.6	38.0	38.4	35.1	32.8	29.4	29.8	(NA)	(NA)

Not available. 

1 Estimated, end of year. Source: 1970–1975; American Gas Association, Arlington, VA. (Copyright.); lar, U.S. Energy Information Administration, U.S. Crude Oit, Natural Gas, and Natural Gas Liquids Reserves, annual, riseted production includes gross withdrawals from reservoirs less quantities used for reservoir repressuring and quantities or flarred. For 1980 and thereafter, it excludes the nonhydrocarbon gases subsequently removed.

2 Includes deliveries to municipalities and public authorities for institutional heating and other purposes, sites fuel.

4 Volumetric reduction in natural gas resulting from the extraction of natural gas constitutents at natural gas large plants.

5 Beginning with 1880, includes liquided natural gas (LNG) storage in above ground tanks.

6 Derived by ting the sum of additions to storage, exports and consumption from total supply.

DE: Except as noted, U.S. Energy Information Administration, Annual Energy Review, International Energy Annual, and y Energy Review, March 1987.

No. 1174. NATURAL GAS PLANT LIQUIDS—PRODUCTION AND VALUE: 1970 TO 1986 [Berrels of 42 gallons. See also Historical Statistics, Colonial Times to 1970, series M 143-146]

ITEM	Unit	1970	1973	1975	1979	1980	1981	1982	1983	1984	1985	1986
roduced	Mil. bbi	606 197 400 73 206 121	634 182 447 108 214 124	594 149 444 123 202 119	578 125 444 146 182 115	576 126 441 145 181 115	588 122 459 145 190 124	566 103 459 155 189 114	569 85 480 166 197 116	596 107 488 185 193 111	582 103 479 180 190 109	564 98 466 177 185 104
fucts	Mil. bbl	9	6	2	9	8	7	4	4	1	5	2
je value	Dol. per bbl Gal. per 1.000	2.10	2.93	4.65	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
as processed	Cu. ft	1.37	1.35	1.42	1.47	1.63	1.65	1.68	1.80	1.79	1.84	3 1.82 3 13

ot available. 
<sup>1</sup> Reported production of ethene-propane mixtures have been allocated 70 percent ethane and 40 propane. 
<sup>2</sup> Reported production of ethene-propane mixtures have been allocated 60 percent ethane and 30 percent 
<sup>6</sup> Estimated.

<sup>:</sup> Through 1975, U.S. Bureau of Mines, Minerals Yeerbook; thereafter, U.S. Energy Information Administration, Energy orts, Petroleum Statement Annual, Petroleum Supply Annual, and Metural Gas Annual.

### No. 1175, COAL AND COKE-SUMMARY: 1970 TO 1986

[Includes coal consumed at mines. Demonstrated coal reserve base for United States on Jan. 1, 1985, was 478 billion tons Recoverability varies between 40 and 90 percent for inclividual deposits; 50 percent or more of overall U.S. coal reserve base is believed to be recoverable. See also *Historical Statistics*, *Colonial Times to 1970*, series M 93-128]

ITEM	Unit	1970	1975	1979	1980	1961	1982	1983	1964	1905	1986
COAL <sup>3</sup>											
Total production	Mil. sh. tons	613	655	781	830	824	838	782	898	879	-
Value	Mil. dol		12.671	16.552	20.452	21.748	22,850	20.319	22,944	22.139	21.839
World production	Mil. sh. tons		3,665	4,101	4,173	4,198	4,375	4,402	4,623	4,790	(NA)
Bituminous coal and lignite: 3		0,200	0,000	1 -,	٦,٠	1,	1,0.0	-,	1,000	7,	,,,,,,
Number of mines	Number	5 801	6,168	5.837	5.598	5.569	5.365	4.665	4.902	4.764	(NA)
Production			648	776	824	818	838	782	896	879	
Value, total	Mil. dol	2 772	12.472	16,359	20.198	21,514	22.850	20,319	22.944	22,139	21 839
Average per ton			19.23	23.65	24.52	26.29	27.26	25.98	25.61	25.20	24.50
Method of mining:	- CONETS	0.20	10.23	23.05	24.52	20.20	27.20	25.90	25.01	25.20	27.30
	9.471 -b. 4	339			337	316					
Underground			293	320			339	300	352	351	353
Surface	Mil. sh. tons	264	356	456	487	503	499	482	544	533	536
Percent of total prod			54.8	58.7	59.0	61.4	50.5	61.6	60.7	60.3	60.3
Exports			68	65	90	110	106	78	81	93	. 86
Value		951	3,233	3,328	4,523	5,809	5,997	4,057	4,133	4,485	3,930
Imports	1,000 sh.		ŀ	1	•	i	l	1	l		1
	tons	36	940	2,059	1,194	1,043	742	1,271	1,286	1,952	2,212
Value	Mil. dol	(Z)	22	51	30	30	30	43	45	70	80
Consumption 4	Mil. sh. tons	516	556	877	699	729	707	737	791	818	804
Electric power utilities	Mil. sh. tons	319	404	526	568	598	594	625	664	694	685
Industrial	Mil. sh. tons	184	146	144	126	128	105	103	118	116	112
Productivity average: *											
Daily employment	1,000	140	190	224	225	226	217	176	178	160	(944)
Days worked		228	232	206	210	186	196	197	204	204	1
Tons per worker:	14011001	220	232	200	2.0	1		1	200	200	()
Per day	Sh./tons	1004	14.74	15.33	16.32	18.08	18.13	20.98	22.19	23.05	644)
			3.420	3,158	3.427	3.363	3.497		4,527	4,702	
Per year	3n./10ns	4,290	3,420	3,150	3,421	3,363	3,487	4,133	4,52/	4,702	(144)
Production, by State:					١						
Alabama	Mil. sh. tons		22.6	23.9	26.4	24.5	26.8	23.8	27.1	27.8	23.2
Illinois			59.5	59.5	62.5	51.9	60.3	56.8	63.8	50.2	62.3
Indiana		22.3	25.1	27.5	30.9	29.3	31.8	31.8	37.8	33.3	32.5
Kentucky	Mil. sh. tons		143.8	149.8	150.1	157.6	150.2	131.2	159.5	152.3	180.2
Montana	Mil. sh. tons	3.4	22.1	32.5	29.9	33.8	27.9	28.9	33.0	33.3	32.0
Ohio	Mil. sh. tons		46.8	43.5	39.4	37.4	36.5	33.8	39.3	35.6	36.4
Pennsylvania	Mil. sh. tons	80.5	84.1	89.2	87.1	78.1	79.4	89.8	77.5	71.4	74.5
Virginia	Mil. sh. tons	35.0	35.5	37.0	41.0	42.0	39.8	35.0	40.4	40.9	421
West Virginia	Mil. sh. tons	144.1	109.3	112.4	121.6	112.8	128.5	115.0	131.0	127.8	129.5
Wyoming		7.2	23.8	71.8	94.9	103.0	103.0	112.2	130.9	140.7	136.2
Other States			76.0	129.2	139.8	148.2	154.1	143.8	155.9	181.3	160.3
Anthracite production	Mil. sh. tons		6.2	4.8	6.1	5.4	4.6	4.1	4.2	4.7	3.8
•		١	J	1	•	0.7	1 7.0	1	7.5	J	
COKE	ì	l			l	ı	į.	ı			
Production •		66.5	57.2	52.9	48.1	42.8	28.1	25.8	30.8	28.7	25.5
Oven coke 7			56.5	52.9	46.1	42.8	28.1	25.8	30.8	28.7	25.5
Value of product at plant	Mil. dol	2.193	5,261	6.662	8.029	(NA)	(NA)	(NA)	(NA)	(NA)	OW
Coke and breeze	Mil. dol	1.800	4,607	5,450	4.784	(NA)	NA)	(NA)	(NA)	(NA)	(04)
Avg. market value per ton	Dollars	28	84	98	103	113	115	114	105	104	90.9
Coel charged	Mil sh tons	96.5	83.8	77.4	66.7	61.0	40.9	37.0	44.0	41.1	36.0
Average value per ton			44.21	50.70	56.26	62.86	64.97	59.30	56.57	54.30	50.83
Yield of coke from coel	Percent		68.4	66.4	69.2	70.1	68.7	69.7	09.4	89.8	70.9
* ***** O* OOM    O*    OOM	{ T = U= II	i 000. I	, <del>00</del> .4	I 00.4	. <del></del>	1 /0.1	1 00./	j <del>00</del> ./		. 00.0	, , v.s

NA Not available. Z Less than \$500,000. ¹ Preliminary. ² Includes bituminous cost, lignite, and anthracite. ² All domestic product data for 1970 and 1975 are for mines producing 1,000 short tons or more per year; thereafter, data are for all mines. Beginning 1982, includes anthracite, which accounts for approximately .⁵ percent of total coal production. ⁴ includes some categories not shown separately. ² Data for 1970 and 1975 are for mines producing 1,000 short tons or more per year; thereafter, for mines producing 10,000 short tons or more. Beginning 1982, includes all types of coal. ⁴ includes beetive color. ¹ Prior to 1979, excludes screenings or breeze; thereafter, includes beetive and other nonrecoverable color-oven operations.

Source: 1970 and 1975, U.S. Bureau of Mines, Minerals Yearbook; thereafter, U.S. Energy Information Administration, Energy Data Reports, Weekly Coal Production; Coal Production, annual; Coite Plant Report, and Quarterly Coal Report.

# No. 1176. WORLD COAL TRADE: 1974 TO 1985

#### [In millions of short tons]

COUNTRIES	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Exporting countries, total	209.9	212.5	210.2	224.7	222.5	254.9	276.0	287.4	291.3	284.2	327.6	364.3
United States	60.7	66,3	60.0	54.3	40.7	66.0	88.7	106.5	106.5	76.5	81.2	91.9
Australia	32.5	33.5	34.3	42.3	42.6	44.6	46.6	54.3	44.8	59.9	79.7	96.0
South Africa	2.5	3.0	6.6	14.0	17.0	25.7	29.9	32.5	29.9	32.2	40.7	49.1
Soviet Union	28.9	28.8	29.6	31.1	31.6	28.4	26.2	22.5	23.0	24.1	22.7	26.3
West Germany	19.2	16.2	14.4	16.0	21.0	17.2	13.8	13.1	11.2	11.5	12.9	10.5
Canada	11.9	12.9	13.0	13.3	15.1	15.3	16.1	17.7	16.4	17.6	26.7	29.7
Poland.	44.1	42.4	42.9	43.3	44.2	45.6	34.3	16.6	30.6	39.0	47.1	39.8
China: Mainland	2.4	4.5	.4	.5	.9	1.7	4.2	4.1	5.1	6.2	7.6	8.1
Importing countries, total *	209.9	212.5	210.2	224.7	222.5	254.9	276.0	287.4	291.3	284.2	327.6	364.3
Western Europe/Mediterranean	79.3	80.8	80.2	85.9	94.3	107.4	126.9	129.4	126.5	117.1	132.2	146.8
Japan	70.7	68.5	67.0	67.1	57.5	64.5	75.6	86.0	86.5	81.6	94.5	101.1
Eastern Europe	35.6	35.1	35.4	36.8	38.4	40.2	34.8	30.1	37.0	41.2	39.9	42.3
Canada	13.6	16.8	16.1	16.9	14.6	19.4	17.4	16.3	17.3	16.2	20.4	16.4

<sup>1</sup> Proliminary. <sup>2</sup> Includes areas not shown separately. <sup>3</sup> Includes trade with Japan only. Source: U.S. Energy Information Administration, 1973–1983, and 1985, Annual Prospects for World Coal Trade 1887; 1984, Cultical for U.S. Coal Imports.

CEMENT, SAND, GRAVEL, STONE, GYPSUM, LIME, AND PHOSPHATE ROCK: 1970 TO 1985 istorical Statistics, Colonial Times to 1970, series M 188-194 and series M 203-204. Lime excludes Puerto Rico]

	Unit	1970	1979	1979	1979	1986	1981	1982	1983	1964	1986
ation 1	MIL sh. ton	76.1	69.7	86.5	85.9	76.7	72.9	643	71.3	76.7	78.9
	Percent	96.1	95.8	95.2	95.8	95.9	96.2	96.5	95.9	95.8	95.9
	Mil. sh. ton	76.4	70.7	68.0	87.2	77.7	73.0	65.1	71.9	81.2	84.0
	Mil. sh. ton	73.4	67.8	83.8	83.4	74.7	70.2	62.7	66.9	77.9	80.7
	Mil. dol	1.366	2.220	3.623	4.061	3,780	3.666	3.199	3.440	4.020	4.142
per ton	Doller	17.88	31.41	41.17	48.57	50.89	52.20	51.04	49.89	51.62	51.30
	Mil. sh. ton	2.5	3.8	6.6	9.4	5.2	4.0	2.9	4.3	8.8	14.5
	Mil. dol	34	71	191	302	196	151	111	181	294	437
	1,000 sh. ton	123	417	55	149	186	300	201	118	80	36
ion (est.)	Mil. sh. ton		774	940	962	977	977	973	1,010	1,045	1,071
el sold "	MIL sh. ton	944	780	986	979	793	720	621	982	803	980
	Mil. dol		1.340	2.302	2.427	2.289	2,260	1,996	2,270	2,621	2.812
used by		1,,,,	1,540	2,502	2,427	2,200	2,200	1,000	2,270	2,02	2,012
	MM. sh. ton	986	961	1.051	1,101	986	874	791	963	967	1,002
	Mil. dol	1,470	2,120	2.886	3.399	3,405	3,276	3.056	3,475	3,911	4,225
		1,770	2,120	2,000	3,300	3,405	3,276	3,000	3,475	3,911	7,225
•		1	ı		l	ŀ	I		<b>!</b>	1	l
shments *	Number	108	110	118	113	114	113	109	111	113	116
ppty	Mil. sh. ton	15.5	15.1	23.1	22.3	19.7	18.9	17.1	20.8	23.1	24.6
	Mil. sh. ton	9.4	9.8	14.9	14.8	12.4	11.5	10.5	12.9	14.3	14.7
consump-		İ			}	i				1	1
	Mil. sh. ton	8.1	5.4	8.3	7.8	7.4	7.6	6.7	8.0	8.9	9.9
	1,000 sh. ton	41	75	132	91	88	157	123	117	131	83
m pro-	•••••	l ''	'		•	••	''				"
	Mil. sh. ton	8.4	9.2	14.0	14.5	11.8	11.7	11.2	13.9	15.5	16.0
	Mil. dol	132	188	387	442	270	243	196	270	321	367
cts sold.					1				1		•••
	MIL dol	353	514	1,248	1,302	1.242	1,196	1,122	1.606	2.274	2.418
value	Mil. dol		466	1.171	1,312	1,149	1,099	1,032	1,504	2,162	2,301
			1	1	1,5.5	,,,,,	1 .,	1 .,	',,,,,		
	Number	194	171	155	154	153	150	147	139	129	115
	1.000 sh. ton	19 747	19,133	20.443	20.945	19.010	18.856	14.075	14,867	15.922	15,690
	Mil. dol	286	524	750	862	843	664	696	758	811	809
	Dollars		27.38	36.67	41.18	44.34	46.89	49.46	50.96	50.95	51.70
<b>c</b>		''''	1	55.57			10.00	10.10	55.55	00.00	• •
ion	MIL ton	125.5	187.5	191.2	204.8	231.4	202.5	114.5	138.6	176.7	193.2
<b>4</b>	Mil. ton	18.6	23.5	23.5	25.4	26.2	26.2	14.8	19.4	23.2	25.2
oduction	Mil. ton	38.7	48.8	55.2	56.9	60.0	59.1	41.2	46.9	54.2	56.0
4	Mil. ton	12.0	15.0	16.9	17.5	18.4	18.0	12.7	14.4	16.4	17.3
	Mil. dol	203	1.122	929	1.046	1,257	1.438	950	1.021	1.182	1.236
	Dollars		22.99	16.84	18.38	20.95	24.33	23.04	21.75	21.80	22.05
	Mil. sh. ton	.14	.04	1.00	.98	.54	01	23.03	.01	.01	.04
	Mil. doi	3.8	1.6	24.4	21.6	12.9	4		4		1.7
	Dollars	27.87	43.83	24.38	22.04	23.99	30.00	1.3 38.29	37.90	27.62	46.61
•••••	Mil. sh. ton	11.7	12.3			15.7					10.1
	Mil. sh. ton	3.8		14.2	15.8		11.5	10.8	13.2	12.7	3.2
	THE ST. 1011		4.0	297.4	5.1 356.5	5.0 431.4	3.8	293.6	4.2 327.3	324.8	263.8
<b>*</b>											
•••••	Mil. dol	60.0	429.2								
	Dollars	5.11	34.96	20.94	22.56	27.41	32.57	27.06	24.73	25.56	26.18
•••••											

erio Rico; excludes Alaska except for imports and exports.

a Includes natural, slag, and hydraulic lime plants, sparately, except 1970 excludes slag coment.

Bactudes byproduct gypsum. Excludes Alaska, Hawali, and Puerio Rico, except for imports and exports.

Each combination mine and plant is counted as one establishment.

Made from domestic, imported, and byproduct or consumption; P<sub>2</sub>O<sub>5</sub> content not available.

Amount sold or used plus imports minus exports.

Bureau of Mines, Minerals Yestbook.

NO. 1178. POTASH—SUMMARY: 1970 TO 1985 ands of short tons, except value. See also *Historical Statistics, Colonial Times to 1970*, series M 201-202]

ITEM	1970	1975	1978	1979	1980	1961	1962	1983	1964	1986
(marketable)	4.853	4,576	4.769	4,708	4,756	4,578	3,710	3.053	3,350	2,831
equivalent K <sub>2</sub> O	2,729	2,501	2,483	2,453	2,468	2,377	1,966	1,575	1,724	1,428
ium salts by producers	98.1 4.703	223.1 3.819	226.5 4.804	279.2 5.014	(NA) 4,701	(NA) 4,045	3,734	(NA) 3,252	(NA) 3,510	(NA) 2,761
squivalent KrO	2,729	2,094	2,543	2,632	2,444	2,103	1,987	1,668	1,807	1,395
t (mil. dol.)		187.9 49.19	226.5 47.15	279.2 55.68	353.9 75.28	328.9 81.31	265.6 71.13	220.8 67.90	241.8 68.89	178.4 78.48
sumption of potash materials squivalent K <sub>2</sub> O	4,403 2,605	6,271 3,797	8,556 5,189	9,375 5,693	9,031	8,712 5,287	6,986 4,253	8,071 4,894	8,761 5,323	8,343 5,061
4.)	94.7	267.2	399.2	520.8	648.0	750.4	575.4	600.6	658.1	499.1
sh materials		1,419	1,577	1,233	1,746	978	1,049	622 331	922 492	1,072 565
squivalent K <sub>2</sub> OI.)	544 28.5	779 92.7	892 88.6	700 79.5	926 179.8	541 107.9	572 93.2	55.8	85.7	(NA)
mption of potassium salts 2		8,671	11,782	13,156	11,987	11,779	9,671	10,701	11,349	10,032
squivalent K <sub>2</sub> O	4,730	5,112	6,840	7,626	6,999	6,849	5,647	6,231	6,838	5,891
5	20,013	27,269	28,795	28,404	30,707	29,849	27,187	30,232	31,588	31,537

Nable. 1 Derived from reported value of amount sold or used. 2 Amount sold or used plus imports minus.

Bureau of Mines, Nararais Yearbook.

# Mining and Mineral Products

No. 1179. IRON ORE-SUMMARY: 1970 TO 1985

[in millions of long tons, except as indicated. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also Historical Statistics, Colonial Times to 1970, series M 205-211]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985
Number of mines	74	67	54	51	49	37	32	27	20	20	20
Production 1 Lake Superior	69.6	78.9 66.7	55.8 44.0	81.6 72.7	85.7 77.2	69.6 62.3	73.2 67.5	35.4 31.0	37.6 35.6	51.3 49.7	48.8
Northeastern	3.5 14.3	1.9 9.6	9.8	8.9	8.6	7.3	5.7	4.4	2.0	1.6	U
Hematite *		19.2 58.4 1.2	11.5 43.1 1.1	15.9 64.8 .8	13.9 71.0 .8	11.8 57.8	10,6 62.6	6.7 28.7	5.4 32.2	(NA) (NA) (NA)	(NA (NA
Shipments <sup>3</sup>	942	75.7 1,621 21.41 12.3	54.1 1,423 26.32 14.8	83.2 2,401 28.86 12.4	86.2 2,814 32.64 11.3	69.6 2,544 36.56 11.7	72.2 2,915 40.39 12.7	35.8 1,492 41.72 12.1	44.6 1,945 43.61 4.1	50.9 2,248 44.17 5.3	49 4 2,077 42.03 6.0
Price (Lake Superior ores) Dec. 31: Natural ores, basis 51.5% Fe (dol./lg. ton)	44,9 23,9 13.0 2.0 480 5.5	18.50 46.7 19.1 13.1 7.5 860 2.5 60	21.18 37.9 25.3 6.2 2.2 957 2.1 63	22.30 33.6 19.2 6.1 4.0 845 4.2 137	24.56 33.8 22.6 4.6 3.1 923 5.1 179	28.50 25.1 17.3 3.6 2.0 773 5.7 231	32.53 28.3 18.8 5.1 1.7 948 5.5 245	32.53 14.5 9.3 1.6 1.0 471 3.2 151	30.03 13.2 8.8 1.3 1.3 446 3.8 183	30.03 17.2 11.2 1.5 2.5 529 5.0 239	(NA 15 8 8 6 2 1 2 5 452 5 0 241
World production (est.)	754	932	828	833	889	877	845	768	726	817	845

Represents zero. NA Not available. ¹ Includes Southeastern district and byproduct one, not shown separately a redominant mineral. ¹ Beginning 1976, includes byproduct one. ⁴ Includes countries not shown separately. § nuroe: U.S. Bureau of Mines, Minerals Yearbook.

# NO. 1180. GOLD AND SILVER—SUMMARY: 1970 TO 1986 [See Historical Statistics, Colonial Times to 1970, series M 268-269, for mine production]

ITEM	Unit	1979	1975	1980	1981	1982	1963	1984	1985	pred.
GOLD					<u> </u>				!	
Ore produced 1	1,000 sh. ton	3,887	5,722	9.893	12.729	17.918	24.142	30,497	35,909	60.60
Production, U.S	1,000 fine oz	1.743	1.052	970	1,379	1,466	2.003	2.085	2,427	3.73
Value	Mil. dol		170	594	634	551	849	752	771	1.37
Vorid production	1.000 fine oz	47.522	38.476	39,179	41,250	43,105	44,996	48,475	48,673	50.00
ndustrial consumption	1,000	1	30,	00,	1.,200	10,.00	44,000	10,110	10,0.0	,
U.S., net	1,000 fine oz	5,973	3.993	3.215	3.276	3.423	3,101	3.164	2,909	2.97
mports *	Mil. dol	237	457	2,750	2,157	1.894	1.977	2,947	2,896	5.00
Canada			182	1.234	1.314	1,124	987	1.554	1.555	2.44
Soviet Union	Mil. dol		1 10	88	22	1,124				15
South Africa	Mil dol	(z)	هٔ ا	33	186	38	16		1 -	7
Exports	Mil dol	36	493	3,648	3.072	1.089	1.326	1.813	1.254	1.72
Price per fine oz.º	Dollars		161.5	612.6	459.8	375.9	424.0	360.7	317.7	388
Production:		30.7	101.5	012.0	450.0	375.	727.0	300.7	317.7	300
Nevada	1,000 fine oz	480	333	278	525	757	961	1.021	1,276	2.00
South Dekota		579	305	268	278	165	310	311	356	
Utah		408	190		228	175	236		135	8.9
Cust	1,000 1819 02	400	190	180	226	1/5	230	(D)	135	, w
SALVER			l					i		
Ore produced 1.4	1,000 sh. ton	934	919	2.936	5.579	6,636	8,658	9.392	5.347	6,42
Ore produced 1.4 Production, U.S	1 000 fine oz	45.006	34,938	32,329	40.683	40,248	43,431	44.502	39,433	34.22
Value	Mil dol	60	154	667	428	320	497	363	242	18
World production	1 000 fine oz	300.991	303,112	342,804	381.817	371,150	366,533	412,089	421.041	419.78
ndustrial consumption	.,000	000,00	000,112	012,001	100.,0	10. 1,130	,	712,000	721,041	7.0.70
U.S., net *	1,000 fine oz	126 404	157.850	124,894	116,870	118,840	116,464	114,841	118,555	118.94
mports *	Mil dol	104	394	1,606	1.028	927	2.124	963	952	79
Canada			150	690	375	303	420	301	286	28
Mexico			96	282	228	205	340	336	251	25
Peru	AAH dol	19	76	354	273	143	269	197	78	5
Exports					332	209	377	206		
Price per fine oz. 9 6	Dollars		148	1,910	10.52	7.95			161	14
Production: 4	CONETS	1 1.77	4.42	20.63	10.52	7.85	11.44	8.14	6.14	5.47
Ideho	A44 4	1	1 400	407	1 40 -					
Ariana	MR. WID 02	19.1	13.9	13.7	16.5	14.8	17.7	18.9	18.8	11,
Arizone			6.3	6.3	8.1	6.3	4.5	4.2	4.9	1 44
Utah			2.8	2.2	2.9	4.3	4.8	9	(D) .5	(0)
Colorado	i Mail. fine oz	2.9	3.4	3.0	3.0	1.9	2.1	1 2.2	i .5	

Represents zero. D Withheld to avoid disclosure. Z Less than \$500,000. <sup>1</sup> Gold and eliver are also produced from base-metal ones and placers. In 1975, those sources accounted for 38 percent of gold produced and 65 percent of aliver. <sup>2</sup> General imports, 1970 and 1975; thereafter, imports for consumption. <sup>3</sup> Setting price. <sup>4</sup> Includes gold-eliver one.

Source: U.S. Bureau of Mines, Minerals Yearbook.

#### No. 1181, LEAD-SUMMARY: 1970 TO 1986

I of short tone, except se Indicated. Excludes Alaska, Heweii, and Puerto Rico, except for imports and exports and as noted. See also Historical Statistics, Colonial Times to 1970, series M 242-248]

ITEM	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986, prel.
es and base bullion <sup>1</sup> s and base bullion and base bullions	667 528 139 597	636 530 106 658	623 553 70 848	634 584 50 883	604 560 43 745	546 485 61 707	565 507 58 630	567 506 61 555	436 364 72 698	537 459 79 679	404 379 24 678
at: and bars and matte ned pig lead <sup>3</sup> of metal, primary and secondary	244 112 8 1,361	101 88 21 1,297	244 58 9	211 44 12 1,497	90 49 181 1,180	112 65 26 1,287	101 39 56 1,185	144 52 19 1,266	178 76 5	147 47 28 1,266	155 96 12 1,240
common lead: sents per lb.)	15.69 13.76 572	21.53 18.73 621	33,65 29,86 584	52.64 54.52 579	42.46 41.21 607	36.53 33.30 491	25.54 24.66 565	21.68 19.27 495	25.55 20.12 356	19.07 17.84 456	22.05 18.43 375
dol.)production, primary (est.)		267 3,633 (NA)	394 3,466 5,230	610 3,611 5,241	515 3,506 (NA)	359 3,439 (NA)	289 3,539 (NA)	215 3,579 5,027	182 3,494 5,027	174 3,736 (NA)	3,540 (NA

<sup>&</sup>lt;sup>1</sup> Excludes lead content of antimonial lead. <sup>2</sup> Plos. bars. and anodes. <sup>2</sup> includes Alaska.

# No. 1182, COPPER—SUMMARY: 1970 TO 1986

te of short tone, except as Indicated. Excludes Hewaii and Puerto Rico, except for imports and exports. See also Historical Statetics. Colonial Times to 1970, series M 235-2411

ІТЕМ	1970	1975	1979	1960	1981	1982	1983	1984	1985	1986, prel.
copper produced:	151		1	100	10.				6.0	
domestic ores)	1,720	1,413	1,595	1,302	1,696	1,264	1,144	1,215	1,219	1,265
e produced 1 (mil. sh. tons)		263	306	244	306	201	196	189	179	186
yield of copper (percent)		.47	.47	.48	.51	.55	.51	.58	.62	.62
om domestic ores)	1,605	1,374	1,448	1,096	1,427	1,037	979	1,091	1,035	1,001
world total	24	17	16	13	16	12	11	12	11	11
rom domestic ores)	1,521	1,286	1,557	1,241	1,577	1,158	1,134	1,201	1,106	1,183
ores, matte, etc., refinery		157	114	98	125	194	169	83	59	(D)
efined, domestic and foreign		1,443	1,671	1,339	1,702	1,352	1,303	1,284	1,165	1,183
oper produced		972	1,711	1,584	1,563	1,309	1,194	1,234	1,256	1,252
rom old scrap only		369	666	676	659	571	495	508	555	528
nufactured) 3	392	324	310	603	474	558	636	573	464	627
		147	225	471	364	285	507	490	416	553
ned metallic copper	221	172	81	16	27	34	90	101	42	14
pers), Dec. 31	470	519	374	354	472	552	362	390	(NA)	(NA)
on of recoverable copper		1,413	1,595	1,302	1,696	1,264	1,144	1,215	1,219	1,265
***************************************		813	1,043	849	1,147	848	748	823	878	870
		88	77	42	69	72	37	(D)	17	(D)
·		146	181	165	170	(D)	(D)	(0)	(D)	(D)
***************************************	296	177	213	174	233	208	187	(D)	(D)	(D)
Santa and all and a see that		189	77	72	77	136	173	393	324	395
mestic production (cents per lb.)		64.2	93.3	102.4	85.1	74.3	79.3	68.2	67.0	66.1
production		8,069	8,833	8,432	8,820	8,764	8,967	9,264	9,462	9,428
capacity	(NA)	(NA)	11,180	(NA)	(NA)	(NA)	12,692	12,895	(NA)	(NA)

I to avoid disclosure of individual company data. NA Not available. I includes old tailings, smelted or I comparable with mine production figures which include recoverable copper content of ores not classified as Includes production from foreign ores. Includes copper imported for immediate consumption plus material by under bond. Beginning 1979, includes imports for consumption. Comprises copper in ores and concentrates, blister, and scrap.

# No. 1183. COBALT-SUMMARY: 1970 TO 1986 [in millions of pounds of contained cobalt, except price]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ne	7	-	1.2			-	-	-	-	2	1	
scrap) 1	.1	.3	.5	1.0	1.2	1.2	1.0	.9	.7	.9	.9	2.6
***************************************	12.4	6.6	17.5	19.0	20.0	16.3	15.6	12.9	17.2	25.3	17.7	12.3
***************************************	(NA)	2.2	7.5	7.9	8.8	6.2	4.2	5.0	7.7	11.8	4.8	.7
	(NA)	-	2.4	2.1	3.5	2.2	1.5	1.2	2.3	3.8	4.3	3.5
***************************************	(NA)	1.1	1.3	.9	1.2	1.1	1.2	.8	1.0	1.0	1.0	.6
***************************************	1.5	1.8	.9	1.5	.7	.6	.8	.6	.8	.7	.6	1.0
	13.4	12.8	16.6	20.0	17.4	15.3	11.7	9.5	11.3	12.9	13.5	14.4
Principal of the Control of the Cont	81.0	49.5	44.5	45.2	44.2	43.3	42.2	45.1	47.3	47.6	(NA)	(NA)
*,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	79.1	47.6	40.9	40.8	40.8	40.8	40.8	43.8	45.9	46.2	(NA)	(NA)
	1.9	1.8	3.7	4.4	3.4	2.5	1.4	1.3	1.4	1.4	1.1	1.5
nd * (dollars)	2.20	3.98	5.58	1 6.40	24.58	25.00	14.58	8.56	5.76	10.40	11.43	7,49

nts zero. NA Not available. <sup>1</sup> Reported consumption of purchased scrap. <sup>2</sup> includes countries not shown <sup>3</sup> Content of unwrought cobalt and cobalt alloys, and waste and scrap. <sup>4</sup> includes cobalt sold but not delivered, stocks only. <sup>6</sup> 1970-77 weighted average based on the market price quoted by a major U.S. cobalt dealer; ed on range of prices; 1980-86 weighted average "Metals Week" prices.

7 Represents low price for years. Price av 6.40 lb. to 20.00 per lb.

<sup>.</sup> Bureau of Mines, Minerals Yearbook.

ibles 1182 and 1183: U.S. Bureau of Mines, Minerals Yearbook.

# Mining and Mineral Products

No. 1184, NICKEL-SUMMARY: 1970 TO 1985

hort tons. Excludes Alaska, Hewell, and Puerto Rico, except for imports and exports. See also Historical Statistics, Colonial Times to 1970, series M 231-234]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985, prel.
Mine production	16	17	16	14	14	15	15	12	3		15	6
Plant production: Primary 1	16	14	14	13 45	11	12	11	10	3 43	(D) 50	10 55	5
Secondary 2	156	161	188	195	240	12 57 177	189	52 209	130	152	177	158
Exports (gross weight)	31	30	47	39	36 181	51	57	47	57	44	59	51
Stocks (consumer), Dec. 31	156 25	146	163	155	181	196	156	145	104	128	137	120
Price per pound 3 (dollars)	1.33	2.20	2.20 873	2.41 913	2.10 725	3.20 756	2.85 859	2.65	2.24 682	2.20 735	2.22 833	2.26 857

Represents zero. D Withheld to avoid disclosing company proprietary data. <sup>1</sup> From domestic ores. <sup>2</sup> Includes nicital recovered from iron and steel scrap. <sup>2</sup> Through 1979, peak price quoted U.S. buyers by international Nichel Co., Inc., for electrolytic nickel, U.S. duty included, f.o.b. Port Colborne, Ontario; thereafter, New York dealer price.

No. 1185. TIN-SUMMARY: 1970 TO 1986

[In thousands of short tons, except price. See headnote, table 1184, for exclusions]

ITEM	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986 prel
Production: Domestic smelters	(D)	7.2	6.5	5.1	3.3	2.2	3.9	2.8	4.4	3.3	3.5
	22.4	17.5	23.3	23.7	20.5	17.0	15.8	15.7	17.0	15.6	15.4
Metal Ore (tin content) Exports	56.7 5.2 5.0	48.9 7.1 4.0	51.6 4.3 5.2	53.3 5.0 3.8	50.7 .9	50,6 .3 1 2.6	30.8 2.2 6.4	37.5 1.1 1.5	45.4 3.6 1.6	37.3 1.8 1.6	39.4 4.3 1.7
Price of Straits tin at NY, dol. per lb. <sup>2</sup>	1.74	3.40	6.30	7.54	8.46	7.33	6.54	6.55	6.24	5.96	3.70
	83	62	68	69	62	60	51	50	54	55	48
	256	245	266	270	270	278	242	217	219	208	199

<sup>&</sup>lt;sup>1</sup> Excludes reexports. <sup>2</sup> See footnote 5, table 1150. D Withheld to avoid disclosure of individual company data. No. 1186. Tungsten Concentrate—Summary: 1970 to 1986

[Excludes Alaska and Hawaii. See Historical Statistics, Colonial Times to 1970, series M 225-228, for related data]

ITEM	Unit	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986, prel.
Production:	10.00		-	-		Ĭ.,		-	-		·
Concentrates (60% WO <sub>2</sub> basis) 1	1,000 sh. ton	10.1	5.8 5.5	7.0 6.6	6.3	8.2 7.8	3.6	(NA)	(NA) 2.6	(NA)	(NA)
Tungsten content	Mil. Ib	9.3	5.5	6.6	6.0	7.8	3.5	2.2	2.6	2.2	1.7
Shipments from mines:						2.2	100	100		1000	
Reported value f.o.b. mines	Mit. dol	23.8	29.1	55.8	50.6	62.2	22.1	10.5	13.4	9.1	5.8
Avg. value per lb. of tungsten	Dollars	2.55	5.30	8.40	8.38	7.96	6.35	4.70	5.20	4.23	3.21
Imports for consumption 2	Mil. lb	3 1.3	* 6.9	11.4	11.4	11.8	7.8	6.3	12.8	10.5	56
Consumption 2	Mil. lb	16.7	14.0	21.6	20.4	21.7	9.9	11.4	18.9	15.1	10.6
Stocks,2 end of year	Mil. Ib.	2.2	2.5	1.6	1.4	1.7	4.0	2.5	2.2	2.5	12
World production 3,	Mil. Ib	71.4	84.5	107.1	114.6	110.8	92.9	94.2	110.6	106.5	99.4
		deline of								1	

NA Not available.

Tungsten content. <sup>1</sup> A short ton of 60% tungeten trioxide (WO<sub>0</sub>) contains 951.72 pounds of tungeten.
<sup>6</sup> General imports.

Source of tables 1184-1186: U.S. Bureau of Mines, Alinerals Yearbook.

# No. 1187. Uranium Industry—Summary: 1973 to 1985

[Middle demand case. See table 939. See also Historical Statistics, Colonial Times to 1970, series M268-267]

ITEM	Unit	1973	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985
Production	1,000 sh. tons 1,000 sh. tons	13.2	11.6	14.9	18.5	18.7 -1.6	21.9	19.2	13.4 6.3	10.6	7.4 5.2	5.7 3.2
lent)	1,000 sh. tons	(NA)	(NA)	1 21.5	35.6	42.B	54.4	64.0	68.6	75.0	# 80.1	¥ 76.9
Price (1983 dol./lb U <sub>4</sub> O <sub>4</sub> ):		604	644	1877	5.70	1	0.00	12.00	10.5	1.50	1000	1000
Long-term contract price	Dollars	20.40	36.50	46.40	45.30	43.10	35,50		25.90	27.20	22.60	21.10
Spot market price	Dollars	13.10		65.20	62.20	56.40	38.60		20.80	23.00	16.60	14.50
Delivered price	Dollars	14.50	18.10	30.50	31.10	31.60	34.20	35.70	41.60	38.20	P 31.30	* 29.26
Capital expenditures (1983	444	100	11.00		10.00	1000	1.75		Vac -	1	100	100
dollars)	Mil. dol	(NA)	461	1,159	1,069	1,060	949	461	173	67	37	32 13
Mining and milling	Mil. dol	(NA)	251	760	617	642	625	300	96	30	12	13
Exploration	Mil. dol	100	210	399	452	418	324	161	77	37	25	19
Employment	1,000	6.6	9.7	18.8	21.4	22.2	19.9	13.7	9.1	37 5.6	2.9	1.9
Mining and milling	1,000	5.0	7.6	14.6	17.0	18.1	16.5	11.4	8.3	5.2	2.7	1.7
Exploration	1,000	1.6	2.0	4.1	4.4	4.1	3.4	2.3	.8	4	.2	2

VA Not available. <sup>1</sup> Natural U<sub>7</sub>O<sub>2</sub> only. <sup>2</sup> Includes natural U<sub>7</sub>O<sub>3</sub> (uranium cedde), natural UF<sub>4</sub> (uranium hausilluonide), ural UF<sub>4</sub> under usage agreement, UF<sub>4</sub> at enrichment suppliers, enriched UF<sub>4</sub> and tabricated fuel. <sup>2</sup> Average U.S. contest us *and market price settlements*.

# No. 1188, ZINC-SUMMARY: 1970 TO 1986

thousands of short tons. Excludes Alaska and Hawall. See Historical Statistics, Colonial Times to 1970, series M 249-250, for production)

EM AND STATE	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986, prel.
ction, primary slab zinc	236 404 474	438 341 308 130 58 39.0	450 310 355 95 51 34.4	448 278 295 154 38 31.0	521 389 281 240 59 37.3	375 281 256 120 32 37,4	382 341 286 96 55 44.6	252 194 213 38 82 38.5	260 215 232 28 76 41.4	279 271 218 61 86 48.6	288 232 218 70 80 40.3	279 212 211 69 69 38.0
production, est		5,526 (NA)	6,407 7,666	6,483 8,487	6,900 8,524	6,668 (NA)	6,708 (NA)	6,461 (NA)	6,835 8,529	7,194 8,600	7,489 8,700	7,345 8,924
on, recoverable zinc	534 57 41 51 59 118 208	469 48 41 75 77 83 145	450 40 31 82 71 90 136	334 24 36 65 29 97 83	295 11 33 68 13 94 76	350 15 31 69 37 123 75	344 (0) (0) 58 41 130 116	334 (D) (D) 70 58 134 72	303 (D) (D) 63 63 121 56	279 (D) (D) 50 (D) 128 101	250 (D) (D) 54 (D) 115 81	(D) (Z) 42 (D) 113

to avoid disclosure of individual company data. NA Not available. Z Lees than 500 tons. Bureau of Mines, Minerals Yearbook, and Mineral Facts and Problems.

No. 1189. BAUXITE—SUMMARY: 1970 TO 1986

[See also Historical Statistics, Colonial Times to 1970, series M 256-257]

ЕМ	Unit	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
	Mil. lg. ton Mil. lg. ton Mil. dol	2.5 2.1 30,1	2.2 1.8 25.1	2.0 1.6 23.2	2.2 1.8 24.9	1.8 1.5 22.4	1.8 1.5 26.5	.9 .7 12.3	.8 .7 11.3	1.0 .8 15.6	.8 .7 12.9	10.4
a, dried)	Mil. lg. ton	13.6 7.5 .5 2.9 159.8	11.5 5.4 2.6 1.9 245.1	13.8 6.4 3.4 2.3 397.5	13.6 6.4 3.9 1.5 389.1	13.9 6.0 4.0 1.3 (NA)	12.6 5.4 3.6 1.1 (NA)	10.0 4.1 4.3 .4 (NA)	7.5 3.1 3.7 .2 (NA)	9.3 3.7 3.7 .3 (NA)	7.0 1.5 3.7 .2 (NA)	6.4 2.1 3.3 (NA)
pped)	1,000 ig. ton Mil. dol	3	19 1.7	23 1.5	24 3.3	28 (NA)	40 (NA)	48 (NA)	73 (NA)	81 (NA)	55 (NA)	(NA)
try equivalent)	Mil. lg. ton Mil. lg. ton	15.7 56,9	12.4 73.6	14.5 79.7	15.4 84.2	15.7 87.8	13.3 84.0	9.1 78.1	9.0 77.4	10.4 86.4	8.1 83.0	6.8 84.6

illable. Includes countries not shown separately. Source: U.S. Bureau of the Census. See footnote 1, table

ipt as noted, U.S. Bureau of Mines, Minerals Yearbook.

No. 1190, ALUMINUM-SUMMARY: 1970 to 1986 [See also Historical Statistics, Colonial Times to 1970, series M 258-262]

ЕМ	Unit	1970	1975	1978	1979	1980	1981	1982	1983	1964	1985	1986
	Mil. sh. ton	4.8	4.9	6.1	6.4	6.5	6.4	5.2	5.4	6.4	5.8	5.3
.m	Mil. sh. ton		3.9	4.8	5.0	5.1	4.9	3.6	3.7	4.5	3.9	3.3
y	Mil. sh. ton	4.3	5.0	5.2	5.3	5.5	5.5	5.5	5.5	5.4	5.2	4.5
ninum 1	Mil. sh. ton		1.0	1.3	1.4	1.4	1.5	1.6	1.7	1.9	1.9	2.0
ary metal)	Bil. dol	2.6	3.7	6.6	7.8	9.3	9.8	8.0	8.5	10.4	(NA)	(NA)
m.	Bil. dol	2.2	3.0	5.2	6.1	7.3	7.5	5.5	5.8	7.3	6.2	5.4
per lb.*)	Cents/lb	28.7	39.8	54.0	61.0	71.6	76.0	76.0	77.8	81.0	81.0	81.0
ninum	Bil. dol	.5	.8	1.4	1.7	2.0	2.3	2.5	2.7	3.1	(NA)	(NA)
sumption *	1,000 sh, ton	468	550	1,080	840	713	935	968	1,203	1,628	1,565	2,168
	Bil. dol	.2	.4	1.1	1.0	1.0	1.4	1.3	1.6	2.5	2.0	2.7
	1,000 sh. ton	612	440	520	773	1,483	867	824	855	809	1,001	830
***************************************	Bil. dol		.4	.7	1.1	2.4	1.5	1.2	1.3	1.3	1.3	1.2
et domestic)	Mil. sh. ton	4.5	4.6	6.8	6.9	6.1	6.2	5.6	6.4	7.2	7.0	7.2
on, est		10.6	13.4	15.6	16.0	17.0	16.6	14.8	15.3	17.3	16.9	16.9
pacity	Mil. sh. ton	12.0	16.4	18.9	19.4	18.7	19.0	19.2	19.5	20.1	19.9	19.8

illable. 

<sup>1</sup> Recoverable aluminum content from scrap, old and new.

<sup>2</sup> Resed on published producers' prices for

<sup>3</sup> Average of prices for primary aluminum, 1970–1978, quoted by *American Metal Marksi*; thereafter *Metals*doe and semicrude (including metal and alloys, plates, bars, etc., and scrap).

<sup>4</sup> Compiled by Aluminum

m date on net shipments of aluminum ingot and mill products. Includes changes in aluminum industry and
entories and net trade.

Bureau of Mines, Alinerals Yearbook.

#### No. 1191, Magnesium-Summary: 1970 to 1985

[in thousands of short tone, except as indicated. Magnesium metal is used primarily in the manufacturing of aircraft, automotive, and other types of transportation equipment, material-handling equipment, power tools, and alloying with other metals]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1965
Production (domestic)	124	148	159	185	200	209	200	145	161	207	196
Primary 1	112	120	126	149	162	169	154	102	115	159	150
from scrap)	12	28	33	36	37	40	46	43	46	48	46
Exports	36	33	28	42	54	57	35	40	47	48	40
Value (mil. dol.)	22.5	48.2	51.8	75.8	113.8	127.7	90.8	104.8	124.7	136.7	113.6
Imports	3	8	6	7	5	4	7	5	6	9	9
Value (mil. dol.)	2.5	11.5	8.0	10.1	9.0	8.3	17.6	15.6	16.3	25.7	25.1
Consumption	93	94	104	109	109		91	75	82	90	84
products	23 37	19	20	19	19	17	15	14	15	14	17
Alloys (aluminum)	37	47	56	59	61	54	51	40	46	49	41
Other	33	28	28	31	29	24	25	21	21	27	26
Price per pound (cents)	35	82	96-99	99-101	101-109	107-125	125-134	134	138	143-148	148-153
World production (primary)	242	258	284	318	339	348	340	280	286	360	361

<sup>&</sup>lt;sup>1</sup>For 1975-1980, figures are the difference between total North American production reported by the International Magnesium Association and Canadian production.

#### No. 1192. PLATINUM-GROUP METALS-SUMMARY: 1970 to 1986

[In thousands of troy ounces, except as indicated. The platinum group is comprised of six closely related metals. The metals commonly occur together in nature and are among the scarcest of the metallic elements. The metals are refractory, are chemically inert toward a wide variety of materials even at high temperatures; are used as catalysts in the chemical, petrolaum refining, and automotive industries, and as corrosion-resistant materials in the chemical, electrical, glass, and dental-medical industries]

ITEM	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
World mine production, total I	4,239	5,714	6,440	6,487	6,848	6,931	6,424	6,525	7,648	7,938	7,834
	2.200	2,650	2 160	3.200	3.250	3.350	2 500	3.600	2 700	(D)	7 050
U.S.S.RSouth Africa	1,503	2,600	2,860	3.017	3,100	3,110	2,500	2,600	3,700	3,800	3,850
Primary refined		17	2,000	8	3,100	3,110	2,000	2,000	3,500	3,700	3,000
Secondary refined	350	270	257	309	331	392	344	303	340	259	231
Imports.	1,411	1,820	2.921	3.479	3.502	2,850	2,494	3.218	4.474	3 990	4.477
Value (mil. dol.)		273	450	841	1,177	800	554	753	1,118	1.026	1.347
Exports	414	660	703	900	765	863	836		1,162	889	751
Value (mil. dol.)	43	88	102	202	341	302	182	310	275	187	202
Consumption 3	1,331	1,309	2,260	2,756	2,206	1,921	1,873	1,914	2,200	2,271	2,250
Industry stocks, Jan. 1	1,068	1,122	1,013	861	761	973	918	1,107	943	1,319	1,129
Producer price per troy ounce (dol.):	17.72	1	17.34	100	1	1.532	100	1	1000	100	1.77
Platinum	133	164	237	352	439	475	475	475	475	475	519
Palladium	38	93	71	113	214	130	110	130	147	127	131
Rhodium	215	338	510	733	766	641	600	600	625	915	1,196
Indium	156	477	300	257	505	600	600	600	600	600	600
Ruthenium	53	60	56	45	45	45	45	45	* 45	132	(2)
Osmium	215	200	150	150	150	150	137	110	(-)	(-)	(*)

D Withheld to avoid disclosing company proprietary data. \*Preliminary. \*Includes countries not shown separately. \*Reported sales to consumers. \*Price suspended June 7, 1984. \*Price suspended Jan. 13, 1984.

# No. 1193. TITANIUM-SUMMARY: 1970 TO 1986

(in 1985, approximately 63 percent of the titanium metal was used in jet engines, airtrames, and space and miselle applications; approximately 20 percent was used in the chemical processing industry, power generation, and in marine and ordinance applications; and 17 percent in steel and other alloys)

ITEM	Unit	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
Imenite concentrate:		1	1	1	-		200	12.				
Mine shipments	1,000 sh. ton	921	702	581	646	594	524	233	(D)	(D)	(D) (D) 507	(0)
Value	Mil. dol	18.6	26.9	25.6	33.0	32.0	37.0	19.1	(D)	(D) (D)	(a)	(D) (D) 466
Imports	1,000 sh. ton	96	122	309	184	357	236	348	259	410	507	466
Value	Mil. dol	1.0	2.1	4.5	2.8	6.7	5.9	8.8	9.3	11,1	14.6	16.8
Consumption	1,000 sh. ton	972	748	792	791	849	856	583	731	783	756	806
Titanium dioxide			7.00		1.0				1.33	1 49	1.55	9
pigments:	A STATE OF THE STATE OF			1	1000	100			100			
Production	1,000 sh. ton	655	603	701	742	727	761	660	760	835	860	917
Imports for	4,112, -10,121,11		7.7							100		
consumption	1,000 sh. ton	60	26	118	105	98	125	139	175	194	196	203
Apparent	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-	-		100	-	1800	1.00		100	100	
consumption	1,000 sh. ton	(NA)	596	802	837	753	806	741	853	916	981	988
Price, Dec. 31:	those and institute	hack	-	-		100	000	14.	000	0.0		-
Anatase	Cents/lb	26	39	46	53	57	69	69	69	69	72	77
Rutile		26-27	44	46 51	53 59	63	69 75	69 75	75	75	78	77 82
World production:	CONTROL INC.		33		20	00	1.0		,,,		, ,	-
Ilmenite concentrate	1,000 sh. ton	3 109	3,194	3,875	3,910	4,107	4.021	3.339	2,948	3,795	3,793	1 2 3,750
Titanium slag			832	1,037	842	1,313	1,245	1,157	1,160	1,260	1,410	1,417
Rutile concentrate.	1,000 att. 1011	000	002	1,007	-	1,010	1,240	10.00	1,100	1,200	1,410	1,411
natural 1	1,000 sh. ton	460	422	333	390	480	399	373	342	376	414	9 439

D. Withheld to evoid disclosing company proprietary data. NA. Not available. <sup>1</sup>Excludes U.S. production data to evail fisclosing company proprietary data. <sup>2</sup>Estimated.

Source of tables 1191-1193: U.S. Bureau of Mines, Minerals Yearbook.

# No. 1184, CHROMITE-SUMMARY: 1970 TO 1986 [In thousands of short tons, except as indicated]

ITEM	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
umption 1	1.405	1,252	1,013	1,024	982	898	507	190	305	414	488
jol.)(.lot	31.8	60.7	51.4	55.6	56.5	49.9	29.7	10.4	15.5	20.2	21.7
	407	289	490	353	405	482	277	144	235	301	341
	248	349	157	250	170	111	34	(z)		-	22
	210	210	185	194	138	145	70	13	48	41	19
	41	139	23	27	6	71	8	11	55	101	92
	73	45	29	28	44	67	57	5	4	4	1
tal	4 403	881	1,010	1,214	977	889	558	320	512	560	427
ndustry	040	532	534	774	577	503	283	64	226	273	2 377
ustry	278	183	237	198	160	148	80	72	97	65	50
stry	213	166	239	242	240	238	195	184	189	222	(a)
1 (consumer)	700	952	1,301	907	675	728	546	456	327	300	314
1	6,672	9,136	12,064	10.277	10.915	10.018	9.231	9.131	10,756	11,630	11,394
	1,573	2.288	3,466	3,634	3,763	3,164	2,680	2,762	3.756	4,077	3,840
	1.020	2,290	3.640	2,535	3,200	3.200	3,240	3,240	3,240	3,240	3,250
	624	573	595	613	547	484	355	294	288	300	202

a zero. Z. Fewer than 500 short tons. Includes countries not shown separately. For 1986, chemical 3 with metallurgical industry.

Bureau of Mines, Minerals Yearbook.

#### No. 1195, FERROALLOYS-SUMMARY: 1970 to 1986

uction data for ferroalitys are developed by the Bureau of Mines by means of monthly and annual surveys. Selfined as an alloy of iron and contains a sufficient amount of one or more chemical elements to be useful as an oducing these elements into molten metal, usually steel. The major consumers of ferroalitys are the steel and y industries; see tables 1275–1276]

		QU	ANTITY (1,	000 sh. to	ins)				VALUE (	nil. dol.	)	
	1970	1975	1980	1984	1985	1986	1970	1975	1980	1984	1985	1986
\$ 1	2,489.6	1,768.1	1,486.1	1,153.9	941.7	854.6	548.1	906.7	1,129.9	760.5	699.2	664.8
2	807.4	556.1	194.3	185.5	156.6	111.6	134.5	222.5	99.6	106.3	100.9	90.9
	173.0	126.4	161.6	(3)	(3)	(2)	32.0	53.9	70.3	(3)	(3)	(3)
al	(NA)	22.1	(NA)	(3)	(a)	(3)	(NA)	(NA)	(NA)	(3)	(2)	(3)
	659.2	709.9	681.4	498.1	404.7	371.3	136.2	321.5	442.6	259.4	190.4	218.4
		131.1	124.5	139.4	121.6	126.1	(NA)	(NA)	(NA)	171.8	157.2	148.8
	370.9	223.5	237.5	120.8	108.5	115.7	126.3	177.5	179.9	102.1	97.7	87.6
	1.4	.5	1.3	(D)	(D)	(D)	9.4	3.5	34.5	9.8	8.8	(D) 7.2
	176.1	96.0	85.4	113.5	54.9	53.8	6.5	10,9	13.1	18.1	7.9	7.2
S	(NA)	(NA)	155.5	133.5	106.0	83.7	(NA)	(NA)	173.8	165.0	135.3	115.2
***********	151.1	97.4	128.5	124.8	98.5	72.8	55.7	58.9	93.1	66.0	63.4	39.2
******	(NA)	(NA)	27.0	8.8	7.5	10.8	(NA)	(NA)	80.7	98.1	71.9	76.0
***************************************	(NA)	(NA)	14.4	4.4	2.1	5.4	(NA)	(NA)	65.5	88.5	61.6	65.2
***************************************	3.0	3.3	12.3	4.1	5.2	5.1	2.0	3.3	11.5	5.9	7.2	7.9
s	(NA)	927.3	1,149.1	1,220.0	1,131.2	1,314.2	(NA)	482.9	643.7	629.4	600.5	641.3
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	385.5	913.6	1,115.9	1,176.8	1,066.9	1,259.2	60.5	466.0	585.9	537.0	488.4	544.6
loys	305.5	451.9	683.5	548.0	532.7	594.5	33.3	151.4	240.8	162.5	155.9	179.4
	22.4	70.4	71.2	143.7	155.4	223.0	4.1	42.0	42.6	72.9	74.0	100.6
anonomo.	41.3	322.9	302.3	433.8	335.0	397.6	9.6	192.7	155.8	187.2	158.6	178.4
**************	(NA)	13.7	33.2	43.2	64.3	55.0	(NA)	16.9	57.8	92.4	112.0	96.6
	(NA)	7.7	21.3	25.2	51.8	40.9	(NA)	6.2	21.4	55.4	83.4	65.2
-	1.9	1.6	4.1	4,7	4.0	4.5	3.1	6.6	28.4	24.1	19.6	21.6
	1.3	4.4	7.9	13.3	8.6	9.7	,5	4.0	8.0	13.0	9.1	9.8

to avoid disclosure of individual company data. NA Not available. I includes other not shown separately, ad-east electrolytic low and medium-carbon ferromanganese.

Bureau of Mines, Minerals Yearbook.

# No. 1196. BERYLLIUM-SUMMARY: 1970 to 1986

except as indicated Represents beryllium mineral concentrates. Beryllium has great stiffness, (exceeding that of including steels), useful heat diseipation properties, a very high strength-to-weight ratio, useful nuclear moderating properties, and excellent corrosion resistance. Its major use is as a beryllium-copper alloy in communications, ritching, and other electronic and electrical applications)

ITEM	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
ton unit BeO² (dollars)	4,942	1,479	1,031	1,037	1,703	2,138	2,652	2,194	1,332	1,646	1,510
	9,496	4,850	5,916	9,518	8,508	8,141	5,387	6,989	9,003	(NA)	(NA)
	35	32	40	47	69	94	121	126	88	87	88
	5,698	3,546	1,346	835	1,350	2,223	5,112	7,037	5,653	(NA)	(NA)
	6,857	3,290	2,888	2,642	10,272	10,609	9,003	9,950	9,850	8,973	9,874

<sup>&</sup>lt;sup>1</sup> includes bertrandite are which was calculated as equivalent to beryl containing 11% BeO.

Bureau of Mines, Minerals Yearbook.

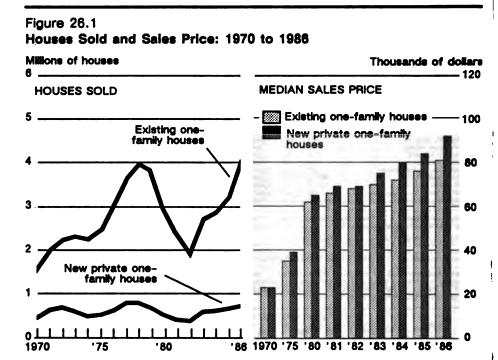
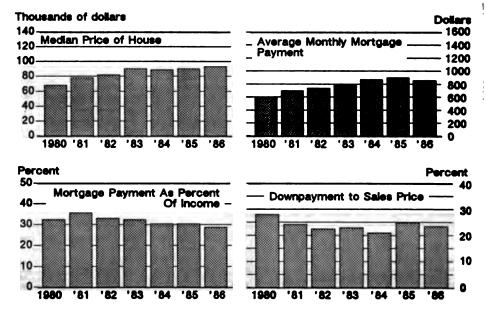


Figure 26.2

Recent Home Buyers-General Characteristics: 1980 to 1986

Source: Chart prepared by U.S. Bureau of the Census. For data see tables 1212, 1213 and 1215.



Source: Chart prepared by U.S. Bureau of the Census. For data see table 1231.



Section 26

# Construction and Housing

presents data on the construction industry and on various indicators of its activity housing units and their characteristics and occupants; on public housing; on mortcommercial buildings.

Il source of these data is the U.S. Bureau of the Census, which issues a variety of titons. Construction statistics compiled by the Bureau appear in its monthly Constructions with various quarterly or annual supplements; Housing Starts and Housing Commit data by type of structure and by 4 major census regions; New One-Family Houses Sale also provides statistics annually on physical and financial characteristics for all by the 4 major census regions; Value of New Construction Put in Place includes osite construction cost indexes; Price Index of New One-Family Houses Sold prefigures and annual regional data; and Housing Units Authorized by Building Permits Imately 17,000 permit-issuing jurisdictions in the United States. Statistics on expending of residential properties are issued quarterly and annually in Residential Alterations Reports of the censuses of construction industries (see below) are also issued on

is Bureau publications include the *Current Housing Reports* series, which comprises fousing Vacancies, the quarterly Market Absorption of Apartments, the Annual Housderports of the censuses of housing and of construction industries. Construction thed quarterly by the International Trade Administration, U.S. Department of Combinary of the census series and other construction statistics series from the Federal nd private agencies.

ses include the monthly Dodge Construction Potentials of F. W. Dodge Division, iformation Systems Company, New York, NY, which presents State data on constructhe National Association of Home Builders with State-level data on housing starts; LASSOCIATION OF REALTORS, which presents data on existing home sales; the promic Analysis, which presents data on residential capital and gross housing prodederal Home Loan Bank Board, the Department of Housing and Urban Development e Veterans Administration, which publish financial data. Data on conventional home provided by the Federal Home Loan Bank Board. The Department of Housing and ment provides data on the gross flow of long-term mortgage loans in its study, The tagge Credit, 1970-1979. Data on mortgages insured by the Federal Housing Adminand on VA-guaranteed loans are also presented in this section. The Energy Information provides data on commercial buildings through its periodic sample surveys.

and surveys.—Censuses of the construction industry were first conducted by the Census for 1929, 1935, and 1939; beginning in 1967, a census has been taken every years ending in "2" and "7"). The latest reports are for 1982.

Xensus of Construction Industries, in accordance with the 1972 Standard Industrial Manual (see text, section 13), defines a construction establishment as a relatively use of business where the usual business activities related to construction are con-

through 1930, the Bureau of the Census collected some housing data as part of its sopulation and agriculture. Beginning in 1940, separate censuses of housing have 10-year intervals. For the 1970 and 1980 censuses, data on year-round housing units 1 and issued on occupancy and structural characteristics, plumbing facilities, value,

studies of the 1950, 1960, 1970, and 1980 censuses estimated the underenumeration ousing units at 2.9 percent, 2.4 percent, 1.7 percent, and 1.5 percent respectively, ite in 1980 for all housing units was 2.6 percent or approximately 2.3 million units, 1 h were vacant housing units.

The Annual Housing Survey (Current Housing Reports, series H-150 and H-170), which began in 1973, provided an annual and ongoing series of data on selected housing and demographic characteristics until 1983. In 1984 the name of the survey was changed to the American Housing Survey. It is currently based on a biennial national sample and on 11 annual MSA samples. All samples represent a cross section of the housing stock in their respective areas. Estimates are subject to both sampling and nonsampling errors; caution should therefore, be used in making comparisons with 1970 and 1980 census data.

Data on residential mortgages were collected continuously from 1890 to 1970, except 1930, as part of the decennial census by the Bureau of the Census. Since 1973, mortgage status data, which are limited to single family homes on less than ten acres with no business on the property, have been presented in the Annual Housing Survey.

Housing units.—In general, a housing unit is a group of rooms or a single room occupied or intended for occupancy as separate living quarters; that is, the occupants do not live and eat with any other persons in the structure, and there is either (1) direct access from the outside or through a common hall, or (2) complete kitchen facilities for the exclusive use of the occupants. Transient accommodations, barracks for workers, and institutional-type quarters are not counted as housing limits.

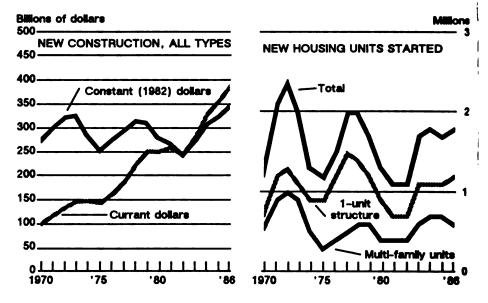
Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross- references, where applicable, to Historical Statistics of the United States, Colonial Times to 1970. See Appendix IV.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986*. For cross-references, see Appendix V.

Figure 26.3

Value of New Construction and Housing
Units Started: 1970 to 1986



Source: Chart prepared by U.S. Bureau of the Census. For data see tables 1200 and 1208.

# ). 1197. CONSTRUCTION INDUSTRIES-SUMMARY, BY INDUSTRY: 1972 TO 1982

sability sample of about 167,000 construction establishments with psyroll in 1972, 181,000 in 1977, and 172,000 in 1982; see Appendix III. N.e.c. = Not elsewhere classified]

	Estab- lish-		LOYEES ,000)		HOLL dol.)		EIPTS I. dol.)	Value
INDUSTRY	ments with payroll (1,000)	Total	Con- struction workers	Total	Con- struction workers	Total	Net construc- tion 1	added a (mil. dol.)
	437.9	4,146	3,487	40,005	32,187	155,850	111,232	68,197
ruction	430.0	4,083	3,464	39,528	32,036	152,722	110,716	67,810
fing contractors	133.1	1,150	938	10,159	7,740	64,350	33,245	17,884
ruction contractors	28.0	827	709	9,255	7,537	31,461	25,357	16,200
contractors	269.0	2,107	1,817	20,114	16,759	56,911	52,114	33.726
***************************************	480.0	4,273	3,565	54,980	43,112	224,665	164,516	98.864
ruction	474.9	4.234	3,548	54,566	42,963	221,622	163,463	98,116
ling contractors	156.0	1,181	963	13,537	10,041	89,787	48,262	25,040
ruction contractors	31.3	917	757	14,267	10,988	50,728	40,272	26,573
contractors	287.7	2,136	1.827	26,762	21,934	81,108	74,929	46,502
	456.7	4,275	3,453	78,666	60,175	324,512	233,267	145,965
ruction	450.8	4.235	3,438	78,097	60,017	321,100	232,005	144,946
ling contractors		994	756	17,049	11,647	117,111	57,367	33.588
ily houses	72.1	310	253	3,606	2,749	20,129	14,116	7,877
Sential buildings	7.5	.63	50	1,078	760	7,953	3,570	1,951
builders	14.1	108	53	1.874	710	18,085	8,841	5,492
uildings and warehouses	7.4	154	122	3.231	2.344	18,119	9.294	5,75€
ntial buildings, n.e.c	22.1	360	278	7,260	5,085	52,825	21,547	12,512
ruction contractors	28.2	852	703	19,444	15,359	71,024	54,654	36.060
nd street construction	10.1	213	180	3,989	3,138	19.035	14,987	8.633
nel, and elevated highway	1.0	38	32	816	665	3,549	2,812	1,468
er, and utility lines		187	160	3.576	2.907	12,129	10,462	7.005
struction, n.e.c.	7.7	415	329	11,063	8,649	36,310	26,392	18,953
The state of the s	1000000	100	N. W. Standard	100000	1.310.43	1000000000	10000000	1,000
contractors a	299.4	2,389	1,979	41,605	33,011	132,965	119,984	75,299
heating, air-conditioning	60.2	512	398	9,861	7,477	33,521	28,846	16,962
aperhanging, decorating	24.8	136	121	1,876	1,589	4,688	4,399	3,360
vork	39.6	435	352	9,107	7,347	26,441	25,252	15,123
nd other stonework	20.2	121	110	1,551	1,344	4,333	4,046	2,667
drywall, insulation	16.4	200	172	3,573	2,930	10,206	9,215	6,009
70	30.8	133	117	1,612	1,352	5,512	4,759	2.929
d sheet metal work	21.1	191	159	3.035	2,321	10.034	9,315	5,460
vork	20.0	157	138	2,310	1,902	8,377	7,447	4.492
steel erection	3.7	62	53	1,291	1,056	3,650	3,233	2.376
and foundation work	19.6	136	115	2,152	1,757	8,473	7,337	5,507
uilding equipment, n.e.c	3.8	60	49	1,449	1,145	4,256	3,971	2.952
de contractors, n.e.c	25.1	172	136	2,960	1,931	9,379	8,324	5.306
developers, n.e.c	5.9	40	15	569	157	3,425	1,263	1,019

receipts less payments for construction work subcontracted to others, not shown separately.

<sup>3</sup> Total receipts is for materials, components, and supplies, (b) payments for construction work subconfracted to others, not shown includes other industries each with less than \$3.0 billion in total receipts, not shown separately.

Itreau of the Census, Census of Construction Industries, 1972, 1977, and 1982, series CC.

# 1196. Construction Materials—Producer Price Indexes: 1970 to 1986

apt as noted. For discussion of producer price index, see text, section 15. Covers materials incorporated as a building or normally installed during construction and not readily removable. Excludes consumer durables such

MODITY	1970	1975	1979	1979	1986	1961	1962	1963	1984	1985	1803
<b></b>	112.5	174.0	228.3	251.4	206.4	263.0	208.0	297.7	206.4	200.6	300.2
Douglas fir	108.7	212.0	339.7	363.9	353.0	311.8	266.2	361.5	328.1	336.6	331.5
	114.7	175.3	304.6	324.2	297.4	291.6	285.9	319.9	319.8	300.7	299.5
	114.6	160.3	235.8	260.0	252.0	255.2	262.4	283.7	319.7	307.2	310.1
	4466	160.4	235.4	254.3	260.4	273.4	279.4	302.3	307.8	312.1	317.5
•	400.	161.2	235.6	250.5	246.5	245.7	232.1	244.1	241.6	231.3	235.3
d boerd		127.1	187.4	182.4	208.2	231.7	239.5	250.0	259.0	257.2	260.7
	112.4	186.9	192.3	204.4	235.3	249.8	262.8	264.7	272.5	276.8	261.2
ducts:			ŀ								
M	113.2	227.8	296.6	303.4	336.3	394.2	416.8	406.4	405.8	405.1	402.8
B 1		77.4	80.9	101.4	106.7	107.0	99.7	92.4	96.9	101.1	102.2
ets and strip 1	34.0	58.7	75.3	83.8	86.1	97.9	100.0	106.3	113.7	113.7	107.3
		241.4	273.5	296.5	331.9	356.9	365.3	358.0	363.0	365.9	364.5
products		171.6	207.8	261.7	305.0	265.8	263.6	276.1	277.1	262.5	250.7
n tube, 6,000	124.1		200	201	000.0	200.0	200.0	2.0	2		200.1
	100.7	159.9	189.7	218.1	242 2	265.9	262.9	285.5	310.5	310.5	310.8
brace fittings		162.3	199.1	217.1	246.7	267.5	276.7	269.3	302.7	311.8	322.1
<b>X</b>		150.7	174.4	187.1	206.5	224.2	237.2	243.8	252.9	259.7	269.3
, trim		162.5	207.8	229.8	255.2	278.8	290.5	296.8	309.8	311.9	316.4
nts		172.3	217.7	244.0	274.0	296.3	310.0	313.3	325.7	336.2	336.9
	1122	170.5	214.0	244.1	273.9	291.2	297.8	302.0	309.8	320.1	325.1
ducts		151.2	197.2	217.9	231.5	249.8	260.8	277.8	286.8	296.9	306.1
***************************************	99.7	144.0	229.1	252.3	256.3	256.2	256.1	286.0	346.7	338.8	350.7
coetings		225.9	292.0	325.3	396.8	407.5	308.4	364.0	300.5	408.7	300.8
	123.2	196.2	250.7	256.3	287.9	(NA)	356.6	369.7	370.7	374.9	377.6

ile. <sup>1</sup> June 1962=100. <sup>2</sup> Dec. 1989=100.

areau of Labor Statistics, Producer Price Indexes, monthly and annual.

### No. 1189. PRICE AND COST INDEXES FOR CONSTRUCTION: 1970 TO 1986

[1982 = 100, Excludes Aleska and Hawaii. Indexes of certain of these sources are published on bases different from those short here. See Historical Statistics, Colonial Times to 1970, series N 118-137, for construction cost Indexes on a 1947-49 base]

NAME OF INDEX	1970	1975	1978	1979	1980	1981	1983	1984	1985	1986
Price index for new one-family houses sold 1	35.1	52.3	70.4	80.1	88.8	97.0	102.6	106.3	108.4	1113
Dept. of Commerce composite 2	36.5	56.4	71.5	80.9	89.7	97.1	102.6	106.4	109.6	111.8
Federal Highway Admin., Highways 3	39.5	65.9	81.3	97.1	111.0	106.7	99.8	105.6	117.2	1169
Bureau of Reclamation composite 4 Federal Energy Regulatory Commission:	37	59	71	78	87	95	101	103	105	106
Pipeline	37	63	76	82	91	99	101	103	(NA)	(NA)
Turner Construction Co.: Building construction 5	40	61	68	76	84	93	105	111	(NA) 115	116
E.H. Boeckh, building cost index: 8				1525						
Small residential structures	38.3	57.4	73.9	80.7	87.4	92.2	105.9	111.9	115.1	117.3
Apartments, hotels, and office buildings		57.1	71.0	76.5	83.4	91.6	106.4	111.2	113.0	114.9
Commercial and factory buildings	36.6	56.2	70.8	77.1	84.1	92.2	105.3	109.4	111.3	1132
Building construction	37.4	58.5	74.9	81.4	87.0	93.9	106.7	108.2	108.7	1112
General construction	36.2	57.8	72.6	78.5	84.6	92.5	106.3	108.4	109.7	1123
Handy-Whitman public utility: *	17.0		100	100	1	-0.0	1	Post I	100	1
Building	37	66	77	86	95	100	103	107	110	113
Electric light and power 9	35	60	72	79	87	95	103	105	107	107

NA Not available. ¹ Excludes value of sits. ¹ Covers both building and nonbuilding construction, excluding maintenance and repair. Represents a weighted everage of various indexes used for different types of construction. ¹ Based on average contract unit bid prices for composite mile (involving specific average amounts of excavation, paving, reinforcing sitsel, structural steel, and structural concrete). ¹ Derived from the four quarterly indexes which are weighted averages of costs of labor, materials, and equipment for the construction of dams and reclamation project. ¹ Eastern cities. Based on firm's cost experience with respect to labor rates, materials prices, competitive conditions, efficiency of plant and management, and broductivity. Reflects payment of resies taxes and employee-barseft costs. ⁴ Average of 20 office for types shown. Weights based on surveys of building costs. ⅓ Building construction index computed on bases of hypothetical unit of construction requiring 6 bib. of portland cement, 1088 Mb. ft. of 2' x 4' lumber, 2,500 lb. of structural steel, and 68.36 hours of sidiled labor. General construction index based on same materials components combined with 200 hours of common labor. ¹ Based on data covering public utility construction costs for 95 items in 6 geographic regions. Covers alled and common labor, does not reflect ter payments nor employee-benefit costs. ⁴ As derived by U.S. Bureau of the Census. Covers steem production plants only.

Source, U.S. Bureau of the Census. In U.S. Department of Commerce, International Trade Administration, Construction Review, bimonthly.

#### No. 1200, Value of New Construction Put in Place: 1980 to 1986

(In millions of dollars, Represents value of construction put in place during year; differs from building permit and construction put in place during year; differs from building permit and construction contract data in timing and coverage, includes installed cost of normal building service equipment and selected types of industrial production equipment (largely site fabricated). Excludes cost of shipbuilding, land, and most types of machinery and equipment. For methodology, see Appendix III. See also Historical Statistics, Colonial Times to 1970, series N 1–29 and N 65-69)

		CUI	RRENT DOLL	ARS		l	CONSTA	MT (1982)	DOLLARS	
			Private					Private		
YEAR	Total	Total	Resi- dential buildings	Nonresi- dential buildings	Public	Total	Total	Resi- dential buildings	Nonresi- dential buildings	Public
1080	54,738	38.875	22,975	10,149	15,863	(NA)	(NA)	(NA)	(ma)	-
1965	78,474	56.554	30,235	17.995	21.920	276,033	198,783	107.240	(NA) 63,223	77.29
1986	61,812	57,986	28,811	19,701	23.846	275,956	195,319	96,962	66.596	80.637
1967	63.521	58,144	28,737	18,855	25,377	272,964	189.976	94,372	61,929	82,98
1986		65.745	34,172	19,402	27.437	288,451	203,456	106.280	59.942	84,996
1969		72.671	37.214	22,530	27,793	291,289	210,743	108,936	64,348	80.54
	1.00,404	12,011	37,214	22,550	27,785	201,200	210,745	100,550	0.,500	
1970	101 261	73.374	35.863	22,770	27,908	277.818	202,989	102.285	60,951	74.660
1971		88,205	46,514	23,872	29.699	302.795	229,096	130,477	58,786	73.00
1972	133 887	103,857	60,693	28,025	30,030	323.535	253,192	152,582	59,959	70,34
1973		115.020	65,065	29,949	32.348	327,299	257,108	148,976	63,808	70,194
1974	147.763	109.631	55,967	31,325	38.132		218,795	116,614	58.274	00.30
	1 ,	1.00,00	00,00	0.,020	33,.32	1	,	110,014	002.4	-
1975	144.311	102,810	51.581	27,545	41,702	255,670	186,264	98,542	49.037	60.367
1976		122.064	88,273	27,028	40.889	276,864	210,507	122,513	46,136	66.357
1977		148,607	92,004	29,693	39,441	295,876	235.368	148,320	47,114	60.510
1978	225,934	178,440	109,838	37,580	47,495	315,895	251.057	154,864	53,610	44.83
1979	252,411	200,720	116,444	49,505	51,690	311.973	250.349	144,450	62,877	61.624
				1	0.,000	10	1200,010			
1980	251,719	193,251	100,381	55,431	58,488	260,741	218,813	112,972	63,833	61.92
1981		203,611	99,241	64,895	56,549	268,055	211.039	102,140	67,758	57.016
1962	246.568	192,855	84,676	69,355	53,713	246.821	192,812	84,663	69.325	53,800
1963	281,286	227,494	125,521	65,675	53,772	274.108	220,731	122,099	63,234	53,377
1904	328.641	270.977	153.849	81,147	57.864	306,770	253,483	144,399	74.767	55.287
	1	1-1-1-1	1	2.,	2.,007	1	1-55,100			
965	355,994	291,665	158,474	95.317	64,328	324,817	266,642	145,787	85,487	58,175
906	366.817	316.589	187,146	91,171	72,228	347.631	263,565	166,592	79.823	64.200
			1 .5.,140	•	, 2,220	J~~,001	200,000		,023	-4,2

NA Not available

Source: U.S. Bureau of the Census, Construction Reports, series C30.

# No. 1201. VALUE OF NEW CONSTRUCTION PUT IN PLACE: 1970 TO 1986

sollars, except percent. Represents value of construction put in place during year; differs from building permit and contract data in timing and coverage. Includes installed cost of normal building service equipment and selected strial production equipment (largely site fabricated). Excludes cost of shipbuilding, land, and most types of d equipment. For methodology, see Appendix III. See also Historical Statistics, Colonial Times to 1970, series N 1-69]

TEM	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
	101,281	144,311	252,411	251,719	260,160	246,568	281,266	328,641	355,994	388,817
e annual percent		7.0								
ge '	5.2	7.3	11.7	3	3.4	-5.2	14.1	16.8	8.3	9.2
	73,374	102,610	200,720	193,251	203,611	192,855	227,494	270,977	291,665	316,589
lotal	72.4	71.1	79.5	76.8	78.3	78.2	80.9	82.5	81.9	81.4
alldings s	35,863	51,581	116,444	100,381	99,241	84,676	125,521	153,849	158,474	187,148
ig units	27,059	36,317	89,272	69,629	69,424	57,001	94,649	113,826	114,662	133,192
units	9,518	29,639 6,679	72,257	52,921 16,708	51,965 17,460	41,462 15,538	72,203 22,447	85,605 28,221	86,123 28,539	31,038
nts		15,264	27,172	30,752	29,817	27,675	30,872	40,023	43,812	53,956
buildings 3	22 770	27,545	49.505	55,431	64,695	69,355	65,675	81,147	95,317	91,171
minimorimo como	6,537	8,018	14,950	13,837	17,030	17,343	12,861	13,745	15,769	13,747
***************************************	(*)	4,973	9,461	13,318	17,473	23,049	20,768	25,940	31,580	28,591
els	1,307	1,072	2,150	2,930	3,716	4,101	5,185	6,751	7,301	7.451
nercial		7,833 867	15,463	16,627	16,775	14,235	15,025	22,167	28,048	28,170
		634	863	1,243	1,331	1,475	1,593	1,660	1,896	2,702
d institutional		3,209	3,530	4,046	4,907	5,875	6,559	6,297	5,583	5.422
us		939	1,540	1,794	1,798	1,733	1,905	2,455	2,729	2,745
dential		3,731	5,588	5,274	4,612	3,692	3,255	3,161	2,197	2,049
	11,920	18,684	27,732	30,915	33,795	33,864	31,579	30,915	32,952	33,946
and telegraph		3,683	6,343	6,733	7,074	7,110	6,471	7,174	7,484	8,427
tilities		15,001	21,389 2,195	24,181	26,721	26,754 2,595	25,108 2,951	23,741 3,513	25,468 4,046	25,520
ght, power 5	5.807	9,888	14,621	16,048	17,774	18,313	17,936	15,654	15,968	16,955
Aut bours annual	2.299	2,220	3.982	5,006	5.945	5,469	3,764	4,303	5,182	5,191
n pipelines	284	1,944	591	809	742	377	457	271	272	286
ite	946	1,068	1,452	1,250	1,268	1,269	1,464	1,905	2,726	2,275
lotal	27,908 27.6	41,702 28.9	51,690 20.5	58,468 23.2	56,549 21.7	53,713 21.8	53,772	57,664 17.5	64,328	72,228
	1.70		M. Carrie	00000		14.7	1000	5-2-	1	7.75
	10,473	15,243	15,558	18,517	17,792	16,997	17,276	17,883	20,172	23,494
development		754 687	1,211	1,648	1,722	1,658	1,700	1,636	1,511	1,456
**************************************	316 5,619	7,760	1,112 6,903	1,441 8,050	1,655 6,737	5,927	1,809 5,374	1,828 5,557	1,968 6,708	1,657 B,440
************************	838	1,745	1,648	1,785	2,083	1,991	2,098	2,039	2,017	1,998
***********	2,594	4,296	4,684	5,593	5,595	5,789	6,295	6,822	7,967	9,943
streets	9,982	11,902	14,895	17,225	16,799	16,164	17,199	18,771	21,756	23.359
95		1,389	1,647	1,880	1,964	2,205	2,544	2,839	3,283	3,919
redevelopment		3,257	4,587	5,090	5,300	5.027	4,820	4,654	4,744	4,668
IS	1,543	4,801	7,298	7,171	5,935	5,529	5,260	6,241	7,196	8,105
facilities		1,765	2,490	3,266	3,004	2,902	2,083	2,621	2.664	3,370
Incomment	2,192	3,345	5,215	5,318	5,754	4,889	4,590	4,654	4,512	5,313
hip:	11 500	version.		77 - 74	Depart.	100	1000	15.77	Sep. 5 -	
ocal government		35,614	43,126	48,827	46,136	43,705	43,214	46,423	52,282	59,706
anom	9,753	13,580	13,215	15,699	14,641	14,012	13,886	14,088	15,900	19,299
and streetstion, development	9,728	11,595 618	14,367	16,769	16,048 896	15,646 908	16,731	18,255 727	21,287 935	22,957
non, development		9,821	14,872	15,538	14,550	13,139	11,777	13,354	14,160	16,478
remment	3,110	6,088	8.564	9,641	10.413	10,008	10,557	11,240	12.046	12,522
tion, development.		2,638	3,915	4,270	4.404	4,119	4,000	3,927	3,810	3,697
	720	1,663	2,343	2,818	3,151	2,986	3,390	3,796	4,272	4,195
icilities	717	1,389	1,647	1,880	1,964	2,205	2,544	2,839	3,283	3,919
cl. highways and	20-	000	050	677	ne i	000	2001		001	
-	305	397	659	673	894	699	624	678	681	712

n immediate year, except 1970, change from 1965, Minus sign (—) indicates decrease. For explanation of average change, see Guide to Tabular Presentation. Includes farm residential. Excludes building by privately tilities. Office buildings included in "other commercial." Includes construction with Rural Electrification REA) funds.

Bureau of the Census, Construction Reports, series C30.

# No. 1202. Value of New Construction Put in Place in Constant (1982) DOLLARS: 1970 TO 1986

(in millions of dollars, except percent. For details on derivation of constant values and description of revised series, see some For description of nature of revisions and deflators used, see *Construction Reports*, series C30-808)

ITEM	1970	1975	1979	1980	1981	1982	1983	1964	1985	1981
Total	277 610	255,670	311.973	280,741	268.055	246,621	274,108	308,770	324,817	347 63
Average annual percent	211,010	230,070	311,973	200,741	200,000	240,021	274,100	300,770	324,011	-
change 1	.1	-1.6	5.1	-10.0	-4.5	-8.0	11.1	12.6	5.2	75
Private	202,969	186,284	250,349	218,813	211,039	192,812	220,731	253,483	266.642	281.50
Percent of total	73.1	72.9	80.2	77.9	78.7	78.2	80.5	82.1	82.1	813
Residential buildings *	102 285	98.542	144.450	112,972	102,140	84.663	122.099	144,398	145,787	168.50
New housing units	77,218	69,378	110,743	78,379	71,496	56,990	92.062	106,873	105,505	120.00
1 unit		56,571	89,658	59,537	53,511	41,454	70,211	80,362	79.237	92.03
2 or more units	30,047		21,085					26,510	26,268	27.98
		12,807		18,842	17,985	15,536	21,851			
Improvements	25,067	29,164	33,707	34,594	30,643	27,673	30,037	37,525	40,282	48,59
Nonresidential buildings 3	60,951	49,037	62,877	63,833	67,758	69,325	63,234	74,767	85,497	79,82
Industrial		14,272	19,026	15,948	17,823	17,341	12,395	12,665	14,145	12.03
Office		8.857	12,006	15,323	18,291	23,035	20,000	23,898	28,331	25.03
Hotels, motels	3.502	1,909	2,724	3,373	3,891	4.099	4,990	6.226	6,550	6.52
Other commercial		13,943	19,607	19,153	17,581	14,232	14,452	20,409	25,153	24.68
										2.38
Religious	2,488	1,543	1,966	1,884	1,746	1,541	1,712	1,965	2,159	
Educational		1,128	1,095	1,428	1,397	1,474	1,534	1,530	1,700	2,08
Hospital, institutional		5,714	4,498	4,656	5,141	5,871	6,318	5,811	5,011	4,74
Miscellaneous	2,142	1,671	1,954	2,068	1,888	1,732	1,833	2,263	2,448	2,40
Farm nonresidential	5,020	6,640	7,110	6,067	4,830	3,691	3,131	2,915	1,973	1,79
Public utilities	32,193	30,361	34,233	34,668	35,054	33,863	30,796	29,545	30,884	31,30
Telephone, telegraph		6,064	7,882	7.604	7,419	7,113	6,257	6,818	7,025	7,71
Other public utilities		24,297	26,350	27.064	27,635	26,750	24,539	22,727	23,859	23.58
Callegade unites	24,009									2,79
Railroads	1,499	1,513	2,538	2,350	2,241	2,598	2,963	3,431	3,706	
Electric light, power 1,	16,323	16,242	18,240	18,321	18,628	18,306	17,393	14,848	14,943	15,66
Gas	6,273	3,516	4,853	5,505	6,013	5,469	3,731	4,185	4,950	4,83
Petroleum pipelines	774	3,027	720	888	753	377	452	263	260	26
All other private	2,519	1,704	1,680	1,273	1,257	1,270	1,471	1,858	2,500	2,05
Public	74,650	69,387	61,624	61,928	57,016	53,809	53,377	55,287	58,175	64.25
Percent of total	26.9	27.1	19.8	22.1	21.3	21.8	19.5	17.9	17.9	18
Buildings	28,230	27,226	19,761	21,259	18,627	16,989	16,657	16,513	18,128	20,58
Housing, redevelopment	3,153	1,441	1,503	1,854	1.774	1,658	1,657	1,537	1,392	1,31
Industrial		1,224	1,418	1,660	1,738	1,631	1,743	1,686	1.767	1.45
CA actional	15 040									
Educational	15,043	13,810	8,778	9,255	7,067	5,924	5,176	5,122	6,014	7,36
Other		3,107 7,643	2,100 5,962	2,053 6,438	2,184 5,863	1,991 5,785	2,020 6,061	1,881	1,810 7,145	1,75
Com december and the second second	0,345	1,043	3,802	0,430	3,003	3,765	0,001	0,201	7,145	0,10
Highways and streets	26,356	18,219	15,890	15,792	15,909	16,267	17,533	18,353	18,990	20,18
Military facilities	1,906	2,281	1,921	1,924	1,953	2,206	2,518	2,696	2,915	3,40
Conservation, development	5.153	5,429	5,771	5,771	5,536	5.026	4,780	4,541	4,554	4.42
Sewer systems		8.024	9,164	8,129	6,192	5.524	5,212	6,086	6,902	7.68
Water supply facilities	2.973	2,872	3,079	3,652	3.092	2,902	2,065	2,550	2,551	3,16
Miscellaneous										
MISCENATIOUS	3,004	5,335	6,039	5,400	5,706	4,893	4,612	4,548	4,136	4,80

Change from immediate prior year, except 1970, change from 1985. Minus sign (—) indicates decrease. For explanation of average annual percent change, see Guide to Tabular Presentation.
 Includes farm residential.
 Secondary by owned public utilities. 
 Office buildings included in "Other Commercial."
 Includes construction with Please Electrification Administration (REA) funds.

Source: U.S. Bureau of the Census, Construction Reports, series C30.

# NO. 1203. VALUE OF PRIVATELY OWNED NONRESIDENTIAL BUILDING PROJECTS, BY CONSTRUCTION STATUS, 1975 TO 1986, AND BY TYPE OF PROJECT, 1986

# [In billions of dollars]

COMETRI ICTION											1986		
CONSTRUCTION	1975	1979	1980	1981	1982	1983	1984	1985	Total	Indus- trial	Office build- ing	Other com- mercial	Other 1
Value of projects— Started	20.1 28.0	49.0 40.1	48.3 48.4	65.8 52.7	55.5 56.3	63.3 60.3	84.7 68.2	90.8 82.8	89.7 99.3	11.1 14.4	25.4 34.1	30.6 29.2	22.7

<sup>&</sup>lt;sup>1</sup> Privately owned hotels and motels, religious, educational, hospital and institutional, and miscellaneous nonresidential building projects.

Source: U.S. Bureau of the Census, Construction Reports, series C30.

### 194. CONSTRUCTION CONTRACTS—VALUE OF CONSTRUCTION AND FLOOR SPACE OF BUILDINGS, BY CLASS OF CONSTRUCTION: 1975 TO 1986

new structures and additions, and major alterations to execute structures which effect only valuation, since no additional floor area is created by "alteration." See also Allebracal Statistics, Colonial Times to 1970, series N 78-100]

		Resi			NO	RESIDENTIA	AL BUILDIN	GS _		A	Non- build
uR .	Total	dental build- ings	Total	Com- mer- cial 1	Manu- fac- turing	Educa- tional <sup>1</sup>	Hos- pital	Public build- ings	Refi- gious	Social and recrea- tional *	ing con struc- tion
nil. dol.)										2 7 4	
	92.7	31.3	31.6	9.2	6.8	5.9	3.7	2.1	.0	3.1	29.0
	110.1	44.2	30.0	10.2	4.5	4.9	4.5	2.1	.0	3.0	35.0
***********	139.7 159.9	62.0 74.9	35.1 45.0	13.6	9.2	5.2 5.7	4.5 3.8	2.3	1.0	3.0	391
	168.4	74.6	50.2	24.4	7.6	6.3	4.8	1.6	1.3	4.1	43.
	148.4	63.7	52.5	24.8	8.4	6.8	5.3	1.6	1.2	4.4	32
-	153.5	60.2	60.1	31.7	8.6	5.8	6.4	1.4	1.2	4.9	33.3
	156.2	59.2	59.6	28.2	9.5	6.1	7.8	1.9	1.2	4.8	37.
	193.6	93.6	62.3	33.7	5.3	6.2	8.5	2.1	1.5	5.0	37 (
	211.5	101.4	74.3 83.2	42.1 47.8	7.3	7.7	7.2	3.0	2.0	6.0	40 1
*************	243.3	120.6	81.3	44.7	6.5	10.5	7.8	3.0	2.1	6.7	41:
SPACE Q. ft.)					10						
4 1.1			2.2	1 345	1.0		-	1.0		100	
	2,390	1,441	949 952	409 440	146	152	63	46 42	28	105	XXXX
Marine and A	3.536	2,440	1,096	564	175	112	66	43	32	105	10
Maritiment of	4,101	2,815	1,286	758	219	104	53	22	35	96	(x
Millerman	3,905	2,528	1,377	816	243	102	57	20	34	106	(x
***************************************	3,092	1,892	1,200	688	216	95	54	18	20	101	(x
Intibitorios	2,797	1,620	1,177	733	187	74	60	14	25	85	(x
	2,442	1,497	945	571	119	74	70 83	19	25 29	68	(x (x (x (x
	3,379 3,635	2,349 2,396	1,029	647 808	110	74	70	23	29	71	10
	3,822	2,390	1,408	939	159	100	73	26	32	79	là.
-	3,864	2,537	1.327	855	141	116	73	28	33	81	(x

t applicable. 1 Includes nonindustrial warehouses. 2 Includes science. 3 Includes miscellaneous.

No. 1205. Construction Contracts—Value, by State: 1980 to 1986

tions of dollars. See headnote, table 1204. Represents value of construction in States in which work was actually done)

					1906							1986	
	1986	1984	1986	Total (Incl. non- bidg.)	Reel- den- tial	Non- resi- deri- tial	STATE	1986	1984	1986	Total (incl. non- bidg.)	Reel- den- tiel	Non- real- den- tiel
	148,303	211,480	232,277	243,255	120,637	81,304	MO MT	2,813 395	3,7 <b>69</b> 721	3,851	4,254 488	2,025 192	1,557 124
	1,918	3.026	2.886	3,001	1.456	1.005	NE	830	1.140	1.040	1.021	426	305
	706	1,804	1,500	1.182	267	480	NV	1,167	1,331	1,629	2,023	1,177	632
	3,137	6,008	6,629	6,427	3,705	1,974	NH	477	1,040	1,355	1,600	1,079	327
	1,324	1,697	1,649	1,499	739	426	NJ	3,790	6,427	8,077	8,678	4,300	3,168
٠	17,688	27,409	32,456	36,925	21,211	11,698	NM	1,371	1,796	1,771	1,603	725	513
	2,791	4,777	4,667	3,789	2.014	1,201	NY	5,860	9.475	11,366	11,991	5,108	4,158
1	1,440	2.764	3,385	4,018	2,096	1.324	NC	3,471	5,628	8,671	6.661	3.800	2,126
i	305	512	715	663	290	229	ND	456	574	557	483	199	150
	510	792	985	1,150	214	736	OH	5,221	6,218	6,943	8,367	3,262	3,191
	12,847	16,926	17,820	17,804	10,589	5,326	OK	2,300	3,297	2,650	2,132	937	743
	3,939	6,601	7,566	9.111	4,667	2,766	OR	1,926	1,745	1.634	1.515	716	489
	1,216	867	873	1,147	551	373	PA	5,246	6,700	7,008	8,496	3,736	2,621
	635	618	758	659	268	235	RI	322	537	628	802	428	210
	5,313	7,074	7,513	8,997	4,015	3,069	SC	2,522	2,895	3,446	3,206	1,760	1,032
	2,775	3,458	4,045	4,756	2,097	1,864	SD	421	514	485	433	161	122
	1.540	1.658	1,532	1,309	449	448	TN	2.789	4,257	4,394	4.511	2,408	1,407
	1,887	2,329	2,227	2,234	1,001	751	TX	13,611	21,287	21,306	16,902	6,831	6,066
	2,185	2,459	2,843	3,020	1,287	1,039	UT	1,116	1,801	1,633	1,619	758	630
	3,270	4,321	3,869	3,110	1,101	1,126	VT	258	467	467	560	361	104
	538	695	785	1,045	563	248	VA	3,451	8,578	7,586	8,626	4,479	3,040
	3,062	4,734	5,703	6,305	3,224	1,995	WA	4,795	3,748	4,409	4,864	2,157	1,703
	2,712	4,729	5,806	6,336	3,499	2,108	w	865	822	868	973	230	273
	4,174	4,899	5,827	6,971	3,090	2,932	W1	2,269	2,681	3,036	3,172	1,377	1,049
	2,748	3,760	4,286	4,852	2,493	1,569	WY	644	500	693	400	106	100
	1,561	1,740	1,543	1,495	692	489	ł	1	l	1	1		

F. W. Dodge Division, McGraw-Hill Information Systems Company, New York, NY. Figures reported currently in Dodge in Potentials.

r. F. W. Dodge Division, McGraw-Hill Information Systems Company, New York, NY. Figures reported currently in *Dodge tion Potentials*.

## Construction and Housing

## No. 1205, VALUE OF PRIVATE CONSTRUCTION AUTHORIZED BY BUILDING PERMITS: 1977 TO 1986

follars. "14,000, 16,000, and 17,000 places" series are based on U.S. total of approximately 14,000, 16,000, and 17,000 places identified in 1972, 1978, and 1984 respectively, with local building permit systems]

	14,000	PLACES			16,0	000 PLA	CES			17,	000 PLA	ICES
TYPE OF CONSTRUCTION	1977	1978	1978	1979	1980	1981	1982	1983	1984	1984	1965	1986
Total	82.9	96.6	101.6	107.4	102.1	103.7	98.5	127.5	153.4	155.0	170.5	184.2
Residential units	50.0	55.4	58.9	56.3	47.2	41.9	40.5	69.3	76.7	77.7	84.9	98.0
1 unit	40.0	43.2	46.3	42.6	33.1	28.7	27.4	49.1	53.5	54.3	59.5	73.7
2-4 units	2.6	3.0	3.1	3.3	3.3	3.2	2.7	4.3	4.8	4.9	4.6	44
5 units or more	7.4	9.3	9.6	10.4	10.8	10.0	10,4	15.8	18.3	18.4	20.8	19.9
Nonhousekeeping residential buildings	1.0	1.3	1.3	1.6	1.6	2.0	2.6	3.1	3.7	3.7	3.9	4.0
Nonresidential buildings	23.7	30.8	32.2	38.3	34.8	39.3	34.8	37.0	46.7	47.2	52.7	50.8
Industrial buildings	5.5	7.4	7.8	9.3	8.0	7.9	6.1	5.8	9.1	9.2	9.5	9.7
Office buildings	4.3	6.6	6.8	9.1	9.9	14.6	12.9	12.6	15.9	16,1	18.1	145
Stores and other mercantile	5.7	7.3	7.6	9.0	6.7	6.2	5.5	7.4	9.8	9.9	12.0	121
Hospitals and other institutional	2.0	2.1	2.1	2.3	1.6	1.7	2.0	2.4	2.0	2.1	2.5	26
All other nonresidential	6.1	7.4	7.9	8.7	8.7	8.9	8.3	8.9	9.9	9.9	10.1	11.6
Additions and alterations	8.2	9.1	9.2	11.2	18.5	20,5	20.6	23.5	26.3	26.4	29.1	31.6

Source: U.S. Bureau of the Census. In U.S. Department of Commerce, International Trade Administration, Construction Review

# No. 1207. New PRIVATELY OWNED HOUSING UNITS AUTHORIZED BY STATE: 1985 AND 1986 [Based on about 17,000 places in U.S. having building permit systems]

	Housi	NG UNITS	(1,000)	VALU	ATION (mi	l. dol.)		HOUSIN	IG UNITS (	1,000)	VALUA	TION (mi	i. dol.)
STATE	****	19	86		19	86	STATE		19	86		19	86
	1985	Total	1 unit	1985	Total	1 unit		1985	Total	1 unit	1985	Total	1 unit
U.S	1,733.3	1,769.4	1,077.6	84,904	98,005	73,695	мо	27.2	33.2	17.4	1,181	1,586	1,124
AL	17.2	19.2	11.5	537	686	526	MT	2.0	1.2	.7	87	57	45
AK	4.0	1.4	1.0	319	117	95	NE	5.0	6.2	3.2	221	252	202
AZ	71.8	61.6	33.6	3,119	3,083	2,326	NV	14.0	15.7	9.9	594	758	594
AR	9.9	8.7	5.1	388	376	291	NH	17.8	18.0	12.3	892	1,113	694
CA	271.4	314.6	145.7	16,188	20,865	13,206	NJ	55.0	57.4	42.6	3,130	3,550	2,808
00	32.8	31.0	20.4	1,570	1,627	1,315	NM	11.8	11.5	8.1	567	604	532
CT	24.5	27.7	20.5	1,289	1,677	1,429	NY	61.9	60.2	41.3	3,573	3,730	2,875
DE	4.6	5.5	4.2	202	235	204	NC	70.7	63.0	42.7	2,964	3,054	2,496
DC	.6	.6	-1	24	21	204	ND	2.6	1.7	.9	102	83	58
Ci	202.6	195.5	110.0	8,464	8.742	6,050	OH	33.0	44.5	25.6	1,724	2,537	1,986
GA	73.1	76.9	50.7	3,130	3,868	3,126	OK	10.7	9.0	6.3	502	466	380
ui	7.3	7.2	4.5	489			OR	11.3	10.7	7.0	590	628	526
HI		3.8			465	322	PA	43.6	53.4	44.0	2,184	2,994	2,689
U	4.3		2.9	217	217	190	RI	5.4	7.3	4.7	241	350	280
	38.7	51.9	30.6	2,238	3,391	2,540	SC	32.8	26.8	19.1	1,360	1,357	1,124
IN	23.0	29.7	17.2	1,100	1,578	1,251	SD	2.5	2.0	1.3	91	81	63
IA	5.2	5.5	3.1	242	268	200	TN	38.1	34.4	21.6	1,515	1,701	1,323
KS	13.3	13.1	7.3	609	782	598	TX	143.1	96.7	59.1	6,720	5,180	4,266
KY	13.8	13,5	8.0	523	642	497	UT	16.5	13.8	9.1	741	698	570
LA	18.8	10.5	8.6	804	557	501	VT	4.1	4.5	3.5	218	267	224
ME	8.1	9.6	6.8	382	505	409	VA	64.1	73.5	54.4	2,960	3,663	3,106
MD	42.1	42.4	34.3	1,919	2,269	2,029	WA	35.5	36.4	19.3	1,794	2,043	1,437
MA	39.2	45.2	28.1	2,342	3,087	2,265	wv	1.5	1.9	1.4	58	83	72
MI	37.6	47.2	27.0	1,829	2,437	1,819	WI	20.2	21.8	13.2	917	1,130	854
MN	28.6	33.2	20.7	1,651	2,142	1,619	WY	1.2	.9	.8	52	48	45
MS	8.8	8.3	5.9	352	356	303		100	1		-	1	

Source: U.S. Bureau of the Census, Construction Reports, series C40, annual.

## No. 1208. New Housing Units Started: 1960 to 1987 [Minus sign (-) indicates decrease. See also Historical Statistics, Colonial Times to 1970, series N 156-159]

YEAR	Total	Per-	OW (1,0	NED	Pub- licly		Total	Per-		NED (00)	Pub- licly
1960	(1,000)	change	Total	1-unit struc- tures	owned (1,000)	YEAR	(1,000)	change	Total	1-unit struc- tures	(1,000
1960 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974	1,296 1,510 1,196 1,322 1,545 1,500 1,469 2,085 2,379 2,057 1,353 1,171	1-16.6 1-3.3 -20.8 10.5 16.9 -2.9 -2.1 41.9 14.1 -13.5 -34.2 -13.4	1,252 1,473 1,165 1,292 1,508 1,467 1,434 2,052 2,357 2,045 1,338 1,160	995 964 779 844 899 811 1,151 1,309 1,132 888 892	44 37 31 30 38 33 35 32 22 12	1977 1978 1979 1980 1981 1982 1983 1983 1984 1985 1985 1995, JanJuly <sup>2</sup> 1997, JanJuly <sup>2</sup>	1,760 1,313 1,100 1,072 1,712 1,756 1,745 1,807	29.3 1.7 -13.6 -25.4 -16.2 -2.6 59.7 2.6 6 3.6 (NA)	1,967 2,020 1,745 1,292 1,084 1,062 1,703 1,750 1,742 1,805 1,891 1,692	1,451 1,433 1,194 852 705 663 1,068 1,084 1,072 1,179 1,211 1,194	15 16 16 16 16 16 16 16 16 16 16 16 16 16

NA Not available.

<sup>&</sup>lt;sup>1</sup> Change from 1959. <sup>2</sup> Change from 1964.

<sup>&</sup>lt;sup>3</sup> Average seasonally adjusted annual rate.

<sup>\*</sup> Proliminary. Source: U.S. Bureau of the Census, Construction Reports, series C20.

# 09. NEW PRIVATELY-OWNED HOUSING UNITS STARTED—SELECTED CHARACTERISTICS: 1970 TO 1986

ids. For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970,* series N 156-163 and 170]

	STRU	CTURES V	MITH-		REG	ION		CONC	OMINIUM UI	WTS <sup>2</sup>		E OF
Total units 1	One	2-4	5 or more	North-	Mid-	South	West	Total	Single-	Multi-	ANK	HST-
	unit	units	units	east	west	55511	*****		family	family	FHA	VA
 1,434	813	85	536	218	294	612	311	(NA)	(NA)	(NA)	421	61
 2,052	1,151	120	781	264	434	869	486	(NA)	(NA)	(NA)	528	94
 2,357	1,309	141	906	330	443	1,057	527	(NA)	(NA)	(NA)	371	104
 2,045	1,132	118	795	277	440	899	429	241	69	172	163	86
 1,338	888	68	382	183	317	553	285	175	46	130	95	73
 1.160	892	64	204	149	294	442	275	65	20	45	98	77
 1,538	1,182	86	289	169	400	569	400	95	30	64	144	100
 1,987	1,451	122	414	202	465	783	538	118	41	77	178	131
 2.020	1,433	125	462	200	451	824	545	156	42	114	178	127
 1,745	1,194	122	429	178	349	748	471	198	43	156	178	122
 1,292	852	110	331	125	218	643	306	166	35	150	177	95
 1,084	705	91	288	117	165	562	240	181	36	145	145	75
 1,062	663	80	320	117	149	591	205	170	40	130	152	73
 1,703	1,068	113	522	168	218	935	382	276	77	199	121	107
 1,750	1,084	121	544	204	243	866	436	291	96	194	63	97
 1,742	1.072	93	576	252	240	782	468	225	79	146	(NA)	(NA)
 1,805	1,179	64	542	294	298	733	483	214	60	134	(NA)	(NA)

allable. <sup>1</sup> For 1970-1976, characteristics such as type of structure, and region, include data for publicly owned se of ownership under which the owners of the individual housing units are also joint owners of the common areas of recommunity, includes a small number of cooperatively-owned units. <sup>2</sup> Source: U.S. Department of Housing and ment, 1970-1979, *HUD Statistical Yearbook*; thereafter unpublished data.

ept as noted, U.S. Bureau of the Census, Construction Reports, series C20.

1210. NEW PRIVATELY-OWNED HOUSING UNITS STARTED, BY STATE: 1983 TO 1986
[In thousands of units]

SION AND	1983	1984	1985	1986, prel.	REGION, DIVISION AND STATE	1963	1984	1985	1986, prel.
ates	1,702.9	1,749.9	1,742.0	1,805.0	South Atlantic—Con.	104	7.00		
11111111111111	40.00	4000	1000	and the second	Maryland	36.0	36.9	40.0	44.2
	167.8	203.7	252.0	293.0	District of Columbia	.3	4	.3	.6
	218.1	244.7	240.0	296.0	Virginia	53.8	62.8	60.3	77.3
	934.8	866.0	782.0	733.0	West Virginia	2.5	2.8	2.0	3.2
	382.2	435.5	468.0	483.0	North Carolina South Carolina	53.6 28.3	62.7 33.1	73.2 33.0	71.7 29.1
	59.0	76.4	95.0	110.0	Georgia	72.2	80.0	82.6	90.8
	4.6	6.8	9.5	11.1	Florida	180.4	196.7	190.2	198.3
hire	7.9	12.5	15.7	17.8	Control of the Control	175.52	100,500	707	
	5.1	7.4	5.1	5.9	East South Central	84.0	92.1	93.0	84.0
itts	22.4	26.5	36.5	42.1	Kentucky	14.9	15.7	16.5	15.8
d	3.7	4.4	5.0	6.7	Tennessee	37.5	42.4	42.9	38.2
	15.3	18.8	23.1	26.2	Alabama	18.9	20.1	22.3	20.2
***************************************	10.0	10.0	23.1	20.2	Mississippi	12.7	13.9	11.4	9.8
lc	108.8	127.3	157.0	183.0	West South Central	420.4	294.1	203.0	128.0
	36.2	43.4	59.5	61.8	Arkansas	12.5	12.7	13.6	11.0
***************************************	36.7	43.7	50.6	60.2	Louisiana	40.2	30.8	21.2	11.7
8	35.9	40.2	46.9	60.9	Oklahoma	50.2	28.5	14.5	9.6
		177	1000	100000	Texas	317.5	222.1	153.6	95.7
entral	127.3	141.4	148.0	198.0	1 Color International Color	2100		10000	
******************	31.6	33.5	34.5	45.6	Mountain	161.3	172.0	157.0	145.0
	20.2	23.5	22.6	31.1	Montana	2.6	3.4	3.1	1.8
	34.2	35.0	37.4	52.6	Idaho	4.1	4.3	5.0	4.3
	23.4	30.1	34.6	46.4	Wyoming	2.8	2.0	1.7	1.2
	17.9	19.3	18.7	22.2	Colorado	50.0	41.9	34.8	32.3
	1	10.0	10.1	-	New Mexico	11.1	16.2	12.2	11.7
entral	90.7	103.3	92.0	98.0	Arizona	62.6	73.1	70.5	62.7
	28.2	30.4	29.0	33.3	Utah	13.0	18.2	15.8	14.6
	7.9	7.7	5.9	5.8	Nevada	15.1	12.9	13.7	16.2
**************************************	22.5	30.8	31.7	35.2	14044000 000000000000000000000000000000		12.0	10.7	10.2
	5.5	3.9	3.2	1.8	Pacific	221.0	263.7	311.0	338.0
<b>a</b>	3.1	4.5	2.5	2.2	Washington	27.6	29.4	34.3	35.5
la	6.7	7.1	5.5	6.3	Oregon	8.9	8.6	10.4	10.1
Market Control of Cont	16.8	18.9	14.1	13.4	California	166.5	212.9	253.6	284.1
	10.8	10.9	19.1	13.4		12.7	7.5	6.0	1.6
200 100	420.5	470 7	400.0		Alaska			6.7	6.7
C	430.5	479.7	486.0	521.0	Hawaii	5.3	5.3	0./	0.7
	3.4	4.3	4.2	5.7					

ional Association of Home Builders, Economics Division, Washington, DC. Data provided from the Econometric Fore-

# No. 1211. CHARACTERISTICS OF NEW PRIVATELY OWNED ONE-FAMILY HOUSES COMPLETED: 1970 TO 1986

[Percent distribution, except as indicated. Data beginning 1960 show percent distribution of characteristics for all houses completed (includes new houses completed, houses bulk for sale completed, contractor-bulk and owner-bulk houses completed, and houses completed for rent). Data for 1970 cover contractor-bulk, owner-bulk, and houses for rent for year construction started and houses sold for year of sale. Percents exclude houses for which characteristics specified were not reported]

793	957	1.7.7.								-
	901	1,025	1,072	1,120	Bedrooms	100	100	100	100	100
10000	-	1	1	75.71	2 or less	13	17	24	25	21
100	100	100	100	100	3	63	63	58	57	56
	81	81	81	83	4 or more					20
30	16			20						100
										10
					1 1/2	20				3
	)		-	-	2			48		4/
	1 0	9	9	0	2½ or more					33
	10									100
										- 64
						62				4
						- 8			3	
					Other	1		2		
					meating system			100		100
				1						54
1 -					Electric neat pump					29
1,500	1,740	1,700	1,785		Other					
1,385	1,595	1,605	1,605	1,660	Central air-conditioning					100
100	100	100	100	100	Without					31
74	60	54	52	51	Fireciscos					100
	31	40		44	No freeigns					38
				- 5	1 or more					62
				100	Parking facilities					100
		32	35							74
					Carport		7			1
							24			21
	84 30 7 16 100 36 28 16 21 1,500 1,385 100 74 17 100	84 81 30 16 7 8 16 100 100 36 21 18 22 16 22 16 22 16 22 17 40 1,500 1,740 1,740 1,740 1,500 1,74	84 81 81 30 16 13 7 8 6 61 47 8 6 61 8 29 30 16 18 19 100 100 100 36 21 19 28 29 30 16 22 21 15 17 1,500 1,740 1,700 1,000 100 100 1,740 1,700 100 1,740 1,700 100 1,740 1,700 100 1,740 1,700 100 1,740 1,700 100 1,740 1,700 100 1,740 1,700 1,700 100 1,740 1,700 1,700 100 1,740 1,700 1,700 1,700 100 1,740 1,700 1,7	84 81 81 81 81 81 81 81 81 81 81 81 81 81	84 81 81 81 83 83 85 87 88 86 7 8 8 86 7 8 8 86 7 8 8 86 87 8 8 86 87 8 8 8 8	84 81 81 81 83 83 83 30 16 13 15 20 84 or more 94 or more 94 or mo	84   81   81   81   83   83   83   84   67   more   24   83   83   83   83   83   83   83   8	84   81   81   81   83   83   83   83   83	84   81   81   81   83   83   84   7 more   24   20   18   83   83   16   13   15   20   7   8   6   7   8   100	84   81   81   81   83   83   83   83   83

#### NA Not available.

Source: U.S. Bureau of the Census and U.S. Dept. of Housing and Urban Development, Construction Reports, series C25, Characteristics of New Housing (a joint publication).

# No. 1212. New PRIVATELY OWNED ONE-FAMILY HOUSES SOLD, BY REGION AND TYPE OF FINANCING, 1970 TO 1986, AND BY SALES PRICE GROUP, 1986

[In thousands. Based on a national probability sample of monthly interviews with builders or owners of 1-family houses for which building permits have been issued or, for nonpermit areas, on which construction has started. For details, see source. For composition of regions, see fig. I, inside front cover]

		1	REG	MON		1	FINANC	ING TYPE	
YEAR AND SALES-PRICE GROUP	Total sales	North-	Mid- west	South	West	Conven- tional	FHA and VA	Farmers Home Administra- tion	Cass
970	495	61	100	203	121	1 213	244	(1)	,
971	656	82	127	270	176	1314	314	1 23	2
972	718	96	130	305	167	447	242	8	1
973	634	95	120	257	161	405	134	1 🔀	,
974	519	80	103	207	139	378	112	8	1 2
	1	1		1					_
975	549	71	108	222	150	363	122	43	2
976	646	72	128	247	199	458	134	23	3
977	819	66	162	317	255	592	166	24	3
978	817	76	145	331	262	575	174	26	4
979	709	67	112	304	225	486	186	18	3
980	545	50	81	267	145	302	196	14	3
961	436	46	60	219	112	244	142	14	Ì
982	412	47	46	219	90	193	173	11	Í
983	623	76	71	323	152	350	217	6	1 4
944	639	94	76	309	160	423	149	•	
965	666	112	82	323	170	403	208	11	ì
1986 total	750	136	36	322	198	411	900	12	
Inder \$50,000	36	(8)	5	25	6	13	(m)	•	
50,000 to \$50,999		74	ă	31		ial	26	-	ļ
60,000 to \$69,999	86	1 6	12	53	16	30	51		l
70,000 to \$79,999	96	7	13	51	28	32	50		
80,000 to \$69,999	165	24	22	86	52	67	83		٠,
100,000 to\$119,999		21	10	33	27	61	24		· '
120,000 to \$140,999	<b>23</b>	20	11	26	28	64			1
150,000 and over	140	53	14	37	200	126	اند		١,
100,000 = 0 0 0			· '-	37			-	-	1

B Base figure to small to meet statistical standards for reliability. 

1 Houses financed by Farmers Home Administration included under conventional financing.

Source: U.S. Bureau of the Census and U.S. Dept. of Housing and Urban Development, Construction Reports, series C25.
Characteristics of New Housing, annual; and New One-Family Houses Sold and For Sala, morethly.

# MEDIAN SALES PRICE OF NEW PRIVATELY OWNED ONE-FAMILY HOUSES SOLD, BY REGION: 1970 TO 1986

definition of median, see Guide to Tabular Presentation. For composition of regions, see fig. I, inside front cover)

U.S.	North-	Mid- West	South	West	YEAR	U.S.	North-	Mid- West	South	West
 23,400 25,200 27,600 32,500 35,900 36,900 44,200	30,600 30,600 31,400 37,100 40,100 44,000 47,300	24,400 27,200 29,300 32,900 36,100 39,600 44,800	20,300 22,500 25,800 30,900 34,500 37,300 40,500	24,000 25,500 27,300 32,400 35,800 40,500 47,200	1980	64,600 68,900 69,300 75,300 79,300 64,300 92,000	69,500 76,000 78,200 82,200 86,600 103,300 125,000	65,900	59,800 64,400 68,100 70,900 72,000 75,000 80,200	72,300 77,800 75,000 80,100 67,300 92,600 95,700
 48,800 55,700 62,900	51,600 58,100 65,500	51,500 59,200 63,800	44,100 50,300 57,300	53,500 61,300 69,600						

at: 1st qtr., \$97,900, 2d qtr., \$104,000.

Ireau of the Census and U.S. Dept. of Housing and Urben Development, Construction Reports, series C25, Charactering, annual; and New One-Family Houses Sold and For Sale, monthly.

# NEW MOBILE HOMES PLACED FOR RESIDENTIAL USE AND AVERAGE SALES PRICE, BY REGION: 1974 TO 1986

s a moveable dwelling, 10 feet or more wide and 35 feet or more long, designed to be towed on its own chassis and of a permanent foundation. Excluded are travel trailers, motor homes, and modular housing. Data are based a

		UNITS PL	ACED (	(000,		AVI	ERAGE SAL	ES PRIC	<b>E (\$1,00</b>	0)
YEAR	Total	North-	Mid- west	South	West	Total	North- east	Mid- week	South	Week
***************************************	332.0	23.3	67.5	170.8	70.4	9.3	9.4	9.3	8.3	11.6
<b></b>	229.3	14.7	48.5	110.8	55.2	10.6	10.5	10.7	9.0	13.6
M	249.6 257.5	16.8	51.5 50.7	114.8	77.7	12.3 14.2	11.6 12.9	11.6	10.6	16.0
	279.9	17.4	49.5	135.3	77.7	15.9	14.3	15.1	13.7	20.6
***************************************	279.9	16.9	47.3	145.2	70.5	17.6	15.8	16.1	15.6	23.1
***************************************	233.7	12.3	32.3	140.3	48.7	19.8	18.5	18.6	18.2	25.4
	229.2	12.0	30.1	143.5	43.6	19.9	19.0	18.9	18.4	25.6
M-44	234.1	12.4	25.6	161.1	35.0	19.7	19.6	20.0	18.5	24.7
	278.1	16.3	34.3	186.0	41.4	21.0	21.4	20.4	19.7	27.0
•••••••••••••••••••••••••••••••••••••••	267.9	19.8	35.2	193.4	39.4	21.5	22.2	21.1	20.2	27.4
***************************************	263.4	20.2	38.6	187.8	36.9	21.8	22.7	21.5	20.4	28.7
***************************************	256.1	21.2	37.2	162.3	36.4	22.4	24.4	21.8	20.7	29.9

steau of the Census, Construction Reports, series C20.

### 215. EXISTING ONE-FAMILY HOUSES SOLD AND PRICE, BY REGION: 1970 TO 1986

la (adjusted and aggregated to regional and national totals) reported by participating real estate multiple listing effolion of median, see Guide to Tabular Presentation. For composition of regions, see fig. I, inside front cover)

		HOUSES	<b>30LD</b> (1	(000,		MI	EDIAN SALI	ES PRICE	E <b>(\$</b> 1,000	))
YEAR	Total	North-	Mid- west	South	West	Total	North-	Mid- west	South	Wee
	1,612 2,018 2,252 2,334 2,272 2,476 3,084 3,660 3,966 3,827 2,973 2,419	251 311 361 367 354 370 439 515 518 526 403 353	501 583 630 674 646 701 661 1,101 1,144 1,061 806	568 735 788 847 639 882 1,033 1,231 1,416 1,353 1,092 917	292 369 473 446 434 543 712 803 911 667 672 516	23.0 24.8 26.7 26.9 32.0 35.3 36.1 42.9 48.7 55.7 62.2	25.2 27.1 29.8 32.8 35.6 39.3 41.8 44.4 47.9 53.6 60.8 63.7	20.1 22.1 23.9 25.3 27.7 30.1 32.9 36.7 42.2 47.8 51.9 54.3	22.2 24.3 26.4 29.0 32.3 34.8 36.5 39.8 45.1 51.3 64.4	24.3 26.5 26.4 31.0 34.8 39.6 48.1 57.3 86.7 77.4
	1,990 2,719 2,868 3,214 3,565	354 493 511 622 703	490 709 755 866 991	760 1,036 1,073 1,172 1,261	388 461 529 564 610	67.8 70.3 72.4 75.5 80.3	63.5 72.2 78.7 88.9 104.8	55.1 56.6 57.1 58.9 63.5	67.1 69.2 71.3 75.2 78.2	96.6 94.6 96.6 95.4 100.9

IAL ASSOCIATION OF REALTORS(S), Washington, DC, Existing Home Sales, monthly. (Copyright.)

No. 1216. MEDIAN SALES PRICE OF EXISTING ONE-FAMILY HOMES, BY SELECTED METROPOLITAN AREA: 1984 TO 1987

[in thousands of dollars. Areas are metropolitan statistical areas (MSA's) except as indicated; for definitions and components, see Appendix II]

METROPOLITAN AREA	1984	1985	1986	1987, 2nd qtr.	METROPOLITAN AREA	1984	1985	1986	1987, 2nd qt
U.S., all areas	72.4	75.5	80.3	(NA)	Louisville, KY-IN	48.9	50.6	51.7	53.4
Akron, OH PMSA	50.4	52.7	56.2	56.9	Memphis, TN-AR-MS	64.1	64.6	70.6	76.9
Albany-Schenectady-Troy, NY	52.9	60.3	72.7	86.5	Miami-Hialeah, FL PMSA	79.5	80.5	81.1	84.4
Albuquerque NM	73.4	76.8	81.6	82.5	Milwaukee, WI PMSA	68.2	67.5	69.9	717
Anaheim-Santa Ana, CA PMSA		136.2	147.7	167.3	Minneapolis-St. Paul, MN-WI	74.0	75.2	77.9	80.2
Baltimore, MD		72.6	74.0	77.6	Nashville-Davidson, TN	62.9	66.1	70.8	75.9
Baton Rouge, LA	73.5	74.6	70.9	68.1	New York-Northern New Jersey-	19.8	13.5	1555	100
Birmingham, AL		64.5	68.3	72.7	Long Island, NY-NJ-CT CMSA		134.0	160.6	183.0
Boston, MA PMSA		134.2	159.2	175.8	Oklahoma City, OK	63.9	64.7	63.0	65.2
Buffalo-Niagara Falls, NY CMSA		46.7	52.4	57.0	Omaha NE-IA	56.2	58.3	58.8	60.0
Chicago, IL PMSA		81.1	86.1	90.9	Orlando, FL	70.1	70.3	72.5	76.4
Cincinnati, OH-KY-IN PMSA		60.2	(NA)	65.9	Philadelphia, PA-NJ PMSA	65.2	70.8	74.5	84.4
Cleveland, OH PMSA		64.4	66.9		Phoenix, AZ	74.7	74.7	78.4	81.4
		62.2		(NA)	Portland, OR PMSA		61.5	62.6	84.3
			65.5	67.2	Providence, RI PMSA		67.5	87.6	109.8
Dallas-Ft. Worth, TX CMSA		87.7	92.8	90.0	Rochester, NY	59.7	64.2	68.3	723
Denver, CO PMSA		84.3	86.4	87.5	St. Louis, MO-IL	61.8	65.7	70.9	74.7
Des Moines, IA	52.4	52.5	55.9	56.8	Salt Lake City-Ogden, UT	65.8	66.7	68.5	69.4
Detroit, MI PMSA	48.5	51.7	58.1	66.6	San Antonio, TX	67.5	67.7	69.2	73.2
El Paso, TX	57.8	57.6	59.0	58.0	San Diego, CA	100.2	106.4	118.2	1271
Ft. Lauderdale-Hollywood-					San Francisco-Oakland-San Jose,		27.5	100	
Pompano Beach, FL PMSA		74.6	77.7	79.7	CA CMSA	129.9	(NA)	(NA)	(NA
Grand Rapids, MI	42.8	46.7	50.4	53.4	Syracuse, NY	50.7	58.6	64.3	68.1
Hartford, CT PMSA	87.4	99.6	129.0	157.0	Tampa-St. Petersburg-	100		5.33	2.79
Houston, TX PMSA		78.6	69.9	67.4	Clearwater, FL		58.4	61.1	65.7
Indianapolis, IN		55.0	59.0	63.8	Toledo, OH	50.7	51.9	56.0	58.2
Jacksonville, FL	55.7	58.4	62.8	65.8	Tulsa, OK		66.7	65.5	67.4
Kansas City, MO-KS	59.1	61.4	65.4	71.1	Washington, DC-MD-VA	93.0	97.1	101.2	120 4
Las Vegas, NV	76.3	75.1	77.5	77.9	West Palm Beach-Boca Raton-	100	1	100	100
Los Angeles-Long Beach, CA PMSA	115.3	(NA)	128.8	139.6	Delray Beach, FL	84.8	88.3	90.1	104.2

#### NA Not available.

Source: NATIONAL ASSOCIATION OF REALTORS(B), Washington, DC, Existing Home Sales, monthly. (Copyright.)

No. 1217. Existing Home Sales, by State: 1982 to 1986

[In thousands. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION, AND STATE	1982	1963	1984	1005	1868	DIVISION AND STATE	1000	1000	1984	1905	1000
U.S	2,120.0	2,924.0	3,000.0	3,403.0	3,887.0	8.A DE	306.1 7.3	<b>624.3</b> 9.3	984.2 10.0	649.3 12.3	723.2 12.0
Region: 1		ĺ	ı	l	•	MO	43.8	60.8	86.8	80.9	
Northeest	399.3	573.5	609.4	756.3	845.4	DC	5.5	7.5	7.8	9.9	11.6
Midwest	519.7	756.9	805.6	917.1	1,042.6	VA	71.3	103.1	96.1	107.2	130.4
South		1.088.1	1.127.8	1.236.9	1.323.9	WV	21.9	32.2	34.6	37.7	39.7
West	436.9	611.6	660.2	703.6	792.0	NC	70.0	93.0	103.2	123.3	130.2
		1	ı	1		SC	30.2	39.7	46.0	52.6	58.0
N.E	96.7	155.2	170.4	206.0	210.7	<u> </u>	35.8	51.0	80.1	85.1	75.1
ME	14.8	21.0	23.3	27.1	30.8	FL	100.3	127.7	137.6	151.3	100.4
NH	7.9	15.2	16.9	19.3	17.4	l					200.0
VT	6.0	7.4	8.2	9.9	12.4	E.B.C	130.8	206.0	221.3	282.1	31
MA	42.5	65.0	86.5	80.5	84.6	<u> </u>	37.1 46.8	58.5 71.1	57.3 76.7	57.7	1120
RI	6.2	8.8	11.0	13.2	13.5	IN	31.9	41.8	53.3	59.7	60.8
CT	21.3	37.8	44.5	56.0	52.0	MS		32.6	32.0	35.5	34.2
M.A	206.0	418.3	430.0	560.3	634.7	w.s.c	294.4	361.6	342.3	344.5	225.1
NY	120.9	146.5	146.9	190.7	216.8	AR	31.3	43.0	43.4	49.5	2
<u>NJ</u>	73.0	112.9	119.7	148.8	159.8	<u> </u>	45.7	63.0	50.3	44.1	340
PA	106.7	158.9	170.4	210.8	258.3	I OK	52.1	84.7	51.9	46.8	40.4
ENC	333.4	490.5	520.7	625.8	708.7	TX	165.3	191.1	195.7	203.8	190.9
OH	83.0	129.1	138.3	162.5	179.9	l	400.0				
N	41.4	57.2	64.5	90.1	86.1	<b></b>	196.6	100.2	181.3	195.4	196.7
L	60.0	115.3	122.5	140.5	179.2	MT	9.3	12.4	12.4	11.1	11.9
М		135.1	139.4	167.2	186.6	10		11.3	12.3	11.5	11.3
W1	34.2	53.8	58.0	65.5	76.9	WY	5.1 36.4	5.5	6.2	6.5	6.1
***************************************	1	30.0	30.0	0.5	,	00		48.1 18.3	47.1 19.1	49.3 19.8	47.5 19.5
W.N.C	186.3	206.4	284.9	291.3	333.9	NM	37.9	50.7	59.8	71.7	73.6
MN	44.3	58.6	65.5	73.9	96.8	ΩŤ		14.7	15.0	15.5	14.8
Ä	28.6	39.1	41.9	39.5	48.1	NV	8.2	10.2	9.4	10.0	11.0
MO		72.1	81.0	85.8	86.4	I '**	0.2	10.2		10.0	11.0
ND		9.4	10.0	6.9	9.5	Pec	300.3	442.4	478.9	990.2	-
80		13.3	11.8	11.3	13.2	WA		44.9	44.9	43.6	50.6
NE	16.6	24.6	24.9	24.5	25.5	OR	24.4	34.4	35.7	39.3	44.0
KB		49.3	8.0	47.4	54.4	CA1	233.6	343.2	382.1	407.2	401.5
	1	1	1	1	1	ĀK	4.3	12.1	92	10.0	6,1
	i	I	ı	I	i	Н	4.1	7.6	7.0	7.9	100
	L	1	I	1	l	I			1		

<sup>&</sup>lt;sup>1</sup> U.S. and region totals are derived independently and therefore are not equal to the sum of the States. *California Association of Realizea*().

<sup>&</sup>quot; Provided by the

# B. NEW APARTMENTS COMPLETED AND RENTED IN 3 MONTHS, BY REGION: 1980 TO 1986

ore units, privately financed, romanisationd, uniternished opertments. Besed on semple and subject to sampling variability. For composition of regions, see fig. 1, incide front cover)

		HUMB	ER (1,0	00)		PEI	CENT REA	TED IN	3 MONTH	<del></del>
YEAR AND RENT	Total	North- east	Mid- west	South	West	Total	North-	Mid- west	South	West
	196.1 135.3 117.0 191.5 313.2 365.2	14.2 4.9 4.8 3.5 3.6 6.1	43.8 38.9 21.9 41.1 41.2 54.0	91.5 68.4 68.8 115.1 194.4 168.1	46.6 25.1 23.7 31.8 73.9 137.0	75 60 72 69 67 65	77 85 74 73 64	77 96 70 96 70 72	74 78 70 83 63 59	76 78 72 69 70 68
<b>&gt;</b>	468.0 30.6 34.3 67.1 64.3 61.6 150.2	17.0 3.5 .6 (2) .4 1.0 11.6	64.1 7.9 7.5 11.7 6.2 7.7 21.0	171.7 14.9 15.1 35.6 31.2 29.6 45.4	186.1 4.3 11.2 19.7 24.5 23.3 72.2	36 70 71 64 65 64 66	70 69 57 (2) 37 68 72	70 75 64 64 68 71 67	62 70 84 84 63 61 80	68 85 74 64 67 64

nn 50 or .5 percent.

### No. 1219. GROSS HOUSING PRODUCT-SUMMARY: 1970 TO 1986

[In billions of dollars. For definition of current and constant dollars, see Guide to Tabular Presentation]

		C	URRENT	DOLLA	RS			CONS	TANT (1	982) DO	LLARS	
ITEM	1970	1980	1983	1984	1985	1986	1970	1980	1983	1984	1985	1986
housing output <sup>1</sup>	90.5 87.3 61.3 26.0 3.3	240.1 178.3 61.9	330.8 318.6 233.9 84.7 12.1	356.7 344.5 252.3 92.2 12.2	386.7 375.7 272.7 103.0 10.9	410.5 296.0	207.4 189.1 132.8 56.2 18.3	285.6			327.9 316.2 230.5 85.7 11.7	336.9 325.5 236.0 89.5 11.4
housing product	12.7 77.8	47.2 204.0	57.2 273.6		62.9 323.8	65.0 355.4	29.9 177.5	56.4 243.5	54.1 258.7	54.9 265.2	53.4 274.5	52.1 284.7

irsonal consumption expenditures (see text, section 14) for housing, less expenditures for transient hotels, motels, i, and other group housing.

### No. 1220. RESIDENTIAL CAPITAL-STOCKS AND AVERAGE AGE: 1980 TO 1986

. 31. Data based on fixed residential capital formation components of the gross national product. For nonresidential business capital, see table 849]

			ENT DO			cc		(1982) bil. dol.		RS			RAGE A		
	1960	1970	1980	1985	1986	1960	1970	1980	1985	1986	1960	1970	1980	1985	1986
tarm:	688	1,220	4,184	5,517	5,914	2,454	3,319	4,484	5,008	5,160	27.2	25,1	23.7	24.0	23.9
units		983 125 55	3,331 508 134	4,401 696 152	4,721 756 156	2,056 174 153	2,689 343 150	3,572 543 145	3,985 631 137	4,107 657 136	26.6 26.3 43.7	25.7 18.1 43.9	24.5 17.6 42.8	24.8 18.5 42.9	24.7 18.4 42.9
keeping ies eral, State	5	10 14	24 73	27 91	28 93	16 6	27 29	25 77	25 89	25 89	21.8 4.7	14.6 4.7	19.3 7.1	21.8 8.2	22.3 8.3
ma, state	12	25	85	112	120	42	68	91	101	104	11.2	14.9	19.6	21.7	22.0
farm:	436	791	2,734	3,559	3,824	1,555	2,151	2,929	3,230	3,334	17.5	16.5	16.2	16.8	16.7
a units	371 28 19	639 88 24	2,187 363 57	2,857 487 64	3,072 529 65	1,333 102 70	1,748 243 64	2,345 387 62	2,587 441 58	2,672 459 57	17.1 18.6 29.5	17.2 11.1 28.8	16.8 12.5 26.4	17.4 13.6 26.4	17.3 13.7 26.5
keeping	2	10	12 41	13 47	13 47	8	18 21	13 43	11 46	11 45	12.7 3.5	9.0 3.3	16.0 5.3	18.3 5.6	18.6
eral, State	10	18	57	72	77	34	51	61	65	67	9.9	12.7	16.2	17.6	17.7

dollar stocks. <sup>2</sup> Includes equipment, not shown separately.
<sup>3</sup> Based on straight-line depreciation.

it. Bureau of the Census, Current Housing Reports, series H-131, and unpublished data.

<sup>3.</sup> Bureau of Economic Analysis, The National Income and Product Accounts of the United States, 1929-82, and rent Business, July leaves.

Bureau of Economic Analysis, Survey of Current Business, August 1987, and Fixed Reproducible Tangible Wealth States, 1925–95.

### No. 1221, Housing Units-Summary of Characteristics: 1960 to 1983

[In thousands, except as indicated. As of April, except 1983 as of fall. For information on methodology, see Appendix III. For definition of median, see Guide to Tabular Presentation. For composition of regions, see fig. I, inside front cover]

						1983		
CHARACTERISTIC	1960	1970	1980	C. C. C.		Regi	ons	
2021002				Total	North- east	Mid- west	South	West
All housing units	58,326	68,672	88,411	93,519	20,053	23,874	31,150	18,443
All year-round units Occupied units Owner occupied Percent of all occupied	56,584	67,699	86,693	91,675	19,352	23,421	30,700	18,201
Occupied units	53,024	63,445 39,886	80,390	84,638	18,221	21,618	27,931	16,868
Owner occupied.	32,797	39,886	51,795	54,724	11,009	14,935	18,825	9,95
Percent of all occupied	61.9	62.9	64.4	64.7	60.4	69.1	67.4	59.0
Renter occupied	20,227	23,560	28,595	29,914	7,212	6,683	9,106	6,912
Vacant year-round	3,560	4,254	6,303	7,037	1,131	1,803	2,769	1,33
For sale only	522	501	948	955	120	275	364	19
Homeowner vacancy rate	1.6	1.2	1.8	1.7	1.1	1.8	1.9	1.1
For rent	1,453	1,666	2,179	1,906	303	470	753	38
Rental vacancy rate	6.7	6.8	7.1	5.9	4.0	6.4	7.5	5.1
Other vacant	1,084	2,087 973	3,176 1,718	4,176 1,845	708 700	1,058 453	1,652 450	756
	1,742	673	1,710	1,045	700	400		-
Cooperatives and condominiums: Owner occupied	(NA)	(NA)	(NA)	1,749	422	341	496	489
Cooperatives	(NA)	(NA)	(NA)	360	227	58	35	40
Condominiums	(NA)	(NA)	(NA) 1,225	1,389	195	284	461	445
Vacant for sale only	(NA)	(NA)	(NA)	145	14	25	65	4
Public or subsidized housing: 1		N CO	1 2 5				1	
Units in public housing project	(NA)	(NA)	(NA)	2,180	639	525	707	306
Units in public housing project	(NA)	(NA)	(NA)	1,199	381	252	293	273
Inits in structure 5 —		100	100.00			4.4	Total.	-
1-unit	43,758	46,791	57,183	61,482	10,884	16,546	22,298	11,75
Percent of total units	77.3	69,1	65.9	67.1	56.2	70.6	72.6	64 (
2-4 units	7,552	9,007	9,682	11,373	3,847	2,969	2,516	2,04
5 or more units	6,238	9,829	15,478	14,820	4,274	3,149	4,028	3,36
Mobile home or trailer	767	2,073	4,416	3,999	348	756	1,858	1,037
fear structure built: <sup>2</sup>	100	-75		4.150	1.7574	1357	25.24	
April 1970 or later	(X)	16,956	3 22,744	23,686	2,633	4,926	10,301	5,82
1960-March 1970	(x)	16,956	* 17,087	18,144	3,082	4,242	6,763	4,05
1950-1959	16,046	14,499	14,871	14,331	2,628	3,544	5,013	3,14
1940-1949	8,640	8,788	9,642	8,101 27,413	1,549	1,782	3,051	1,71
1939 or earlier Percent built prior to 1940	33,632	27,458	22,414	27,413	9,461	8,927	5,573	3,45
Percent built phor to 1940	57.7	40.6	25,8	29.9	48.9	38.1	18.2	190
Units with *— 1-3 rooms	44.400	44.000	13,598	10.500	3,498	2,768	3.834	3.43
1-3 rooms	11,400	11,028	16,969	13,533	3,499	4,100	6,356	3,43
4 rooms	12,435	14,113	20.017	17,828 21,937	3,409	5,909	8,160	4.05
6 rooms	11,141	13,609	16,945	18,324	3,869	4,940	6,330	3,18
7 or more rooms	9,020	11,950	19,164	20,053	4,764	5,703	6,020	3,56
Median number of rooms	4.9	5.0	5.1	5.1	5.2	5.3	5.1	4
Name of the Control o		0.10	1 30	1 34	177	100	100	
Persons per unit (median): Owner occupied				!				
Owner occupied	3.1	3.0	2.6	2.5	2.7	2.6	2.5	2
Renter occupied	2.6	2.3	2.0	2.0	2.0	1.9	2.2	2
Units lacking some or all plumbing facilities *	7,899	4,398	2,334	2,233	371	463	1,174	22
		1	-		100	-2		
Percent of units with— Telephone <sup>6</sup>	78.5	87.0	93.0	90.4	91.3	92.2	88.3	90
Air conditioning \$	12.4	36.7	55.0	59.1	46.8	61.7	78.2	37.
Air conditioning 2 Central system 2	1.9	10.7	27.5	29.2	9.6	29.5	45.4	23
Public sewer <sup>1</sup>		70.2	74.1	74.3	76.9	76.5	65.6	83
Public or private company water 1	(NA)	81.7	83.6	84.4	85.8	81.0	81.5	92
fear householder moved into unit:					1	1	1	00
April 1970 or later	(NA)	(NA)	(NA)	61,655	12,038	15,259	20,665	13,69
1965-March 1970	(NA)	(NA)	(NA)	7.004	1,698	1,852	2,325	1,12
1960-1964	(NA)	(NA)	(NA)	5,090	1,301	1,379	1,643	76
1950-1959	(NA)	(NA)	(NA)	6,397	1,827	1,812	1,911	84
1949 or earlier	(NA)	(NA)	(NA)	4,493	1,358	1,316		43

NA Not available. X Not applicable. <sup>1</sup> Refers to specified renter-occupied units. <sup>9</sup> For 1980, all housing units, based on a complete count, but tabulated on a 20-percent sample basis. For 1970, 1980, and 1983 all year-round units. For 1980 and 1983, air conditioning based on occupied housing units. <sup>9</sup> January 1970 or later. <sup>9</sup> 1980 to 1999. <sup>9</sup> Occupied housing units.

Source: U.S. Bureau of the Census, U.S. Cansus of Housing: 1980, vol. 1; 1980 Cansus of Housing, vol. 1, chapters A and B; and Current Housing Reports, series H-150-83, Annual Housing Survey, part A.

# No. 1222. HOUSING UNITS—SELECTED CHARACTERISTICS, BY STATE: 1960 [As of April 1]

					-	EAR-ROU	ND HOUS	ING UN	IITS			
			Pe	ercent wi	h—			Occu	pied hou	sing units		
			Structi	ure built			F	ercent	-			
	Total housing units (1,000)	Total (1,000)	1970 to March 1980	1939 or earlier	5 or more units in struc- ture	Total (1.000)	Owner occu- pied units	With 1.01 or more per- sons per room	House- holder moved into unit 1979 to March 1980	Median value (dol.) speci- fied owner	Median selected monthly owner costs * (dol.)	Median gross rent 3 (dol.) speci- fied renter 1
	88,411	86,759	25.9	26,1	17.5	80,390	64.4	4.5	22.8	47,200	365	243
	1,467	1,451	30.9	16.3	9.1	1,342	70.1	5.4	20.8	33,900	295	188
	163	154	52.7	4.7	22.1	131	58.3	10.1	38.6	76,300	640	368
	1,111	1,072	48.6	5.6	16.3	957	68.3	7.2	32.5	54,800	365	263
	899	889	32.9	17.3	7.2	816	70.5	5.2	23.1	31,100	280	188
	9,279	9,223	27.2	14.7	24.0	8,630	55.9	7.4	28.0	84,500	411	283
mbia	1,194	1,170	39.1	18.0	21.4	1,061	64.5	2.8	33.0	64,100	422	252
	1,159	1,145	18.1	32.0	17.5	1,094	63.9	2.6	18.1	65,600	434	261
	239	230	25.7	20.8	16.7	207	69.1	2.6	21.1	44,400	351	247
	277	277	7.0	39.1	52.7	253	35.5	8.1	20.1	68,800	399	226
	4,379	4,279	43.9	6.7	23.7	3,744	68.3	5.3	26.8	45,100	337	256
(	2,028	2,014	33.3	14.7	14.0	1,872	65.0	5.3	23.9	36,900	340	211
	334	332	38.9	10.5	38.1	294	51.7	15.3	26.8	118,100	463	311
	375	360	38.4	21.9	8.8	324	72.0	4.5	28.8	45,600	332	219
	4,320	4,304	19.4	34.7	22.3	4,045	62.6	4.2	20.6	52,800	406	246
	2,092	2,065	22.0	32.1	10.8	1,927	71.7	3.1	21.0	37,200	304	219
	1,131	1,121	20.5	44.4	10.2	1,053	71.8	2.1	20.6	40,600	348	225
	955	951	22.7	33.6	9.7	872	70.2	2.4	24.0	37,800	330	219
	1,369	1,355	28.7	24.7	10.1	1,263	70.0	4.7	21.2	34,200	298	198
	1,548	1,537	30.8	15.9	11.1	1,412	65.5	7.1	23.2	43,000	313	214
	501	428	23.2	47.5	10.0	395	70.9	3.1	20.1	37,900	317	216
	1,571	1,550	23.6	22.4	22.4	1,461	62.0	3.1	20.6	58,300	413	266
	2,208	2,141	15.4	47.3	20.5	2,033	57.5	2.6	18.2	48,400	424	255
	3,590	3,451	22.1	27.6	12.5	3,195	72.7	3.1	20.0	39,000	363	250
	1,613	1,530	25.2	33.3	17.3	1,445	71.7	2.3	21.8	53,100	375	236
	912	905	32.5	15.6	8.0	827	71.0	8.0	20.4	31,400	284	180
	1,989	1,963	23.9	29.4	11.4	1,793	69.6	3.4	21.3	36,700	317	211
	328	315	30.7	30.3	9.9	284	68.6	3.8	27.8	46,500	347	200
	625	619	23.8	38.9	12.3	571	68.4	2.1	22.9	38,000	359	213
	340	338	51.8	5.7	23.2	304	59.6	4.7	37.7	68,700	454	310
	386	349	27.5	39.0	14.3	323	67.6	2.4	22.0	48,000	408	251
	2,772	2,690	16.1	33.4	20.9	2,549	62.0	3.5	16.7	60,200	456	270
	508	493	36.5	11.8	12.2	441	68.1	8.6	29.5	45,300	324	216
	6,868	6,706	11.9	43.3	35.8	6,340	48.6	4.9	17.1	45,600	430	249
	2,275	2,224	32.0	17.3	8.5	2,043	68.4	4.5	20.6	36,000	320	205
	259	253	30.9	34.9	14.3	228	68.7	2.7	24.6	43,900	392	206
	4,108	4,078	20.0	32.8	14.1	3,834	68,4	2.5	20.2	44,900	347	224
	1,237	1,230	30.0	20.2	10.1	1,119	70,7	3.7	26.4	35,600	305	214
	1,083	1,072	34.2	20.6	15.1	992	65,1	2.9	29.8	56,900	371	257
	4,596	4,513	16.4	44.8	12.2	4,220	69,9	2.4	15.8	39,100	336	225
	373	363	16.1	43.0	16.4	339	58,8	2.5	19.6	46,800	391	225
	1,154	1,123	34.4	15.2	8.4	1,030	70.2	6.0	20.6	35,100	312	206
	277	270	26.6	40.7	11.2	243	69.3	3.6	23.5	36,600	352	186
	1,747	1,737	31.1	16.7	11.5	1,619	68.6	4.4	22.0	35,600	299	203
	5,549	5,485	35.2	12.2	18.4	4,929	64.3	7.2	29.1	39,100	348	245
	490	481	37.7	18.8	12.5	449	70.7	5.8	28.8	57,300	381	235
	223	196	24.4	46.9	9.4	178	68.7	2.5	21.6	42,200	336	226
	2,021	2,000	30.9	17.7	16.2	1,863	65.6	3.4	23.3	48,000	395	256
	1,689	1,652	32.0	21.3	17.2	1,541	65.6	2.9	29.0	59,900	362	254
	748	737	24.9	34.2	6.2	686	73.6	4.1	18.0	38,500	290	195
	1,864	1,756	23.1	36.6	12.3	1,652	68.2	2.4	20.7	48,600	381	234
	188	182	40.4	22.6	10.0	166	69.2	4.2	34.2	59,800	397	252

owner-occupied" housing units include one-family houses on less than 10 acres without a commercial establishment lice on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, s'occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings, owner with a mortgage". Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or in the property, real estate taxes; fire and hazard insurance on the property, utilities (electricity, gas, and water); and , kerosene, wood, etc.). \* "Gross rent" is the contract rent plus the estimated average monthly cost of utilities s, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are paid for by the renter for paid for the renter by in addition to rent. \* "Specified renter-occupied" housing units include renter-occupied units except one-family or more acres.

I. Bureau of the Census, 1980 Census of Housing, vol. 1, chapters A and B (HC80-1-A and HC80-1-B).

#### No. 1223, Occupied Housing Units—Tenure, by Race of Householder: 1920 to 1983

[In thousands, except as indicated. As of April 1, except 1983, as of fall. Prior to 1990, excludes Alaska and Hawali. Statutos on the number of occupied units are essentially comparable although identified by various terms—the term "family" applies to figures for 1920 and 1930; "occupied dwelling unit," 1940 and 1950; and "occupied housing unit," 1960 to 1963. For 1820, includes the small number of quasifamilies; for 1930, represents private families only. See also Historical Statistics, Colorar Times to 1970, series N 238-245]

RACE OF HOUSEHOLDER AND TENURE	1920	1920	1940	1906	1985	1970	1905	1983
ALL RACES	i							
Occupied units, total	24,352	29,905	34,855	42,826	53.024	63,445	80,390	84,636
Owner occupied		14,200	15,196	23,560	32,797	39.868	51,795	54,724
Percent of occupied		47.8	43.8	55.0	61.9	62.9	84.4	647
Renter occupied	13,236	15,624	19,659	19,260	20,227	23,560	28,595	29,914
WHITE	1					1		
Occupied units, total	21,826	26,983	31,581	39,044	47,880	58,806	88.810	72,562
Owner occupied	10.511	13,544	14,418	22,241	30,823	37,005	46,671	49,144
Percent of occupied		50.2	45.7	57.0	84.4	65.4	67.6	67 7
Renter occupied	11,315	13,439	17,143	16,803	17,057	19,601	22,139	23,418
BLACK AND OTHER	į				ŀ			
Occupied units, total	2,526	2,922	3,293	3,783	5,144	6.839	11.580	12,076
Owner occupied	603	737	778	1,319	1,974	2,861	5,124	5,500
Percent of occupied		25.2	23.6	34.9	38.4	42.1	44.2	46.2
Renter occupied	. 1,923	2,185	2,516	2,454	3,170	3,959	6,456	6,406

Source: U.S. Bureau of the Census, Census of Housing: 1980, vol. 1; 1970, vol. 1; 1980 Census of Housing, vol. 1, chapter A (HC80-1-A); and Current Housing Reports, series H-150-83, Annual Housing Survey: 1983, part A.

#### No. 1224. Occupied Housing Units-Financial Summary: 1970 to 1983

[In thousands, except as Indicated. See headnote, table 1221. For definition of median, see Guide to Tabular Presentation. For composition of regions, see fig. I, inside front cover. See also Historical Statistics, Colonial Times to 1970, series N 302-307]

					1983		
CHARACTERISTIC	1970	1980			Reg	jion	
	173	1 1	Total	North- east	Mid- west	South	West
Occupied units, total	63,450	80,390	84.638	18,221	21,618	27,931	16,868
Mortgaged		25,483	27,758	5,112	7.410	9.317	5,919
Percent	(NA)	64.6	63.8	58.9	62.2	62.5	73.6
Not mortgaged		13,946	15,777	3,562	4,497	5,594	2,124
Median income:	- VV		100	2-0.	02.1	10.10	1.7
Owner occupied (dol.)	9,700	19,800	24,400	26,300	24,300	21,700	28,000
Renter occupied (dol.)	6,300	10,500	12,400	12,400	11,800	12,400	13,500
Specified owner occupied 1	31,891	39,470	43,535	8,674	11,906	14,911	8,043
Less than \$20,000	10 700	4.777	2,409	362	731	1.218	96
\$20,000-\$24,999			1.486	261	503	637	85
\$25,000-\$34,999	4,0/4	2,494		693	1.468	1.840	206
\$35,000-\$49,999	4,436	5,511	4,207		2.846	3.377	740
\$50,000-\$99,999		8,496	8,703 19,464	1,740	5,385	6.068	
\$100,000 and over	996	[14,382		1,344	975	1,772	3,739
Median—	montonii J	1 3,810	7,269	1,344	8/5	1,772	3,176
Value (dol.)	17,000	47 700	59.700	61,900	52,500	£2 100	89,100
Real estate taxes 2 (dol.)		47,200 460	564	1,100	635	52,100 270	572
Units monthly costs 3—	(NA)	400	304	1,100	035	2/0	314
With mortgages (dol.)	nus.	366	463	503	453	428	500
Owned clear (doi.)		128	166	223	178	137	134
			20.044	7.40		0.704	
Specified renter occupied 4	22,334	27,252	29,214	7,149	6,469	8,791	6,604
Less than \$80	5.466	1.080	646	114	150	302	80
\$80-\$99	3,701	651	551	116	109	201	125
\$100-\$119	3,332	818	4	1,14	100	75.	
\$120-\$149	3,772	1,678	1,707	448	395	580	285
\$150-\$199	3,304	4,219	2,364	545	637	805	376
\$200-\$299	1,194	10.023	7,377	1,854	2.088	2.097	1,338
\$300 and over	265	7,516	15,168	3,843	2,000	4.144	4,374
No cash rent	1,300	1,267	1,401	226	286	662	226
Median rent (dol.)	108	243	315	316	286	304	362

NA Not available. Includes only 1-family homes on less than 10 acres and no business on the property.

\* Taxes paid previous year. \*\* Covers real estate taxes, property insurance, utilities, fuel, water, garbage and tresh collection, and mortgage. \*\* Excludes 1-family homes on 10 acres or more.

Source: U.S. Bureau of the Census, Census of Housing, 1970 and 1990, vol. 1, and Current Housing Reports, H-150-83, Annual Housing Survey: 1983, parts A and C.

NO. 1225. HEATING EQUIPMENT AND FUELS FOR OCCUPIED UNITS: 1950 TO 1983

		MJ	MBER (1,00	10)			PERCEN	IT DISTRI	BUTION	
ITEM	1996	1985	1970	1000	1963	1006	1905	1970	1983	1986
units, total	42,826	\$3,024	63,445	80,300	84,838	100.0	100.0	100.0	100.0	100.
ment										
nece	11,508	17,378	27,515	39,279 2,635	44,320 2,171	}· 26.9	32.8	43.4	{ 48.9 3.5	52. 2.
t water or pipelees	10,071	11,999	13,211	13,859	13,772	23.5	22.6	20.8	17.2	16.
ric units	(,)	6,068 <b>664</b>	5,552 3,236 7,209	4,693 6,370	5,977 6,207	(,)	11.5 1.3	8.6 5.1	5.8 7.9	7. 7.
rs with flue	² 15,390	2 11,163	7,209	6,068	3,438	* 36.0	* 21.1	11.4	7.6	4.
rs without flue Noves, or	5,268	5,218	3,568	2,736	2,926	12.3	9.8	5.6	3.4	3.
•••••••••••••••••••••••••••••••••••••••	(ª ) 581	( <u>)</u>	2,786 396	3,977 541	5,152 677	1.4	(*)	4.4	4.9	6.
) fuck	44 007	****	05.044	40.050	40 700		40.			
zeene, etc	11,387 9,866	22,851 17,158	36,014 16,473	42,656 14,855	46,700 13,031	26.6 22.6	43.1 32.4 1.8	55.2 26.0 7.7	53.1 18.2 16.3	55. 15. 18.
, or LP ass	283 787	933 2,656	4,876 3,807	14,788 4.535	15, <b>66</b> 4 3,969	1.8	1.8 5.1	6.0	5.6	14.
ther fuel	4.865	2,460	1.080	2,729	4,245	11.3	4.6	1.7	3.4	5.
)	4,855 14,828 999	6,456 478	1,821 395	504 541	432 677	34.6 2.3	12.2	2.9	.6 .7	:
······	6,403 22,084	16,351 27,296	25,7 <b>86</b> 31,244	41,906 32,375	(NA)	15.0 51.6	30.8 51.5	40.8 49.2	52.1 40.3	(N)
, or LP 000	3,417	6,491	5,314	5,569	ina)	8.0	12.2	8.4	6.9	N.
	10,796	2,603	906	398	(NA)	25.2	4.9	1.4	.5	(NA
	124	280	213	142	(NA)	.3	.5	.3	.2	(NJ

nts zero. 1 "Floor, wall, or pipeless furnace" included in "Warm air furnace." a, stoves, or portable heaters" included in "Room heaters with flue." 1 Portable heaters.

### 16. OCCUPIED HOUSING UNITS-PRIMARY HEATING FUEL AND EQUIPMENT, BY SELECTED **CHARACTERISTICS: 1984**

sea. As of November. Excludes Alaska and Hawell. Covers year-round units only. Based on Residential Energy Consumption Survey; see Appendix III. For composition of regions, see fig. I, inside front cover)

			PRIMA	RY HEATING	FUEL		1	PRIMA	RY HEAT	NG EQUIF	MENT	
WETTIC	Total occu- pied houe- ing units <sup>1</sup>	Netu- ral gas	Fuel oil, kero- sene	Elec- tricity	LPG •	Wood	Warm air fur- nece with ducts	Steem or hot water sys- tem	Room heat- ers <sup>3</sup>	Floor, wall, or pipe- less fur- nace	Built in elec- tric units	Wood or coel stove
	86.3	47.6	12.2	14.5	2.9	6.5	41.6	18.3	5.5	6.5	5.4	6.1
······································	18.2 21.6 29.3 17.1	7.2 16.4 13.1 11.2	8.2 1.1 2.3 .4	1.4 1.3 8.4 3.4	.2 1.3 2.1 .4	1.1 1.4 2.8 1.1	5.8 14.5 13.8 7.7	9.7 3.7 1.0 .8	.3 .8 3.8 .6	.1 .6 2.4 3.4	1.1 .4 1.9 2.0	1.1 1.1 2.9 1.0
1	53.5	29.8	7.0	7.2	2.6	5.8	27.9	5.1	4.4	4.4	2.6	5.5
/ Iding nit	4.1 10.0	2.5 7.0	.7 1.7	.7 1.0	:	.2	2.3 3.8	1.1 3.2	.2 .6	1.1	.1 .5	4
nu D	13.6 5.1	7.1 1.4	2.2 .7	4.2 1.4	1.2	.4	4.1 3.7	5.8	.2	7	19	4
7 9 4 0 4	5.0 10.1 10.7 8.2 7.5 12.6 7.0 25.2	2.1 3.9 5.1 4.7 4.3 8.3 4.4	.2 .6 .7 1.1 1.9 1.1 5.6	2.0 4.1 3.2 1.7 1.0 1.1 .7	2 .4 .7 .3 .4 .4 .2 12	.4 .7 .9 .7 .6 .7 .5	3.1 5.2 6.2 4.4 4.1 6.5 2.9 9.4	.6 13 1.1 11 10 1.7 14 7.2	١ ا	1 4 6 7 16 1.1	5 13 12 9 5 3 2	.7 .7 .7 .7

<sup>.</sup> Bureau of the Census, Census of Housing, 1990, vol. 1, and 1990, vol. 1; Current Housing Reports, series H-150-using Survey: 1983, part A.

i. Energy Information Admiristration, Residential Energy Consumption Survey: Housing Characteristic, 1994, August

NO. 1227. APPLIANCES USED BY HOUSEHOLDS, BY REGION AND FAMILY INCOME: 1984

[in millions, except percent. As of Movember. Represents appliances possessed and generally used by the household. See headnote, table 1226. For composition of regions, see fig. I, inside front cover]

	HOUSE USI APPLI	NG		REC	IION			FAMILY INCO	OME IN 1984	
TYPE OF APPLIANCE	Num- ber	Per- cent of total	North- east	Mid- west	South	West	Under \$15,000	\$15,000- \$24,999	\$25,000- \$34,999	\$35,000 and over
Total households	86.3	100.0	18.3	21.6	29.3	17.1	35.0	17.4	15.3	18.7
Air conditioners: Room 1	26.8	31.0	7.5	7.2	9.3	2.8	10.7	6.0	5.2	41
Central system		28.5	1.8	5.8	13.3	3.7	6.6	4.4	5.1	8.4
Clothes washer		73.1	13.4	15.8	22.0	12.0	21.0	12.5	12.4	17.2
Clothes dryer		61.5	10.7	14.2	17.8	10.5	14.7	10.6	11.6	16.
Dehumidifier	7.5	8.7	2.8	3.6	1.1	(8)	.9	1.5	2.1	21
Dishwasher		37.6	6.4	6.6	11.5	7.9	6.1	5.7	7.5	13.
Evaporative cooler *		3.8	(S)	(s)	.5	2.6	1.3	.6	.6	1
Freezer		36.7	5.3	9.2	11.7	5.6	10.5	5.9	6.2	9
Humidifier	11.3	13.1	2.8	6.2	1.6	.8	2.5	2.0	2.6	43
Microwave oven 3	29.6	34.3	4.0	8.6	10.1	7.0	5.9	5.9	7.4	10.4
Motor vehicles: 4 One	30.7	35.6	6.8	7.7	10.0	6.2	17.0	7.3	3.9	2.5
Two or more		51.7	7.9	11.2	15.9	9.5	8.8	9.1	10.9	15.
Outdoor gas grill		13.4	3.6	2.6	3.5	1.8	1.5	1.7	2.8	5.5
Outdoor gas light	1.2	1.4	.2	.5	.5	(8)	(S)	.2	.2	1
Oven: Electric	42.4	49.1	7.2	10.0	15.8	9.4	14.4	8.5	8.2	11.
Gas		41.5	9.7	9.8	9.7	6.7	16.5	7.4	5.9	6.1
Portable electric heater	8.9	10.3	1.4	1.5	3.7	2.3	3.6	1.7	1.9	1.0
Portable kerosene heater	5.3	6.1	1.3	1.2	2.5	2	1.7	1.3	1.0	1.
Range: Electric	46.5	53.9	7.7	11.2	18.2	9.4	16.2	9.2	9.0	12
Gas		45.2	10.4	10.2	10.9	7.6	18.3	8.1	6.1	6
Refrigerator: Frost-free	53.9	62.4	9.5	12.8	19.8	11.8	17.1	10.6	10.8	15.3
Non frost-free 5	32.2	37.3	8.7	8.8	9.5	5.2	17.6	6.7	4.5	3.
Television set: Color		88.0	16.3	19.3	25.1	15.2	27.7	15.6	14.4	16.2
Black and white		43.2	9.0	9.0	13.3	6.0	14.6	7.1	6.7	8.1
Water heater: 6 Gas	41.3	47.8	7.0	12.5	11.8	10.0	14.8	8.1	8.0	10.5
Electric	27.9	32.3	3.9	4.8	15.0	4.3	11.4	5.8	4.7	6.0
Other fuel		3.2	2.6	(s)	.2	(8)	.7	.5	.6	
Whole house cooling fan	6.7	7.8	1.3	1.7	3.1	1.7	1.2	1.3	1.7	2.5
Window or ceiling fan	30.6	35.5	6.0	7.9	13.8	3.0	11.2	6.5	6.1	6.0

S Figure does not meet publication standards. Includes small amount of households that have both central ar conditioners and room units. An air-cooling unit used in dry climates that turns air into molet, cool air by saturating the air with water vapor. All motorized vehicles used by U.S. households for parsonal transportation excluding motorcycles, mopeds, large trucks, and buses. Includes refrigerators without freezer compartments.

\* Excludes water heaters that serve more than one household.

# No. 1228. Housing Units—Characteristics, by Square Footage of Floor Space: 1980 to 1984

[See headnote, table 1226. For composition of regions, see fig. I, inside front cover]

•	AVERAGE	NUMBER OF		EET PER				URED HE	
CHARACTERISTIC	То	tal	Hee	ted		Less	1,000	1,800	2,400
	Mean	Median	Mean	Median	Total	then 1,000	1,599	2,300	200 000
1960, total	1,745 1,734 1, <b>638</b>	1,488 1,452 1,463	1,499 1,482 1,449	1,280 1,247 1,222	81.6 83.1 83.8	26.6 29.0 30.3	24.0 25.2 25.1	17.8 18.0 17.7	11. 11.
1984, total	1,672	1,434	1,440	1,225	96.3	31.0	24.9	18.9	10.
Northeast	1,914 1,811 1,518 1,503	1,862 1,646 1,290 1,290	1,801 1,581 1,337 1,289	1,407 1,322 1,174 1,113	18.3 21.6 29.3 17.1	6.1 7.8 11.0 7.0	4.2 4.9 10.0 5.8	4.8 5.2 8.0 3.0	3. 2. 1.
Single family detached	2,049 1,880 1,159 816 837	1,004 1,819 991 743 780	1,716 1,643 1,067 601 819	1,547 1,550 990 736 788	53.5 4.1 10.1 13.8 5.1	10.3 .6 5.8 10.8 4.0	17.6 1.3 2.6 2.2	16.0 1.4 1.0 .5	•
Year house built: 1980 or later 1975-1979 1970-1974 1980-1984 1980-1984 1980-1989 1980-1988	1,543 1,709 1,662 1,621 1,884 1,698 1,586	1,300 1,500 1,184 1,326 1,358 1,529 1,400 1,584	1,353 1,472 1,378 1,431 1,450 1,451 1,367	1,209 1,317 1,100 1,175 1,231 1,243 1,224	5.0 10.1 10.7 6.2 7.5 12.6 7.0 25.2	1.9 3.5 4.5 3.1 2.5 4.2 2.6	1.5 2.5 2.8 2.8 2.5 3.9 2.1 7.0	1.1 2.5 2.1 1.5 1.5 3.1 1.5 8.7	1

<sup>-</sup> Aspresents zero or rounds to zero.

Source: U.S. Energy Information Administration, Residential Energy Consumption Survey: Housing Characteristics, 1984, October 1988.

# 226. EXPENDITURES BY RESIDENTIAL PROPERTY OWNERS FOR IMPROVEMENTS AND AINTENANCE AND REPAIRS BY TYPE OF PROPERTY AND ACTIVITY: 1970 TO 1986

[in millions of dollars]

		A		ADDI	TIONS AND	ALTERAT	ONS		
		1-unit proper-			To stru	ctures	To	Marian	Mainte
/PE OF EXPENDITURE	Total	with owner occu- pant	Other proper- ties	Total	Addi- tions	Alter- ations	proper- ty outside of struc- tures	Major replace- ments	nance and repairs
***************************************	14,770 25,239	9,469 15,684	5,301 9,556	6,246 10,997	1,411	3,539 6,844	1,296 2,182	2,629 4,484	5,895 9,758
	29,034 31,280	18,854 21,761	10,180 9,519	12,314	3,493 2,655	6,367 8,505	3,077	5,341 5,699	11,379
	37,461 42,231	24,189	13,272	16,458	3,713	8,443 9,642	4,302 5,363	8,094	12,909
***************************************	46,338	31,481	14,857	21,336	4,183	11,193	5,960	9,816	15,187
A	46,351 45,291	30,201 29,779	16,150 15,512	20,414 18,774	3,164 2,641	11,947	5,303 5,423	9,915 9,707	16,022 16,810
******************************	49,295	32,524	16,771	20,271	4,739	11,673	3,859	10,895	18,128
-conditioning <sup>2</sup>	<b>69,784</b> 5,071 6,919	43,781 2,768 3,346	26,003 2,303 3,573	27,822 959 1,201	6,007 (NA) (NA)	14,486 959 1,201	7,329 (NA) (NA)	13,067 2,391 2,408	28,894 1,721 3,310
***************************************	5,140 8,817	2,573 4,998	2,568 3,819	(NA) (NA)	(NA) (NA)	(NA)	(NA) (NA)	3,126 (NA)	2,014 8,817
-conditioning <sup>3</sup>	80,267 5,096 8,120	47,742 3,287 4,029	32,525 1,809 4,091	28,775 1,121 1,502	3,966 (NA) (NA)	17,599 1,121 1,502	7,211 (NA) (NA)	16,134 2,322 3,115	35,358 1,653 3,503
***************************************	7,497 11,267	4,428 5,810	3,069 5,457	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)	5,086 (NA)	2,411
-conditioning *	91,274 6,232 8,461 7,685	54,298 3,993 3,791 3,834	36,976 2,239 4,670 3,851	38,608 974 1,484 (NA)	7,377 (NA) (NA) (NA)	21,192 974 1,484 (NA)	10,040 (NA) (NA)	16,695 3,399 3,408 4,552	35,971 1,860 3,569 3,133
	11,170	5,673	5,497	(NA)	(NA)	(NA)	(NA)	(NA)	11,170

Reble. Includes types of expenditures not separately specified. If Central air-conditioning. Bureau of the Census, Construction Reports, series C50.

### 1230. VACANCY RATES FOR HOUSING UNITS-CHARACTERISTICS: 1981 TO 1986

viual averages. Based on Current Population Survey and Quarterly Household Survey. Rate is relationship between ing for rent or for sale and the total rental and homeowner supply, which comprises occupied units, units rented or stilling occupancy, and vacant units available for rent or sale. For composition of regions, see fig. I, inside front cover. torical Statistics, Colonial Times to 1970, series N 249-256]

s	1981	1982	1983	1984	1985	1986	HOMEOWNER UNITS	1981	1982	1983	1984	1985	1986
	5.0	5.3	5.7	5.9	6.5	7.3	Total home- owner units	1.4	1.5	1.5	1.7	1.7	1.6
	4.8 5.7	5.0 6.2	5.5 6.3	5.7 6.4	6.3 7.1	7.2 8.2	Inside SMSAs Outside SMSAs	1.4	1.5	1.6	1.6	1.7	1.5
	3.7 5.9 5.4 5.1	3.7 6.3 5.8 5.4	4.0 6.1 6.9 5.2	3.7 5.9 7.9 5.2	3.5 5.9 9.1 6.2	3.9 6.9 10.1 7.1	Northeast Midwest South West Units in structure:	1.1 1.4 1.3 1.7	1.0 1.6 1.6 1.9	1.0 1.5 1.8 1.8	1.6 2.0 2.0	1.0 1.6 2.1 2.1	1.0 1.5 2.1 1.6
re:	3.3 6.0 6.4	3.6 6.2 6.5	3.7 6.7 7.1	3.8 7.0 7.5	3.8 7.9 8.8	3.9 9.2 10.4	1 unit	1.1 5.4 10.8	1.2 6.1 12.2	1.3 5.2 8.8	1.4 6.1 10.6	6.6 10.1	5.6 8.3
nore	6.9 4.8 3.8 3.2	7.2 5.0 4.0 3.5	7.2 5.7 4.4 3.7	7.5 6.3 4.6 3.5	8.8 6.9 5.0 3.2	10.2 8.0 5.3 3.3	3 rooms or less 4 rooms 5 rooms or more Value:		3.9 2.4 1.4 1.2	3.3 2.4 1.4 1.3	4.8 2.6 1.6 1.4	5.8 2.3 2.0 1.4	5.2 2.3 1.7 1.3
9	3.0	3.4 5.4	2.5 5.7	2.7.	3.5 6.6	2.8	\$19,999 \$20,000 or more	1.8	2.3 1.2	2.3	2.5 1.3	2.5 1.3	2.6
	5.1 5.3 4.9	5.3 5.6 5.2	5.9 6.2 5.4	) 6.6 5.6	7.9 6.2	9.5	Year built: 1960 or later 1965 or later 1950–1959	1.8	1.8 2.1 9	1.8 1.9 1.1	) 2.0 1.2 1.7	20	1.8
ties	5.2 4.8 12.3	5.5	5.6 5.5	5.3 5.7 13.6	5.0 6.3 13.6	5.0 7.2 14.5	Plumbing. With all facilities Lacking facilities	1.6 1.4 3.3	1.6 1.5 3.9	1.5	1.6 5.3	1.8 1.7 7.5	1.6

Bureau of the Census, Current Housing Reports, series H-111.

### No. 1231. RECENT HOME BUYERS—GENERAL CHARACTERISTICS AND DOWNPAYMENTS: 1976 TO 1986

[As of October. Based on a sample survey; subject to sampling variability]

ITEM	Unit	1978	1978	1986	1961	1983	1963	1984	1986	1986
Median price of house purchased	Dollars	43,340	58,100	66,714	78,220	82,500	90,000	59,400	90,400	93,000
First-time buyers	Dollars	37,670	50,900	61,450	63,160	58,900	73,100	81,500	75,100	74,700
Repeat buyers 1	Dollars	50,090	64,600	75,750		96,300	101,600	100,400	108,200	114,860
Average monthly mortgage payment	Dollars	329	449	500	664	732	794	666	896	862
Percent of income	Percent	24.0	28.2	32.4	35.5	33.0	32.5	30.3	30.0	20.6
Percent buying					l			ł		
New houses	Percent	15.1	17.6	22.4	25.2	23.2	26.4	22.3	23.8	25.7
Existing houses		84.9	82.2	77.6	74.8	76.8	73.6	77.7	76.2	74.3
Single-family houses	Percent	88.8	87.5	82.4	78.3	76.6	87.8	60.9	87.0	85.1
Multiple-family houses	Percent	4.8	5.3	5.5	6.9	6.5	4.6	2.5	4.2	52
Condominiums	Percent	8.4	6.8	12.1	13.4	16.9	7.6	7.6	6.4	33
For the first time	Percent	44.8	36.6	32.9	39.4	40.6	40.5	37.7	36.6	26.5
TO 418 II St W. II S	Percent		30.0	32.9	30,4	40.6	40.5	37.7	30.0	<b>40.3</b>
Average age of first-time buyers	Yeers	26.1	26.4	28.3	28.4	26.6	28.9	29.1	28.4	30.9
Average age of repeat buyers 1	Years	35.9	34.7	36.4	36.4	37.1	37.3	37.8	38.4	36.5
Downpayment to sales price	Percent	25.2	24.9	28.0	24.1	22.4	22.9	20.9	24.8	23.4
First-time buyers	Percent	16.0	17.6	20.5	19.4	15.1	15.7	13.2	11.4	13.4
Repeat buyers 1		30.8	29.0	32.7	27.1	27.3	27.8	25.6	32.7	28.9
nepest buyers	Percent	30.8	29.0	32.7	27.1	27.3	27.0	20.0	32.7	20.0

<sup>&</sup>lt;sup>1</sup> Buyers who previously owned a home.

Source: Chicago Title Insurance Company, Chicago, IL, The Guarantor, bimonthly. (Copyright.)

# No. 1232. Volume of Long-Term Mortgage Loans Originated, by Type of Property, 1970 to 1986, and by Lender, 1986

[In billions of dollars. Covers credit extended in primary mortgage markets for financing real estate acquisitions]

		-								1986, BY	LENDER		
TYPE OF PROPERTY	1970	1975	1980	1982	1983	1984	1985	Total 1	Sav- ings and loan	Com- mer- cial banks	Mort- gage com- panies	Fed. credit agen- cies	Mu- tual sav- ings
Loans, total 1-4 unit family home New units Existing units	59.8 35.6 12.6 23.0	120.7 77.9 24.6 53.3	197.2 133.7 49.1 84.6	153.9 97.0 30.6 66.4	295.6 201.9 47.4 154.5		383.3 243.0 53.6 189.4	858.7 454.0 82.7 371.3	218.3 176.1 24.7 151.4	201.2 107.6 16.5 91.1	142.9 131.6 35.0 96.6	8.2 2.7 1.1 1.6	39.1 31.1 4.1 27.0
Multifamily residential New units Existing units	8.6 7.0 1.8	10.7 5.8 4.9	12.5 8.6 3.9	11.4 6.1 5.3	21.4 8.8 12.6	27.6 11.1 16.5	31.9 10.6 21.3	49.5 15.1 34.4	19,9 2.9 17.0	6.8 1.8 5.0	7.2	1.7 1.4 3	2.5 3.1 2.6
Non-residential Farm properties	12.5 3.0	24.2 7.9	35.9 15.0	34.3 11.2	62.4 9.9	77.3 10.5	99.4 9.0	145.4 9.8	22.2	82.0 4.9	4.1	3.3	5.1

<sup>-</sup> Represents zero. 1 Includes life insurance companies and other lenders not shown separately.

Source: U.S. Dept. of Housing and Urban Development, Survey of Mortgage Landing Activity, 1970-1979, and monthly and quarterly press releases based on the Survey of Mortgage Landing Activity.

### No. 1233. CHARACTERISTICS OF CONVENTIONAL FIRST MORTGAGE LOANS FOR PURCHASE OF SINGLE-FAMILY HOMES: 1970 TO 1986

[Annual averages, except as indicated. Refers to loans originated directly (rather than through correspondents) by savings and toen associations, mortgage companies, commercial banks, or mutual savings banks]

LOAN CHARACTERISTIC	Unit	1970	1975	1976	1977	1978	1979	1980	1961	1982	1983	1984	1985	1986
NEW HOMES							15			-	-		10	
Contract interest rate	Percent Years Percent \$1,000	8.3 1.03 25.1 71.7 35.5	8.8 1.53 27.0 76.2 44.7	8.8 1.42 27.3 75.7 49.1	8.8 1.32 27.9 76.3 54.4	9.3 1.39 28.0 75.2 62.8	10.5 1.66 28.5 73.8 74.4	12.3 2.09 28.1 73.2 83.2	14.1 2.66 27.7 74.8 90.3	14.5 2.96 27.5 76.6 94.1	12.1 2.39 26.7 77.3 93.9	11.9 2.66 27.8 78.6 96.8	11.1 2.52 27.0 77.1 105.0	9.7 2.50 26.8 75.3 119.8
Contract interest rate	Percent Years Percent \$1,000	8.2 .92 22.8 71.1 30.0	9,0 1,16 24,2 73,5 39,2	8,9 1,14 24,6 73,8 42,0	8.8 1.17 25.8 75.1 47.6	9.4 1.26 26.4 75.0 54.5	10.6 1.44 27.1 74.0 64.8	12.5 1.91 26.9 73.5 68.3	14.5 2.27 25.9 72.9 68.5	14.8 2.55 24.9 71.9 70.7	12.3 2.40 25.9 74.3 79.3	12.0 2.54 26.5 76.8 82.2	11.2 2.50 25.5 75.7 92.7	9.8 2.13 25.4 73.9 108.5

<sup>1</sup> Rate applies to any general or specific charges paid by borrower or seller, in order to obtain a loan, except those for mortgage, credit, life, or property insurance; for property transfer; and for title search and insurance.

Source: U.S. Federal Home Loan Bank Board, Savings and Home Financing Source Book, annual, and monthly name releases.

### 1234. LOW-INCOME PUBLIC HOUSING UNITS, BY PROGRESS STAGE: 1960 TO 1986

As of Dec. 31. Housing for the elderly intended for persons 62 years old or over, disabled, or handicapped to Rico and Virgin Islands. Covers units subsidized by HUD under annual contributions contracts. See also isfac, *Colorad Times to 1970*, series N 186-1913

	Total	Occu- pied units 1	Under con- struction	Other <sup>3</sup>	YEAR	Total	Occu- pied units 1	Under con- struction	Other <sup>2</sup>
1	503.3 18.9 ,155.3 249.4 ,316.7 336.3 ,321.1 358.3 ,404.0 385.4	478.2 1.1 803.5 143.4 1,180.4 288.3 1,196.6 317.7 1,329.3 327.7	26.4 4.1 126.8 65.7 52.9 24.3 20.9 11.5 51.5 21.8	78.8 13.7 135.0 40.3 83.4 23.7 104.6 29.1 123.2 35.9	1982	392.0 1,483.3 410.0 1,368.7 373.0 1,378.0 373.5	1,231.4 328.4 1,262.5 338.4 1,312.9 351.4 1,344.6 361.1 1,361.6 359.6	96.7 27.7 86.7 35.7 24.0 9.4 9.6 2.1 1.5 3.6	134.1 35.9 134.1 35.9 31.8 12.2 19.5 10.3 38.7 5.6

gement or available for occupancy. 

<sup>2</sup> To be constructed or to go directly "under management" because no sided.

Sept. of Housing and Urban Development, unpublished data.

#### No. 1235, RESIDENTIAL LOANS UNDERWRITTEN BY FHA: 1970 TO 1986

dollars. Figures are gross amount of insurance written; do not take account of principal repayments on previously insured loans. See also Historical Statistics, Colonial Times to 1970, series N 291-297]

LOAN	1970	1975	1979	1979	1900	1961	1962	1963	1984	1985	1986
d loanss: New propertiesrtles	2,687 5,447 3,251	7,941 1,148 5,017 976 799	1,881	3,409 14,756	22,301 4,071 12,387 4,197 1,646	14,976 3,177 7,102 3,024 1,674	2,444	4,209 22,363	3,704	28,378 3,999 19,965 3,219 1,195	7,129 49,772 3,708

y secured by mortgages. Includes mobile home loans.

Dept. of Housing and Urban Development, 1970-1979, HUD Statistical Yearbook; thereafter, unpublished data.

# OFFICE BUILDINGS—VACANCY RATES, 1980 TO 1987, AND STATUS OF SUPPLY, 1987, BY MAJOR CITY

mber; except 1967, as of June. Excludes government owned and occupied, owner-occupied, and medical office buildings]

	-	ACANC	Y RATE	FOR EX	ISTING S	SPACE (	percent		SUP	(mil. sq		7
CITY									Existi		Space	
	1980	1961 1962 1963 1984 1985 198	1986	1987	Total	Avail- able for lease	Total	Avail- able for lease				
***************************************	4.6	5.4	11.0	13.5	15.5	16.9	18.6	19.3	1,667.4	321.3	117.1	83.6
***********************	10.0	13.6	16.8	13.7	14.5	21.0	20.1	21.3	67.8	14.4	6.1	4.6
***************************************	7.2	3.2	5.9	6.4	11.9	11.5	15.9	19.4	22.5	4.4	2.7	1.6
****	3.8	4.7	7.8	4.4	8.9	13.1	13.0	12.9	92.6	11.9	7.0	5.6
***************************************	(NA)	(NA)	(NA)	(NA)	16.7	16.7	15.5	15.1	14.2	2.1	1.7	.9
	7.0	6.4	6.9	12.6	14.8	16.5	19.6	18.2	165.2	30.0	13.3	9.7
	9.7	(NA)	6.7	17.1	14.7	18.1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
***************************************	8.6	8.4	18.6	21.5	18.7	23.0	30.9	30.1	112.7	34.0	6.0	2.6
***************************************	6.6	4.1	22.6	24.1	20.6	24.7	25.1	25.3	66.0	16.7	1.1	.9
***************************************	(NA)	(NA)	(NA)	(NA)	24.1	22.5	24.7	26.2	20.0	5.2	1.8	.5
*****	6.7	7.8	7.3	18.5	17.4	15.3	12.9	12.1	17.7	2.1	1.9	1.5
******************************	4.0	7.6	20.3	26.9	25.0	27.6	30.6	32.0	148.3	47.5	.5	.3
)	4.2	6.7	12.4	15.7	18.6	16.2	18.2	20.0	28.8	5.8	1.6	.6
A	.9	5.5	12.3	14.0	20.4	15.3	13.2	14.8	151.2	22.4	13.8	11.7
	2.4	5.0	6.3	14.0	18.2	20.9	25.2	27.0	27.2	7.3	7	.3
A	(NA)	3.7	7.4	19.0	22.4	21.8	25.5	24.8	22.7	5.6	-4	.4
**************************************	3.1	3.6	4.9	5.0	6.8	7.9	8.9	11.3	217.0	24.5	9.2	5.9
**************************************	6.3	5.7	12.8	9.6	9.0	14.5	15.5	16.5	51.8	8.5	5.7	3.7
***************************************	1.2	2.8	7.1	7.8	14.2	(NA)	12.0	15.0	34.8	5.2	2.7	1.6
Ministration Library	(NA)	(NA)	25.3	22.9	21.8	24.7	25.4	24.4	26.2	6.4	1.9	1.4
CA	100	4.2	7.3	11.3	9.0	13.7	16.6	14.5	49.9	7.2	3.1	2.3
	(NA)	(NA)	(NA)	(NA)	18.9	15.6	21.4	27.3	28.5	7.8	2.5	2.0
mental de la companya	(NA)	(NA)	(NA)	(NA)	23.9	23.9	24.1	22.0	23.8	5.2	2.0	1.2
	2.5	1.7	6.3	7.2	9.6	9.0	13.6	13.8	125.3	17.2	18.1	14.9
Y	(NA)	(NA)	(NA)	(NA)	23.2	23.7	22.7	22.0	24.0	5.3	.5	.5

Rable. Includes other cities not shown separately. In 1967, 32 cities were covered.

Refers to Menhattan.

Office Network\*, Houston, TX, 1980–1985, National Office Market Report, semi-annual; thereafter, International laport, semi-annual. (Copyright.)

# No. 1237. COMMERCIAL BUILDINGS—SELECTED CHARACTERISTICS, BY SQUARE FOOTAGE OF FLOORSPACE: 1983

[Excludes Alasks and Hewell. Building type based on predominent activity in which the occupants were engaged. Excludes industrial buildings. Based on a sample survey building representatives conducted between Merch and August 1963; therefore, subject to sampling variability. For data on energy consumption and expenditures in commercial buildings, see tables 916 and 917. For composition of regions, see fig. I, inside front cover)

	Num-				FLOORSP (mil. sq.				Aver-	Mede sq. R
CHARACTERISTIC	ber of		W	thin all bu	ildings h	wing aqui	are footage	ol	ft per	Der
	ings (1,000)	Total	5,000 or less	5,001 to 10,000	10,001 to 25,000	25,001 to 50,000	50,001 to 100,000	100,001 and over	ing (1,000)	1000 (1,000
All buildings	3,948	52,325	4,906	5,246	8,912	7,002	7,100	18,300	13.3	4
egion:										
Northeast	670	11,615	784	939	1,960	1,915	1,754	4,264	17.3	5.
Midwest	1,211	16,059	1,526	1,865	2,616	2,334	2,146	5,750	13.3	4.
South	1,493	17,049	1,971	1,885	2,923	2,176	2,199	6,094	11.4	1 2
West	574	7,802	627	937	1,412	1,267	1,088	(8)	13.2	4
ser constructed:			li .						ł	
1980 to 1983	140	5,675	127	163	523	479	794	3.500	40.5	
1974 to 1979	530	6,616	688	636	1,298	1,029	848	2,118	12.5	4
1971 to 1973	209	3,442	249	320	496	654	556	1,108	16.4	6
1961 to 1970	721	9,947	961	980	1,417	1,371	1,533	3,885	13.8	3
1946 to 1980	946	6.612	1,187	1,279	1,699	984	1,265	3,219	10.2	1
1921 to 1945	726	8.630	885	200	1.663	1.688	949	2.566	11.9	i
1901 to 1920		5.453	514	800	1,049	1.010	942	1.337	14.1	1 5
1900 or before	288	2,940	496	440	767	530	281	(a)	10.2	1
leadered moth the within healthflow.			i		l		İ		İ	i .
incipal activity within building: Assembly	457	5.453	485	901	1.390	912	621	۱ 🚓	12.0	
Educational		8.044	113	162	580	1.322	1.619	2,248	34.2	1 12
Food seles/service	360	2.051	636	343	556	200	179		5.4	'2
Health care	61	2.277	80		(8)		(8)	1,761	37.6	1 4
i odajna	106	2.241	96	(8) 166	310	496	316	688	21.1	li
Lodging Mercantile/services	1,071	10,427	1,433	1,562	2,013	1,088	1,088	(4)	9.7	Ī
Office	575	8.454	749	803	1,236	976	933	3,757	14.7	۱ ،
Residential	236	2,454	325	265	746	432			10.4	1
Warehouse	425	8.791	448	448	1,202	1.203	1,196	2,293	16.0	1 7
Other	179	2.760	176	186	405	350	214	1.429	15.4	li
Vacant	281	3,342	388	314	410	582	614	1,054	11.9	Š
umber of establishments in build-		}	1		l	1				ŀ
ing:	l	l	N .	ı		ł	l		1	ŀ
None	142	1.475	218	(8)	137	187	342	300	10.4	1
Single establishment	3.180	36.227	4.077	3,870	6.563	5.710	5.031	9.975	11.1	i
Multi-establishment	645	15,623	613	1,202	2,212	1,795	1,794	8,007	24.2	7.
overnment occupency:		ł	N	1		l				
Government occupied	346	10,000	327	378	959	1,356	1.561	5.529	29.2	7.
Not Government occupied	3,802	42,225	4,580	4,866	7,963	6,336	5,616	12,871	11.7	3
•		` "				1				
rels used alone or in combination:						7 40-		40.00-		
Electricity		51,359	4,701	5,079	8,610	7,491	6,973	18,305	13.6	4
Natural gas	2,314	37,000	2,732	3,522	8,061	5,484	4,980	14,342	16.0	5.
Fuel oil		13,313	743	688	1,656	1,425	1,500	7,003	21.0	<u> </u>
Propene	260	3,007 4,594	980	265	515	326	209	1,290	11.6	3.
Purchased steam	80 245	3,997	345	(8) 280	236	448	645 535	3,173	76.2	2
Other	240	3,997	345	2000	407	337	1 535	2,024	16.3	3.

S Figure does not meet publication standards.

Source: U.S. Energy Information Administration, Characteristics of Commercial Buildings, 1983.

### COMMERCIAL BUILDINGS AND WORKERS-SELECTED BUILDING CHARACTERISTICS, BY FLOORSPACE: 1983

[See headnote, table 1237]

			NUMBER	OF BUILD	NNGS (1,0	(00)			WORKERS	
	100	-		Square	footage o	1-			Aver-	Median
ARACTERISTICS	Total	5,000 or less	5,001 to 10,000	10,001 to 25,000	25,001 to 50,000	50,001 to 100,000	100,001 and over	Num- ber (1,000)	age sq. ft. per worker	sq. ft. per worker
	3,948	2,248	725	567	222	107	79	77,673	674	714
	670	306	131	130	58	27	18	16,633	698	849
	1,211	688	234	163	68	31	27	22,659	709	731
	1,493	955	236	185	60	32	24	26,347	647	677
***************************************	574	299	124	89	37	17	9	12,034	632	604
within building:			100		120	30		13.03	1 - 2	100
***************************************	457	209	122	86	27	9	4	5,998	914	1,087
***************************************	177	45	24	33	37	24	14	6,131	986	971
vice	380	287	49	35	6	3	(S)	5,670	362	380
	61	31	(s)	(8)	(s)	(S)	7	5,512	413	397
	106	42	23	19	14	5	3	2,373	944	1,176
rices	1,071	666	217	131	30	17	10	13,914	749	735
	575	326	109	81	27	14	15	26,174	323	364
	236	131	37	48	13	(\$)	(S)	1,371	1,790	1,295
	425	221	64	75	36	18	- 11	5,386	1,261	1,253
***************************************	179	111	24	25	10	3	5	3,624	762	604
	281	177	43	29	17	9	5	1,520	2,199	(x)
ipancy:	1000	1 5.2		1	11 11 11 11			F-85-51	1000	1.00
cupied	346	153	51	61	39	23	19	17,149	589	544
nt occupied	3,602	2,095	674	507	183	84	59	60,524	698	731

s not meet publication standards. X Not applicable.

nergy Information Administration, Characteristics of Commercial Buildings, 1983.

COMMERCIAL BUILDINGS-NUMBER AND SQUARE FOOTAGE OF FLOORSPACE, BY TYPE OF **BUILDING AND CHARACTERISTIC: 1983** 

PACTERISTICS	All build- ings	As- sembly	Educa- tional	Food sales/ service	Health care	Lodg- ing	Mer- cantile/ serv- ices	Office	Resi- dential	Ware- house	Other <sup>1</sup>
t (1,000)	3,948	457	177	300	61	106	1,071	575	236	425	460
	670 1,211 1,493 574	61 149 202 45	28 39 79 31	58 120 145 57	11 21 20 (s)	13 12 57 24	183 363 383 151	97 176 191 112	97 78 44 16	57 131 170 66	66 130 201 63
	288 388 726 946 721 209 530 140	51 66 89 102 87 19 50	(8) 11 24 58 45 6 20	24 43 55 78 76 23 70	(s) (s) 8 19 10 (s) 12	(8) (8) 15 35 27 12 7	71 95 194 311 187 52 139	35 41 107 97 121 45 100 28	54 45 89 38 (8) (8) (8)	20 41 80 96 81 22 85	(8) (8) 104 110 72 (8) 57
apency: scuplednt occupied	346	46 411	57 120	(8) 372	13 47	(S) 101	32 1,039	79 496	(8) 233	20 405	63 376
E (mil. sq. ft.)	52,325	5,483	6,044	2,061	2,277	2,241	10,427	8,454	2,454	6,791	6,102
	11,615 16,059 17,049 7,602	1,053 1,755 1,835 (8)	1,374 1,834 2,082 754	392 724 616 320	502 1,015 587 193	422 669 803 346	2,040 3,219 3,843 1,325	1,774 2,178 2,903 1,599	1,336 717 290 103	1,224 2,130 2,268 1,149	1,498 1,818 1,813 973
	2,940 5,453 8,639 9,612 9,947 3,442 6,616 5,675	373 791 799 1,142 896 318 654 (8)	(8) 435 1,084 1,823 1,494 357 674 274	129 249 208 366 390 163 376 171	(8) (8) 215 751 346 (8) 506 130	(8) (8) 523 301 847 255 213 164	488 882 1,345 2,120 1,979 736 1,486 (a)	429 715 1,336 966 1,773 625 1,370 1,168	809 517 721 278 (8) (8) (8)	315 915 1,096 1,348 1,496 363 797 562	263 394 1,263 716 832 (8) 509 1,255
upency: coupled nt occupied	10,099 42,225	851 4,831	2,625 3,419	(a) 1,913	552 1,725	258 1,983	(a) 8,869	2,197 6,257	2,400	373 6,418	1,882 4,420

a not meet publication standards. 

1 Includes vacant commercial buildings.

nergy Information Administration, Characteristics of Commercial Buildings, 1983.

Figure 27.1 Manufactures-Summary: 1972 to 1985

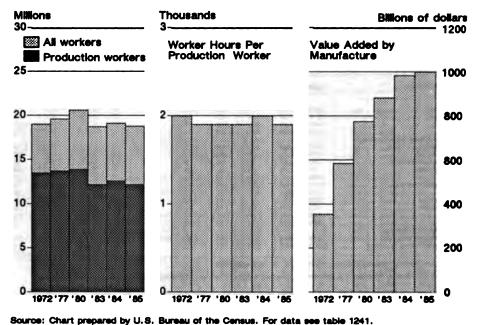
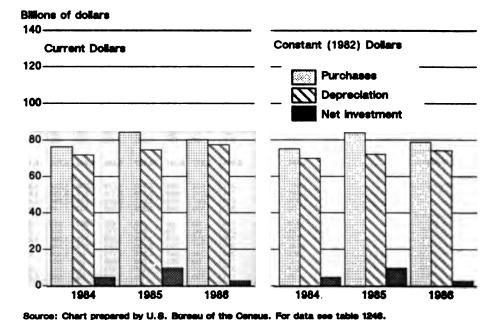


Figure 27.2

Capital in Manufacturing Establishments: 1984 to 1986





## Section 27

# **Manufactures**

s section presents summary data for manufacturing as a whole and more detailed information ajor industry groups and selected specific products. The types of measures shown at the diffusivels include data for establishments; employment and wages; raw materials, fuels, and folly consumed; plant and equipment expenditures; value and quantity of production and ships; value added by manufacture; inventories; and various indicators of financial status.

principal sources of these data are Bureau of the Census reports of the censuses of manures conducted every five years; the *Annual Survey of Manufactures*; and the *Current Industrial*rits series, which presents monthly, quarterly, or annual data on production, shipments, and
a for particular commodities. Indexes of industrial production are presented monthly in the
ral Reserve Board's Federal Reserve Bulletin. Reports on current activities of industries, or
nt movements of individual commodities, are compiled by such government agencies as the
nu of Labor Statistics; the Economic Research Service of the Department of Agriculture; the
setional Trade Administration; and by private research or trade associations such as The Conpe Board, Inc., New York, and the American Iron and Steel Institute, Washington, DC.

a on financial aspects of manufacturing industries are collected by the Bureau of Economic sis (BEA) and the Bureau of the Census. Industry aggregates in the form of balance sheets, and loss statements, analyses of sales and expenses, lists of subsidiaries, and types and nts of security issues are published for leading manufacturing corporations registered with the The BEA issues data on capital in manufacturing industries and capacity utilization rates in facturing. See also section 17, Business Enterprise, in this edition.

seuses and annual surveys.—The first census of manufactures covered the year 1809. Be1809 and 1963, a census was conducted at periodic intervals. Since 1967 it has been taken
5 years (for years ending in "2" and "7"). Census data, either direct reports or estimates
diministrative records, are obtained for every manufacturing plant with one employee or more.
Annual Survey of Manufactures, conducted for the first time in 1949, collects data for the
between censuses for the more general measures of manufacturing activity covered in detail
censuses. The annual survey data are estimates derived from a scientifically selected
of establishments. The most recent, 1985, annual survey is based on a sample of about
establishments of an approximate total of 350,000. It comprises all large plants, which aclor approximately two-thirds of total U.S. manufacturing employment, and a representative
on of the more numerous small plants. Government-owned and -operated establishments are
id.

basic statistical measures of manufacturing activity, such as employment, payrolls, value etc., are defined in essentially the same way for both the annual surveys and the census of ctures. However, the bases for computing average employment vary for different years. For 9, beginning with 1949, average employment was calculated from the figures reported for periods ending nearest the 15th of March, May, August, and November, whereas for 1947 erages were based on 12 monthly employment figures. In 1967, the average employment ion was revised to the pay periods which include the 12th of March, May, August, and Noto provide data more comparable with other statistical series.

Illehments and classification.—The censuses of manufactures for 1947 through 1982 perating manufacturing establishments as defined in the Standard Industrial Classification (SIC), issued by the U.S. Office of Management and Budget (see text, section 13). The is also used for classifying establishments in the annual surveys. The comparised sa presented lanual, it is important to note therefore, that the 1972 edition of the Manual was used for 2 census; and the 1972 edition of the Manual and the 1977 Supplement was used for the 1982 censuses while the 1967 Manual was used for the 1987 census. For the censuses 17 to 1963, reports were required from all establishments employing one or more persons

at any time during the census year. Beginning with the 1967 census, an effort was made to relieve the vary small establishments from the necessity of filing a census report. Approximately 130,000 small single-unit manufacturing firms identified as having less than 20 employees (cutoff varied by industry) benefited from this procedure. Data for these single unit companies were estimated on the basis of government administrative records and industry averages. Each of the establishments tabulated was classified in one of the approximately 450 manufacturing industries as defined by the SIC Manual in 1972, 1977, and 1982. The Manual defines an industry as a number of establishments producing a single product or a closely related group of products. In the main, an establishment is classified in a particular industry if its production of a product or product group exceeds in value added its production of any other product group. While some establishments produce only the products of the industry in which they are classified, few within an industry specialize to that extent. The statistics on employment, payrolls, value added, inventories, and expenditures; therefore, reflect both the primary and secondary activities of the establishments in that industry. For this reason care should be exercised in relating such statistics to the total shipments figures of products primary to the industry.

The censuses for 1947 through 1982 were conducted on an establishment basis. The term "establishment" signifies a single physical plant site or factory. It is not necessarily identical with the business unit or company, which may consist of one or more establishments. A company operating establishments at more than one location is required to submit a separate report for each location. An establishment engaged in distinctly different lines of activity and maintaining separate payroll and inventory records is also required to submit separate reports.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross- references, where applicable, to Historical Statistics of the United States, Colonial Times to 1970. See Appendix IV.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986*. For cross-references, see Appendix V.

No. 1240. GROSS NATIONAL PRODUCT IN MANUFACTURING IN CURRENT AND CONSTANT (1962)
DOLLARS: 1970 TO 1986

[In billions of dollars, except percent. For definition of gross national product, see text, section 14. Based on 1972 Standard Industrial Classification]

ITEM	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
Current dollars, total	252	357	562	581	643	635	683	772	799	824
Percent of gross national product	25	22	22	21	21	20	20	20	20	15
Durable goods 1	146	206	345	352	386	363	386	451	470	479
Fabricated metal products	18	27	45	46	50	46	48	55	57	57
Machinery, except electrical	28	42	71	77	86	80	75	85	88	86
Electric and electronic equipment	28 22	28	49	55	61	62	68	80	87	88
Motor vehicles and equipment	16	20	36	27	32	30	39	50	51	50
Nondurable goods 1	106	151	217	229	257	272	298	321	329	346
Food and kindred products	27	39	48	52	58	61	65	67	70	71
Paper and allied products		14	22	23	25	27	28	32	33	35
Printing and publishing	13	19	29	32	35	38	42	48	52	54
Chemicals and allied products	19	30	44	46	53	55	60	62	61	64
Constant dollars, total	507	548	697	665	676	635	676	758	790	812
Durable goods 1	305	325	424	402	405	363	390	467	501	518
Fabricated metal products	44	42	55	53	52	46	49	56	56	55
Machinery, except electrical	57	64	84	85	89	80	87	115	138	151
Electric and electronic equipment	34	38	60	63	64	62	66	77	84	85
Motor vehicles and equipment	27	34	48	34	34	30	39	48	48	45
Nondurable goods 1	202	222	274	264	271	272	285	291	289	294
Food and kindred products	44	48	55	57	58	61	62	61	63	63
Paper and allied products	19	20	27	25	25	27	29	30	31	31
Printing and publishing	30	32	38	37	38	38	40	41	43	42
Chemicals and allied products	34	39	55	50	54	55	60	60	56	50

<sup>&</sup>lt;sup>1</sup> Includes industries not shown separately.

Source: U.S. Burseu of Economic Analysis, The National Income and Product Accounts of the United States, 1829-82, and Survey of Current Business, July 1967 Issue.

No. 1241. MANUFACTURES-SUMMARY: 1983 TO 1965

int coverage, see text, section 27. Data based on Census of Manufactures, except as noted. For composition of ns, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series P 1–12]

EM	Unit	1963	1967	1972	1977	1980 1	1981 1	1982	1983	1984	1985
LISHMENTS					101	11	1.71				
atabilation sate 1	4 000		444				40.14		40.00	- Bulk	2.11
stablishments 3	1,000	312 102	311	321	360 119	(NA)	(NA)	358	(NA)	(NA)	(NA)
more employees	1,000	102	110	114	119	(NA)	(NA)	123	(NA)	(NA)	(NA)
	1000					100	1000	7.0			1.3
SS:	1000	1.3	Town or other	1000	0.00			100	1000	Acres 1	
	1,000	305	306	313	351	(NA)	(NA)	348	(NA)	(NA)	(NA)
********************	1,000	207	199	203	237	(NA)	(NA)	230	(NA)	(NA)	(NA)
	1,000	70	74	76	78	(NA)	(NA)	84	(NA)	(NA)	(NA)
	1,000	18	20	21	22	(NA)	(NA)	21	(NA)	(NA)	(NA)
***************************************	1,000	10	11	11	12	(NA)	(NA)	11	(NA)	(NA)	(NA)
er	1,000	3	3	3	2	(NA)	(NA)	2	(NA)	(NA)	(NA)
on	1,000	1 3	9	9	-	freed	(100)	-	(und)	fund	(ren)
on:											
ion:	4 000	470.0	4000	200 0	2010	fresh	dura v	0000	Sec.		40.00
	1,000	176.2	153.9	233.2	284.2	(NA)	(NA)	283.2	(NA)	(NA)	(NA)
otal 4	1,000	130.4	33.2	87.5	75.7	(NA)	(NA)	74.0	(NA)	(NA)	(NA)
prietorship	1,000	99.2	24.9	87.5 42.5	52.3	(NA)	(NA)	45.6	(NA)	(NA)	(NA)
	1,000	27.7	6.7	17.7	18.3	(NA)	(NA)	15.0	(NA)	(NA)	(NA)
	0	1		100	100	11000		15	1000	1 50.0	12.5
	5 5					199	-			1	
	Percent	29.8	29.1	26.3	23.7	24.2	(NA)	23.7	(NA)	(NA)	(NA)
	Percent	35.4	35.0	34.9	34.4	31.1	(NA)	29.8	(NA)	(NA)	(NA)
	Percent	21.5	22.7	25.5	34.4 27.4	28.5		29.5	(NA)		
	Percent	12.0	120	20.0	27.4		(NA)	17.0	(NA)	(NA)	(NA)
	Percent	13.3	13.0	13,4	14.5	16.2	(NA)	17.0	(NA)	(NA)	(NA)
and a state of		1					355	1	15.5	1	1000
annual average 1.	Million	17.0	19.3	19.0	19.6	20.6	20.3	19.1	18.7	19.1	18.8
oyees	Bil. dol	100	132	174	264	350	379	380	395	429	443
loyee	\$1,000	5.9	6.8	9.2	13.5	17.0	18.7	19.9	21.1	24.0	23.6
	2.11-2-1111111				.0.0	10.00			-		
s, annual average	Million	12.2	14.0	13.5	13.7	13.9	13.5	12.4	12.2	12.6	12.2
mployees	Percent	71.8	72.2	71.1	69.9	67.3	66.8			70.4	
ilpioyees	Billion	71.0	07.0		6.80	07.3		64.9	65.2		64.9
workers		24.5	27.8	26.7	26.7	26.7	26.2	23.5	23.6	24.6	23.7
37	1,000	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	2.0	1.9
	4.00	1 33	3.3	1000	1000		100	- 15	1		
workers	Bil. dol	62	81	106	157	198	212	205	212	232	236
olf for all		1	1	1	1	100	1 1 m	1	16.4	13,000	127.7
	Percent	62.0	61.6	60.6	59.5	56.6	56.0	53.9	53.8	54.1	53.0
(er	\$1,000	5.1	5.8	7.8	11.5	14.3	15.7	16.5	17.4	18.4	19.3
er hour	Dollar	2.53	2.92	3.95	5,89	7.41	8.09	8.70	8.99	9.41	9.92
or those minimum	DOME DIMINI	2.00	E.0E	5.50	0,00	1.71	0.00	0.70	0.00	0.41	9.02
manufacture 7	Bil. dol	192	262	354	585	774	838	824	882	984	999
						77.					
worker	\$1,000	15.7	18.8	26.2	42.7	55.7	61.8	66.5	72.4	78.2	81.9
worker hour	Dollar	7.83	9.41	13.26	21.93	28.98	31.98	35.01	37,38	39.92	42.10
rkers' wages	Dollar	2.90	3.22	3.36	3.72	3.91	3.95	4.02	4.16	4.24	4.25
	122 A TOTAL	100	100	1	1100	1000	0.75	3.35	4.4	1	
*******************	Bil. dol	230	299	407	782	1,094	1,194	1,130	1,170	1,288	1,276
s •	Bil. dol	421	557	757	1,359	1,853	2,018	1,960	2,055	2,254	2.279
worker	\$1,000	34.4	39.9	55.9	99.2	133.3	149.0	158.1	168.6	179.1	186.8
	Bil. dol	60	84	108	188	262	279	307	308	330	322
lories											
es, new 9	Bil. dol	11.4	21.5	24.1	47.5	70.1	78.6	75.0	61.9	75.3	83.3
	1			10.77							
			130	12.2	1000	10.2		17.13			
shipments	Ratio	45.6	47.0	46.7	42.9	41.8	41.5	42.0	42.9	43.7	43.8
hipments	Ratio	14.2	15.0	14.2	13.8	14.1	13.8	15.7	15.0	14.6	14.1
added	Ratio	52.0	50.3	49.1	45.2	45.3	45.2	46.1	44.8	43.6	44.3
e of depreciable		-				-	100	1	1.419		
or outproduction	Bil. dol	158	218	301	439	574	630	692	731	772	821
equipment	Bil. dol		157	218	328	434	479	527	559	592	632
	\$1,000	(NA) 9.3						36.2	39.1		43.7
/00	\$1,000	9.3	11.3	16.4	22.4	27.8	31.1	30.2	39.1	40.4	43.7
						11 700 11					1
COMPANIES											
	cost .	12.4		1000	1000	0.00	12.5	2.5	100	1000	1000
	1,000	45.9	51.7	70.2 14.3	81.2 15.0	(NA)	(NA)	81.7	(NA)	(NA)	(NA)
	Million	11.0	13.3	14.3	15.0	(NA)	(NA)	14.3	(NA)	(NA)	(NA)
ers	Million	8.1	9.8	9.8	10.1	(NA)	(NA)	8.8	(NA)	(NA)	(NA)
905	Bil. dol	68.2	93.8	138.8	214.2	(NA)	(NA)	307.5	(NA)	(NA)	(NA)
on workers	Bil. dol	44.7	60.9	81.9	124.9	(NA)	(NA)	159.1	(NA)	(NA)	(NA)
anufacture	Bil. dol	146.6	206.4	286.1	485.0	Cherry				1	(NA)
	Bil. dol	8.9				(NA) (NA)	(NA)	678.4	(NA)	(NA)	(NA)
es, new	Bil. dol	8.9	18.6	20.0	41.0	(NA)	(NA)	65.2	(NA)	(NA)	(NA)
12 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			1.00			2.5	100	1	(2.45)	15.00	1000
COMPANIES 10			1								
			100			Mary 1					
	1,000	260.8	254.0	250.5	278.7	(NA)	(NA)	276.3	(NA)	(NA)	(NA)
	Million	5.2	5.2	4.8	4.6	(NA)	(NA)	4.8	(NA)	(NA)	(NA)
665	Bil. dol	25.1	28.5	35.4	49.8	(NA)	(NA)	72.1	(NA)	(NA)	(NA)
WWW street-personages-p-street		20.1			100.1	(NA)	(NA)	145.7		(red)	(mm)
anufacture	Bil. dol	45.5	55.5	67.9					(NA)	(NA)	(NA)

ble. <sup>1</sup> Estimated data based on *Annual Survey of Manufactures*; see text, section 27. <sup>8</sup> Includes laudilary units, except as noted. <sup>8</sup> Excludes administrative offices and suciliary units. <sup>4</sup> Includes forms of hown separately. <sup>9</sup> Includes data for employees of manufacturing establishments engaged in distribution and . <sup>9</sup> Data are based on pay periods ending nearest 15th of March, May, August, and November. <sup>9</sup> Adjusted s into account (a) value added by merchandising operations (that is, difference between the sales value and cost old without further manufacture, processing, or assembly), plus (b) net change in finished goods and work-in-se between beginning and and of year. <sup>9</sup> Includes extensive and unmeasurable duplication from shipments intents in the same industry clearification. <sup>9</sup> Includes plants under construction and not yet in operation. 67, Includes data obtained from Federal administrative records.

ureau of the Census, Census of Manufactures, 1963, 1967, 1972, 1977, and 1982; and Annual Survey of

NO. 1242. MANUFACTURES-SUMMARY BY INDUSTRY GROUP: 1977 TO 1985

Deta b	Data based on various editions of the Standard	andard Industrial Cli	Cleaseffice	ion Menu	n', published by	D the O	Moe of Me se P-58-6	magement 17]	and Budget	the Office of Management and Budget; see text, section 27. See also Historical Statistics, Colonial Times to 1970, settles P-56-67]	ection 27. t	See also M	Intorical Si	testestics, Co.	and Time	e to 1970,
			2	1877				1962					-	1965		
28		Estab	All emp	employees	Value bebbe	E SE	W eut	employees	este V bebbe	Value of	Ne employee	Acyese	Production workers	uction	Value	Value of
8	MOUSTRY GROUP		Num. (1,000)	\$ 5 E S	facture (mil.		Num- ber 1 (1,000)	Payroll (mil. dol.)	fac- fac- fure- (mit. dol.)	artip ments (mil. dol.)	Num. ber 1 (1,000)	Payo G. Tale (J.)	7 (000)	W (July and Co.)	ment the (mit dot)	ments (mil. dol.)
8	All menufacturing establish- ments, inc. central admin- tetrative offices.	629'062	16,560	284,013	666,180	368,061	19,084	728,978	824,118	1,980,208	16,791	442,986	12,171	226,722	980'986	2,578,132
<b>8</b> 8888	Pood and kindred products. Meet products. Dary products are vegetables. Grain mill products.		300 236 236 236 215	18,544 3,702 1,839 2,336 1,576	5,476 7,476 7,086 7,086 6,26	22,130 3,623 2,724 2,063 2,745	225 025 045 055 055	26.000 2,903 3,315 2,197	11,002 11,002 12,363 10,333	200,620 67,602 36,771 20,674 31,366	<u>1</u> 88 2 2 8	# 4.9.8.9. 7.88.9.8.9. 7.87.8.9.9.9.9.9.9.9.9.9.9.9.9.9.9.9.9.9	<b>2</b> 88888	17,428 3,705 1,505 2,785 1,572	104,146 12,969 9,629 14,905	901,962 67,138 36,022 34,044
	Balany products Sugar and confectionary products Fair and oth Beverage Mac. foods and infered products	3,386 1,198 3,104 4,412	252453	864. 864. 186. 186. 186.	7.07 2.4.1. 308.3 2.00.3 3.00.3 3.00.3	2.5.7.24 2.5.64 2.5.64	58822	186. 177. 198. 198. 198. 198.	036.01 257.2 267.2 16.00 710.01	17,808 15,576 16,752 36,801 23,969	82283	4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.	<b>5682</b> 0	2,290 1,323 461 2,166 1,532	12,906 7,306 10,283 11,283	20,834 17,067 17,506 18,244 25,613
######################################	Tobacco products Cgardse Cgardse Cheeking and smoking tobacco Tobacco stemming and redrying	<b>2</b> 2.088	28eu:	<b>28888</b>	285 5 2 28 8 5 2	\$2888	<b>စီ</b> အီကလ စာ	<u> </u>	2.0.0 2.0.0 2.0.0 2.0.0 2.0.0 2.0.0 3.0 3	3,015 3,015	\$84mr	<b>3</b> 5 8 8 7	<b>8</b> 2000	28868	12.01 13.01 13.01 13.01 13.01	2,29,24,20,20,24,20,24,20,24,20,24,20,24,20,24,20,24,20,24,20,24,20,24,20,20,24,20,20,24,20,24,20,24,20,24,20,24,20,24,20,24,20,24,20,24,20,24,20,20,24,20,20,24,20,24,20,24,20,24,20,24,20,24,20,24,20,24,20,24,20,24,20,20,24,20,20,24,20,24,20,24,20,24,20,24,20,24,20,24,20,24,20,24,20,24,20,20,24,20,20,20,20,20,20,20,20,20,20,20,20,20,
ងខ្លួននេះ	Testile mill products. Weaving mills, cotton. Weaving mills, marmade fiber. Weaving finishing mills, wool. Neavon storic mile.	<b>24</b> 24 25 28 28 28 28 28 28 28 28 28 28 28 28 28	51 151 151 151	7.047. 7.047. 7.07. 7.07.	\$2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3	38858	<b>5</b> 5255	200 - 200 -	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	47,516 3,972 9,191 763 862	<b>2</b> 85527	<b>2</b> 2822	<b>8</b> 88===	<b>5</b> 55.25	# - 6. \$5.73.48 \$7.53.88	2.4.4.6.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.
RRARR	Kriting mile. Testile freshing, except wool. Foor covering mile. Yam and bread mile. Mile., tendle goods.	2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2	85828	<u>-</u> 258 <u>-</u> 26	2.5.5.0 2.5.5.0 2.5.5.0 2.5.5.0 2.5.5.0 2.5.5.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	25.25 25.25 25.7 25.7 25.7	នឹនវនិន	726.2 200 27.2 27.2 27.2 27.2 27.2	2,17,2 2,3,48 2,00,5 8,00,5	0.4.8.7.4. 0.6.8.8.4. 0.6.8.8.4.	និង៩ទិង	888. 78. 78. 78. 78. 78.	<u>8</u> 3822	<u>8</u> 888	5.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2	11,783 8,001 8,019 5,491
a a a a a a a a a a a a a a a a a a a	Apparat, other textile products.  Mar's and boy's asts and costs.  Mar's and boy's substrate.  Women's and messe cuterwes.  Women's, chaldren's undergaments.	20.00 737 20.013 11.654	¥3843	22.25 23.55 23.55 5.55 5.55 5.55 5.55 5.	1.574 1.574 6.430 1.260	25.54 2.544 10.638 357	5.85 5.85 5.85 5.85 5.85 5.85 5.85 5.85	12,129 876 2,837 4,110 783	257.1 257.1	20.23.00 20.	25.28 26.28 26.28	1. 2.4.2.	\$382 \$	2,2,2,8,2,2,2,8,2,2,2,2,3,2,3,2,3,2,3,3,3,3	27,72 28,17 1,25,1 1,26 1,26 1,26 1,26 1,26 1,26 1,26 1,	3,480 3,480 3,480
1	fortentes at and of table	-	•	-	•	-	-			-	-	•	-	•		

Bee tootnotes at end of table.

			18	1977				1982					-	1985		
SIC		Estab	All employees	seesolo	Value	Estab-	All employees	oloyees	Value	Value of	All employees	loyees	Production	ction	Value	Value of
epoo	NDGSTAY GRODE	ments (num- ber)	Num- ber 2 (1,000)	Pay (mil.	facture a	ments (num- ber)	Num- ber 3 (1,000)	Pay (mill.	facture a dol.)	ship- ments (mil. dol.)	Num- ber 1 (1,000)	Pay roll dot.)	Num- ber 3 (1,000)	Wages (mil. dol.)	facture a (mil.	ship- ments (mil. dol.)
	Apparel, other textile prod- ucts—Con.			1 1	F			1								
និនិនិ	101	907	\$E.	459	879	969	27.0	671	1,446	2,711	180	167	512	464	1,470	2,741
238	Misc. apparel and accessories  Misc. fabricated textile products		185	1,707	3,459	6,611	174	513	1,096	10,281	145	2,639	88.	335	5,641	13,351
242	Lumber and wood products Logging camps, log contractors Sawmils and claniformilis	***	283	7,425	2,419	32,964 11,658 7,403	81 158	1,208	2,502	42,935 8,274	165	1,260	65 145	7,836	2,944	8,518
245	Millwork, plywood, and structural members. Wood containers and mobile homes.		197	2,216 300 858 813	4,701 540 1,789	6,546 2,250 1,163	38. 88. 77.	2,596 391 880	4,460 703 1,741	11,683	8888	3,563 450 1,088	\$5.54 6.65	2,618 319 709	6,812 841 2,167	1,973 5,951 6,559
2552 25 25 25 25 25 25 25 25 25 25 25 25	Furniture and fixtures Household furniture Holifo furniture Public building, related furniture Mich turniture and fixtures.	6,161 6,161 2,134 2,134	<b>2</b> 54828	2,688 543 543 675	6,213 5,213 1,236 1,311	5,475 700 700 700 700 700 700 700	263 263 263 263 263 263	3.162 1.051 1.025 1.025	2,455 2,455 2,080 2,080	22,776 12,776 1,103 1,103	<b>5</b> 28284	7,756 3,860 1,447 370 1,318	822 923	5,346 2,830 940 233 872	16,479 7,827 3,631 2,634	31,294 15,838 6,036 1,416 4,806
* 5888 888 888 888 888 888 888 888 888 8	Paper and allied products Pulprills Pulprills Papermils, except building paper Paperboard mills Nisc. converted paper products Nisc. converted paper products Raidron paper and boxes Raidron paper and boxes	6,545 339 2,994 2,994	629 127 127 204 204	283 283 2167 1,176 2,608 2,608	22,171 906 5,407 3,081 7,263	6,381 43 222 2,781	200 129 129 188 188	12,948 468 3,431 1,502 3,961 7,517	33,376 1,114 8,954 3,740 12,014 7,396	20,995 9,531 26,701 19,192	132 132 138 188 188	15,351 556 4,259 1,668 4,106	<b>\$</b> 55545 <u>\$</u> 5	3,182 3,182 3,148 2,726	40,387 11,074 4,300 14,832 8,828	93.414 3.228 24,980 10,494 31,545 22,545 470
272 272 272 273 273 273 273 273 273 273	Printing and publishing Newspapers Periodicals Books Mac publishing Commercial printing Maridid business forms Gireeting and publishing Gireeting and publishing Gireeting and publishing	2,994 2,994 2,994 2,994 2,994 2,994 1,492 3,592	260 260 260 260 260 260 260 260 260 260	2020 2020 2020 2027 2022 2022 2022 2022	31,980 9,519 9,519 1,291 1,149 1,268	53,406 8,846 3,328 2,611 2,057 2,057 2,735 1,487 4,178	<b>2</b> 64 254 254 254 255 255 255 255 255 255 25	22,707 6,555 6,555 7,986 7,08 8,087 9,34 9,44 1,102	54.423 1.958 1.958 1.349 1.964 1.964	21,797 21,776 10,132 2,871 2,059 1,684 2,684	81-81-82-84-89-89-89-89-89-89-89-89-89-89-89-89-89-	2,555 2,555 2,555 1,004 1,200 3,988 1,074	<b>5</b> 2585858544	13,554 2,828 272 272 239 6,692 795 795 795	73,054 20,426 9,678 9,161 3,265 20,320 3,470 1,895 2,313	111,000 15,246 13,116 2,559 3,354 3,254

See footnotes at end of table.

No. 1242. MANUFACTURES—SUMMARY BY INDUSTRY GROUP: 1977 TO 1985—Continued

(See headnote, p. 702)

			19	1977				1982						1985		
-		Estab	All emp	employees	Value	Estab	All emp	employees	Value	Value of	All em	employees	Prod	Production workers	Value	Value
90	INDUSTRY GROUP	(num- ber)	Num- ber <sup>3</sup> (1,000)	Parit of the control	facture a dot.)	(num)	Num- ber ii (1,000)	Paging (19)	facture a dol.)	ship- ments (mil. dol.)	Num- ber 2 (1,000)	Pay dol.	Num- ber <sup>3</sup> (1,000)	Wages (mil. dol.)	facture 3 (mil. dol.)	ship- ments (mil. dol.
2522	Chemicals and allied products Industrial inorganic chemicals. Plastics materials, synthetics	12,173	110	13,839	6,487	1,365	108	20,836	77,315 8,829 9,402	170,737	105	23,345 3,214 3,862	858 878	11,662	95,258 11,085 12,198	33.05
282 284 288 288 288 288 288 288 288 288	Polytical Scott Control of the Contr	2,528 1,579 1,325	85222	2,794	2,821 12,875 3,808	969	802425	2,581 1,158 1,156	15,282 12,345 5,097	26,031 9,162 14,653	និន្តនិន្តន	2,902 1,360 1,197	28282	2,210	17,346 5,169 14,872 5,128	81.24.4
2588	Petroleum and coal products. Patroleum and coal products. Patroleum relining. Misc. petroleum and coal products.	<b>5</b> 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	<b>#885</b>	2,716 2,055 481 180	16,378 14,424 1,272 682	2,322 1,307 582	250 ST	3,398 829 312	22,068 19,247 1,743	200,919 199,357 5,948 3,614	<b>5</b> 885	3,073 3,073 352	<b>38</b> 2	2,534 1,924 462 148	17,112 13,660 2,181 1,272	179,135 167,502 7,487 4,146
8 50	Rubber and miscellaneous plastics products Tres and inner tubes. Rubber, plastics footwear	2002	518	1,832	4,347	13,449	88 P P P P P P P P P P P P P P P P P P	11,587	4,660	9,340 706	<b>5</b> 55	2,046	56 56 01	1,546	35,708 5,300 318	20
306 430	Reclaimed rubber Rubber and plastics hose, betting Fabricated rubber products, n.e.c. Misc. plastics products	1,280	-282	1,164	2,352 11,770	1,863	479 479	563,7	1,028 3,213 17,935	1,946 6,366 37,013	-222	513 1,975 10,01	-2124	339 1,254 6,530	1,255 4,068 24,740	2,0,0
255253	Leather and leather products Leather training and firsting Boot shoe out stock. findings. Footwear, except nober Leather gloses and millers. Lighter gloses and millers.	864 200 110 100 100 100 100 100 100 100 100	25 20 20 20 20 20 20 20 20 20 20 20 20 20	1,860 255 1,032 34 164	3,719 535 109 2,070 86 328	2,735 384 161 751 292	200 12.45	25. 31. 250. 37.	2,808 2,809 2,809 2,809 2,809	9,719 1,753 368 6,289 1,78 789	\$4084E	282 880. 880. 880.	<b>\$</b> 500 600	58 4 E 25	4,108 509 1111 2,357 86 372	8.567 1.643 4.448 178 725
319	Handbags and other personal leather goods Leather goods, n.e.c.	678	88	242	137	415	28	172	285	1,036	50	235	ã.	32	981	

See footnotes at end of table.

			*	111			4	1982					-	1985		
Sic		Estab-	All emp	employees	Value	Estab	All em	oloyees	Value	Value of	All employee	loyees	Produ	cers	Value	Value of
epos	NDUSTRY GROUP	ments (num-	Num- ber 2 (1,000)	Pay (mil.	facture 3 (mil. dol.)	ments (num- ber)	Num- ber * roll (1,000) dot.)	Page (j.	facture a	ship- ments (mil. dol.)	Num- ber # (1,000)	Pay. (mil. doi.)	Num- ber 3 (1,000)	Wages (mil.dol.)	manu- facture " (mil. dol.)	ship- ments (mil.dol.)
32	_	17,744	419	7,943	19,130	16,545	532	10,097	22,986	45,181	520	11,476	\$	8,196	28,842	55,064
322	-	208	37.	1,548	3,592	459	26	2,032	4,482	7,941	98	1,959	289	1,584	424	7,808
324	Products of purchased glass	201	888	485	1,672	237	25	636	1,816	3,542	3.2	44	16.33	457	2,221	3,964
325	Structural clay products Portion and related products	711	45	460	1,058	628	330	598	989	1,868	38	668	28	489	1,465	2,664
327	Concrete, gypsum, plaster products	10,844	184	2,367	5,391	9,933	167	2,995	6,603	14,947	173	3,602	133	2,505	9,128	19,475
358	Misc. normetallic mineral products	2,390	126	1,635	4,395	2,261	109	2,079	5,296	9,924	101	2,406	78	1,551	6,717	12,127
233	Blast furnace and hasis steel prod-	7,375	1,114	18,745	37,568	1,061	75	20,603	33,291	104,667	742	19,854	178	14,277	38,082	110,301
2	TOTAL TOTAL	1,216	530	10,086	18,318	1,068	366	10,262	14,722	46,720	278	8,467	213	6,208	16,199	48,138
333	Primary nonferrous metals	091	27.5	1,032	3,619	161	2	1,307	2,311	11,321	88	1,195	88	853	1,631	9,788
335	Secondary nonferrous metals Nonferrous rolling and drawing	1,002	171	2.640	5.902	1,022	187	3.636	6.822	25,463	184	4.058	122	2,764	8,715	28,708
338	Nonferrous foundries Misc. primary metal products	1,892	282	345	763	1,907	28	1,385	2,458	2,066	888	1,765	262	1,296	3,197	6,130
8	Fabricated metal products	33,712	1,556	21,036	45,512	35,560	1,460	28,283	58,928	119,444	1,473	33,150	1,104	21,977	69,162	139,580
38	Outley, handtools, hardware	2,137	169	2,179	5,177	2,238	141	2,585	6,041	10,082	146	3,266	?=1	2,230	7,509	12,742
345	Fabricated structural metal products	11,817	426	5,482	11,785	12,681	22	7,897	15,486	34,904	391	8,183	281	5,103	16,322	36,684
340	Screw machine products, bolts, etc. Metal forgings, stampings	3,715	288	4.514	8,913	4,019	236	5,110	9,710	20,057	269	7,148	215	5,273	13,319	28,024
348	Ordnance and accessories, n.e.c. Misc. fabricated metal products	346	220	3,556	7,737	349	28.79	1,780	3,442	4,993	275	2,139	888	3,599	12,538	6,548
35.5	Machinery, exc. electrical	48,200	2,083	30,558	67,223	52,912	2,189	2 850	102,270	187,896	1,991	3,123	1,237	26,511	110,224	215,080
352	Farm and garden machinery	2,159	151	2,197	5,490	2,078	114	2,386	6,146	13,108	88	2,049	9	1,243	5,524	11,651
364	Metalworking machinery	10,830	298	4.514	8.747	10,981	283	6,086	11,285	18,150	795	6,603	191	4,286	12,827	19,692
388	General industrial machinery	4.947	314	4,451	9,673	4.981	314	6,493	13,587	24,459	269	6,509	173	3,673	14,336	25,347
358	Refrigeration, service machinery	2,114	192	2,516	5,963	1,937	172	3344	8,121	16,450	183	4,238	228	2,615	9,836	20,830
3	The state of the s	9000	3	200	3000	1		200	200'6		1		Ī	200'5		200

See tootnotes at end of table.

No. 1242. MANUFACTURES—SUMMARY BY INDUSTRY GROUP: 1977 TO 1985—Continued

[See headnote, p. 702]

			1977	"				1982					-	1985		
Ş		Estab	All emp	employees	Value	Estab-	All emp	employees	Value	Value of	All emp	employees	Production	ction	Value	Value of
epoo	INDUSTRY GROUP	ments (num-	Num- ber *	Pay Gel.	facture 3 (mil. dol.)	ments (num- ber)	Num- ber (1,000)	Pay Gall.	manu- facture s' (mil. dol.)	ship- ments (mil. dol.)	Num- ber 2 (1,000)	Pag. (Joli: dol.)	Num- ber 3 (1,000)	Wages (mil. dol.)	manu- tacture " (mil. dol.)	ments (mil. dol.)
*	Electric and electronic equip-	14 973	1724	22 544	50.366	16.453	1015	38.414	84.805	147 944	2 007	48.504	1 223	23.659	109.862	192.732
361	Electric distributing equipment	947	115	1,431	3,336	942	105	1,995	4,584	8,108	193	2,026	991	1,236	4,947 8,746	8,965
388	Household appliances	999	162	1,898	5,276	630	129	2,223	5,776	12,644	124	2,579	166	1,820	7,338	16,230
365	Radio and TV receiving equipment	1,290	889	1,097	3,078	1,032	98	1,154	3,200	7,833	385	1,316	348	827	3,546	10.785
369	Communication equipment Electronic components, accessories Misc. electrical equipment, supplies	4,455	374	4,557	9,260	5,455	516	9,770	21,214	34,517	558	12,352	106	5,808	26,368	42,921
8	Transportation equipment	10,176	1,768	30,673	64,291	9,443	1,596	40,812	84,932	201,346	1,757	54,592	1,180	33,171	120,953	301,386
372	Motor venicles and equipment.	1.173	431	7,621	14,732	1,471	939	14,718	29,402	52,027	528	17,167	288	8,075	35,798	66,058
373	Ship and boat building and repairing Railroad equipment	2,795	250	2,940	1,883	2,566	35	4,326	7,509	3,457	175	4,103	135	476	1,286	2,736
376	Motorcycles, bicycles, parts	380	120	2,427	4,422	105	146	4,481	9,857	14,398	218	7,649	- 28	2,418	17,108	24,737
379	Misc. transportation equipment	1,314	49	281	1,181	196	43	879	1,977	4,528	47	1,024	34	626	2.024	5.455
8	Instruments and related prod-	7.481	559	7 530	18 782	8.045	824	12 883	33.672	51.798	804	14.666	348	6.693	40.278	61.008
381	Engineering, scientific instruments	786	45	284	1,287	177	45	869	2,101	3,046	47	1,074	88	545	2,581	3,934
383	Optical instruments and lenses	545	88	421	768	638	38	1,026	2,368	3,757	23	1,337	27.	498	3,160	4.947
38.4	Medical instruments and supplies	2,366	198	918	3,262	2,711	141	2,492	6,978	10,863	152	3,218	98	210	9,244	14.203
386	Photographic equip, and supplies. Watches, clocks, and watchcases.	302	328	317	6,732	237	118	3,193	10,860	17,038	15 80	3,129	80	1,377	12,257	18,114
8	Misc. manufacturing	17,259	2:	4,406	10,291	15,871	383	5,647	14,059	26,891	328	5,726	235	3,415	14,032	26,527
383	Musical instruments	450	52	253	488	452	28	258	495	916	12	203	30	135	407	725
304	Toys and sporting goods	2,910	119	1,112	3,000	2,570	88	1,389	4,610	8,256	74	1,223	32	735	3,875	7,586
386	Costume jewelry and notions Misc. manufactures	1,514	152	1.623	3,485	7,585	444	528	1.156	8,860	288	2,411	88	1,421	5,246	9,127
8	Administrative and suxiliary	9.171	1.074	21.981	8	9.676	1.276	38.220	8	00	1,288	46,485	×	8	8	×

X Not applicable. Z Less than 8600,000. 1 Standard Industrial Classification Code; see lent, section 27. 3 "All employees" represents the everage of "production workers" plus all other applicables produced expensively for central others or auxiliaries which serve the semillativity dependent of the programment of a company, relate that the general public. Separate reports were obtained from such units if it is offerent location or if they serviced more than one establishment Searce: U.S. Bureau of the Centure of Alexandrothers, 1977 and 1982, General Service in Annual Servey of Alexandrothers.

### PERCENT OF SHIPMENTS ACCOUNTED FOR BY LARGE MANUFACTURING COMPANIES, SELECTED INDUSTRIES: 1977 AND 1982

i (excluding those classified as "Miscellaneous" or "Not elsewhere classified") as determined by value of 177 of \$4 billion or more. Industry codes and descriptions are based on the 1972 Standard Industrial Inual (SIC), see text, section 27. Determination of company affiliation of establishment is based on census city available records. "Largest" companies are determined by each company's value added by manufacture in tustry. Industries in the "not elsewhere classified" category are omitted, regardless of their value added]

	1	Num-	Value added by	Total value of			SHIPME	
INDUSTRY	Year	ber of com- panies	manu- facture * (mil. dol.)	ship- ments <sup>3</sup> (mil. dol.)	4 larg- est	8 larg- est	20 larg- est	50 larg- est
refining	1977	192	14,424	91,689	30	53	81	94
cles and car bodies	1982 1977 1982	282 254 284	19,247 18,724 15,456	199,357 76,518 70,740	28 93 92	48 99 97	76 99+ 99	93 99+ 99+
ng plants		2,404	4,010	31,208	19	37	49	62
	1982	1,658	5,825	44,854	20	43	61	75
ces and steel mills	1977	395	15,332	41,998 36,824	45 42	65 64	84	95
computing equipment		808	7,624	12,924	44	55	71	85
	1982	1,520	19,598	36,767	43	55	71	82
cle parts and accessories	1977	2,194	16,264	35,751	62	70 69	79 77	86
TV communications equipment	1977	1,873	16,765	36,293 14,886	61	33	57	84 73
TV Commonications equipment	1982	2,083	9,938 21,178	33,032	22	35	57	72
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1977	151	8,134	14,834	59	81	99	99+
	1982	139	15,642	28,024	64	81	98	99+
5	1977	7,821	9,519	13,056	19	31	45	62
ave building paper	1982	7,520	15,275 5,407	21,276 12,613	22	34 42	49 70	92
exc. building paper	1982	135	8,954	20.995	22	40	71	93
printing, lithographic	1977	10,964	5,338	9,360	6	10	17	26
	1982	17,332	11,045	19,441	6	10	17	24
tical preparations	1977	655 584	8,214 13,484	11,459 18,998	24 26	43	73 69	9
	1977	1,516	3,176	13,786	18	28	43	60
	1982	853	4.089	18,736	16	27	48	66
ic equipment and supplies	1977	702	6,732	9,945	72	86	90	94
canned soft drinks	1982	723 1,758	10,860	17,038	74 15	86 22	91 36	94
canned sort drinks	1982	1,236	6,856	16,808	14	23	39	56
sterials and resins	1977	221 263	4,143 4,746	10,818 15,769	22	37 38	60 64	88
telegraph apparatus	1977	208	4 192	7,858	(0)	89	94	98
teregraph apparation intermediate	1982	259	4,192 7,121 5,370	13,394	(D) 76	83	92	97
e, and related products	1977	2,549	5,370	9,275	33	40	54	68
	1982	1,869	7,861	13,143 9,638	34	47 51	60	73
on and heating equipment	1982	731 730	4,469 6,049	12,390	34	46	65	80
	1977	8	* 3,803	4 6,377	(D)	(D)	(x)	(x
	1982	8	8,098	12,127	(D)	(D)	(X) (X) 75	(X (X 86
n machinery	1977	807	5,744	12,629	47	59 52	75 69	8
	1982	817 2,860	5,478 3,763	11,658 6,057	22	35	52	67
	1982	3,143	6,911	11,478	20	31	49	64
inery and equipment	1977	1,868	4,854	11,478 10,282	46	61	70	78
	1982	1,787	5,201	10,743	53	62	69	77
arations	1977	644 596	4,527 7,131	6,557	40 34	56 49	74	90
nd planing mills, general		6,966	4,453	10,867	17	23	36	49
	1982	5,810	3,238	10,065	17	23	34	46
nner tubes	1977	121	4,347 4,660	8,971 9,340	70 66	88 86	97 98	99 + 99 +
other detergents	1977	554	2,868	5,671	59	71	82	89
stampings	1982	642 495	4,777	9,167	60 65	73 70	83	90
A PER SOLV.	1982	566	4,114	8,777	61	66	74	82
ers, noncellulosic	1977	37	2,804	6,380	78	90	99	100
oundries b	1982	865	3,318 4,071	8,263 7,389	34	91	99	100
	1982	801	3,310	6,202	29	37	53	68
d printing, letterpress	1977	14,375	2,441	4,284	14	19	25	31
A STATE OF THE PARTY OF THE PAR	1982	10,211	3,161	5,504	7	10	16	24
isiles and space vehicles	1977	20	3,565	5,314	64	94	100	(x)

avoid disclosure. X Not applicable. 

<sup>1</sup> Standard Industrial Classification; see text, section 13. 

<sup>8</sup> See footnote 8, table 1241. 

<sup>1</sup> Value of production reported instead of value of shipments; for computing adjusted value added modified to include only changes in work-in-process inventories between 1 of year. 

<sup>1</sup> Includes foundries producing gray-iron castings for other plants of the same company, tages do not reflect market shares in industry as such.

reau of the Census, Census of Manufactures, 1982, Concentration Ratios in Manufacturing, MC82-SR-7.

### No. 1244. MANUFACTURES SUMMARY,

[Sum of State totals may not add to U.S. total

Ξ			19	77					1982	/		
			All emp	loyees #	Value		All emp	loyees *		uction	Value	1
	STATE	Establish- ments, total 1	Num- ber <sup>3</sup> (1,000)	Payroll (mil. dol.)	added by manu- facture * (mil. dol.)	Establish- ments, total <sup>1</sup>	Num- ber <sup>9</sup> (1,000)	Payroll (mil. dol.)	Num- ber <sup>3</sup> (1,000)	Wages (mil. dol.)	added by manu- facture * (mil. dol.)	Value of ship- ments * (mil. dol.)
t	U.S	359,928	19,590	264,013	585,166	358,061	19,094	379,627	12,401	204,787	824,118	1,960,206
2345676	N.E	25,737 2,157 1,825 1,030 11,133 3,107 6,485	1,391 103 95 42 614 125 412	17,603 1,078 1,029 498 7,819 1,327 5,852	35,588 2,343 2,175 1,050 16,349 2,737 10,934	25,659 2,009 1,981 1,104 11,017 2,855 6,693	1,445 110 107 47 643 114 424	27,603 1,775 1,792 863 12,353 1,760 9,060	916 86 75 30 397 83 245	13,874 1,237 1,055 434 6,001 1,052 4,095	56,213 4,038 4,004 2,037 25,968 3,793 16,373	105,938 8,649 7,636 3,730 48,204 7,652 30,067
9	M.ANYNYNJPA	71,009	3,617	49,843	103,160	65,443	3,353	68,316	2,048	33,333	139,387	294,829
10		36,578	1,510	20,876	44,290	32,651	1,419	29,156	836	13,270	62,907	121,469
11		15,696	778	10,924	22,853	15,126	754	15,845	440	7,207	31,656	70,420
12		18,735	1,329	18,043	36,017	17,666	1,180	23,315	772	12,856	44,824	102,940
13 14 15 16 17 18	E.N.C OH IN IL MI	69,237 17,354 8,061 19,517 15,627 8,678	4,974 1,331 706 1,286 1,116 535	76,908 20,356 10,439 18,741 20,054 7,318	160,224 43,055 22,718 40,279 37,566 16,606	67,378 16,960 7,960 18,618 15,158 8,682	4,337 1,102 585 1,069 884 497	92,400 24,740 12,559 22,681 22,223 10,197	2,664 695 406 670 564 329	52,063 13,816 7,821 11,931 12,505 5,990	184,757 49,641 25,747 47,705 39,118 22,546	440,702 112,278 63,332 112,929 99,715 52,448
19	W.N.C	24,321	1,297	17,388	40,866	23,940	1,272	25,430	803	13,652	60,413	155,543
20	MN	6,637	332	4,693	9,605	6,775	350	7,423	201	3,428	15,367	35,321
21	IA	3,783	240	3,383	8,684	3,596	213	4,403	140	2,649	12,078	31,397
22	MO	7,355	433	5,709	13,087	7,069	406	8,013	256	4,199	18,334	41,459
23	ND	571	14	162	473	587	15	246	10	141	652	2,465
24	SD	740	23	251	612	748	25	398	18	262	1,100	3,005
25	NE	1,965	88	1,075	2,867	1,928	91	1,624	64	1,015	4,445	15,143
26	KS	3,270	168	2,115	5,338	3,235	171	3,323	113	1,958	8,437	26,753
27	S.ADEMDDCVAWVNCSCGAFL	47,692	2,823	33,504	72,306	48,855	2,930	45,588	2,081	28,351	112,850	256,625
28		619	67	1,141	1,596	632	68	1,743	32	557	2,467	8,383
29		3,937	243	3,420	7,116	3,883	234	4,859	146	2,551	10,134	21,282
30		555	19	298	610	514	17	394	6	125	929	1,537
31		5,519	395	6,442	10,882	5,568	391	6,649	287	4,192	17,256	36,803
32		1,857	117	1,621	3,880	1,662	96	2,007	65	1,233	4,049	9,869
33		9,954	765	7,519	18,231	10,133	799	11,717	605	7,297	28,492	64,176
34		4,229	374	3,805	6,187	4,206	368	5,540	279	3,576	12,219	27,836
35		8,623	485	5,125	12,549	8,534	503	7,906	369	4,864	19,192	48,056
36		12,399	358	4,133	9,255	13,723	454	7,773	292	3,956	18,112	38,683
37	E.S.C	19,187	1,328	14,506	36,214	18,573	1,241	20,132	924	13,053	49,514	119,698
38	KY	3,548	278	3,452	9,546	3,502	247	4,639	174	2,874	11,820	26,939
39	TN	6,487	490	5,219	12,663	6,417	462	7,378	338	4,603	17,823	40,777
40	AL	5,863	341	3,773	8,406	5,528	330	5,234	254	3,598	12,046	29,794
41	MS	3,289	219	2,062	5,619	3,126	202	2,881	158	1,978	7,825	19,488
42	W.S.CAR	29,796	1,442	18,319	52,043	31,876	1,648	32,573	1,082	17,961	81,011	271,595
43		3,595	197	1,932	4,882	3,313	190	2,824	149	1,932	7,755	19,747
44		4,276	195	2,683	9,418	4,107	202	4,304	142	2,731	11,755	57,058
45		3,818	164	2,051	4,662	4,168	197	4,010	121	2,065	8,143	23,116
46		18,107	886	11,653	33,081	20,288	1,059	21,435	670	11,233	53,358	171,674
47	MI	13,808	461	5,992	13,621	14,854	556	10,863	342	5,569	23,134	56,997
48		1,168	24	312	802	1,090	20	379	15	265	714	3,668
49		1,495	52	625	1,430	1,404	48	865	34	545	2,077	5,370
50		505	9	111	381	511	10	183	7	115	408	2,558
51		3,948	153	2,125	4,472	4,406	192	3,983	110	1,877	8,057	17,963
52		1,323	29	297	734	1,223	33	521	22	297	1,398	3,815
53		2,892	111	1,463	3,333	3,407	150	3,037	87	1,423	6,162	12,907
54		1,748	70	867	1,974	1,962	83	1,539	54	837	3,455	8,960
55		729	15	192	495	851	20	356	13	210	863	1,756
56	Pac	59,106	2,255	31,929	71,245	61,483	2,518	53,724	1,543	26,934	116,846	258,280
57	WA	6,723	265	4,054	8,955	6,788	291	6,681	178	3,624	12,596	34,665
58	OR	5,716	202	2,760	6,138	5,659	185	3,783	130	2,334	7,973	17,897
59	CA	45,289	1,752	24,672	54,862	47,625	2,005	42,630	1,209	20,561	94,388	199,695
60	AK	429	11	166	504	445	13	270	10	197	769	2,580
61	HI	949	25	277	786	966	24	360	16	218	1,120	3,443

X Not applicable. Includes central administrative offices and auditiny units. Includes employment and payroll at administrative offices and auditiny units. If includes employment and payroll administrative offices and auditing units. If all other employees for the payroll period ended nearest the 12th of March. "Production workers" represents the average of the employment for the payroll periods ended nearest the 12th of March. May. August, and November.

TE: 1977 TO 1985

## U.S. and State figures were independently derived]

	11	985				
oloyees <sup>a</sup>	Produ work		Value added by	Value of ship-	Leading major industry groups ranked by value added by manufacture, 1962	
Payroll (mil. dol.)	Num- ber <sup>3</sup> (1,000)	Wages (mil. dol.)	manu- facture 4 (mil. dol.)	ments s (mil. dol.)	manufacture, 1992	
442,954	12,174	235,713	999,328	2,279,051	Mach. exc. elec.; food; trans. equip.	1
33,462 2,039 2,280 960 15,327 2,031 10,820	877 82 75 29 383 79 229	15,947 1,384 1,344 483 6,912 1,197 4,627	69,342 4,671 5,045 1,740 32,965 4,289 20,632	126,230 9,778 9,050 3,574 60,610 8,238 34,980	(x) Paper; leather; food Machinery exc. elec.; elec. equip.; paper Elec; equip; mach., exc. elec.; fabricated metal Machinery, exc. elec; elec equip; instruments Misc. mfg; fab. meta; elec. equip. Trans. equip; mach., exc. elec.; elec. equip.	
74,590 32,455 17,526 24,609	1,872 747 408 717	35,281 14,051 7,777 13,453	161,368 73,393 36,117 51,858	324,090 138,217 75,554 110,319	(x) Printing and publishing; instruments; elec. equip. Chemicals; food; electrical equipment. Machinery, exc. elec.; food; primary metal	1
110,061 29,556 14,581 25,257 29,051 11,616	2,748 726 412 633 644 333	63,635 17,011 9,166 13,016 17,513 6,929	234,534 64,157 33,461 55,589 53,574 27,753	543,418 145,482 76,654 124,402 134,043 62,837	Trans. equip.; mach., exc. elec., fab. metal Electrical equip.; primary metal.; trans. equip. Machinery, exc. elec.; food; elec. equipment. Trans. equip; mach. exc. elec.; fabricated metal Machinery, exc. elec.; tood; paper	11 11 11 11
30,439 9,298 4,603 9,785 265 447 1,821 4,220	810 206 131 263 9 19 64 118	15,947 4,056 2,707 5,235 151 296 1,157 2,345	73,662 19,397 13,368 21,754 736 1,412 5,343 11,652	182,563 42,532 32,237 54,872 2,492 3,585 15,215 31,630	Machinery exc. elec.; food; fabricated metal Machinery, exc. elec.; food; electrical equip. Transportation equip.; food; chemicals Food; mach, exc. elec.; printing and publishing Food; mach, exc.; elec. equip. Food; machinery, exc. elec.; chemicals Transportation equip.; food; printing and publishing	12222222
59,397 2,122 5,528 460 8,446 1,996 14,481 6,435 10,247 9,682	2,099 34 142 6 299 60 603 267 389 299	34,001 766 2,906 128 5,193 1,238 8,794 4,131 6,233 4,612	145,810 3,380 11,907 1,223 22,075 4,748 39,143 14,636 26,972 21,726	322,663 10,789 25,328 1,787 45,554 10,603 81,985 33,869 63,057 49,691	(x) Chemicals; food; instruments Electronic equip.; food; chemicals Printing and publishing; food; machinery, exc. electric Tobacco; chemicals; food Chemicals; primary metal; stone, clay, glass Textiles; tobacco; electrical equipment. Textiles; chemicals; machinery; exc. elec. Textiles; food; chemicals Food; electrical equip; transportation equip.	22233333333
23,864 5,360 8,883 6,234 3,387	941 178 344 258 161	15,556 3,357 5,593 4,278 2,328	62,170 15,515 22,224 15,303 9,128	148,373 38,404 50,611 36,635 22,723	(x) Food; machinery, exc. elec.; chemicals Chemicals; food; machinery, exc. elec. Paper; chemicals; textiles Transportation equip; food; electric equip.	33344
34,317 3,339 4,149 4,107 22,722	966 150 119 107 590	18,439 2,283 2,602 2,213 11,341	85,252 8,349 12,322 9,368 55,213	271,236 21,840 52,828 25,025 171,543	(x) Food; electionic equipment; paper Chemicals; petroleum; food Mach; exc. elec.; fab. metal; rubber, plastic Machinery, exc. elec.; chemicals; food	4 4 4 4
13,338 423 1,043 160 4,796 633 3,858 2,017 413	351 15 37 6 105 22 94 59	6,670 298 649 112 2,191 380 1,762 1,048 230	29,448 867 2,536 467 10,112 1,635 7,948 4,848 1,035	65,943 3,510 5,821 2,311 20,619 4,074 16,721 10,941 1,946	Lumber; food; petroleum and coal Food; machinery, exc. elec.; chemicals Chemicals; mach., exc. elec.; food Machinery, exc. elec.; instruments; food Petroleum and coal; electric equipment; food Elec. equip.; machinery exc. elec.; trans. equip. Machinery, exc. elec.; trans. equip; food Food; printing and publishing; fabricated metals	4 4 5 5 5 5 5 5
63,488 7,315 4,161 51,377 234 401	1,511 166 128 1,193 8 16	30,242 3,668 2,579 23,601 165 229	137,742 14,819 9,507 111,366 855 1,195	294,537 40,458 21,004 227,086 2,512 3,477	Transportation equip.; food; lumber Lumber, food; instruments Elec. equip; trans.; equip.; mach., exc. elec. Food; petroleum and coal; lumber Food; textiles; stone, clay, glass products.	55566

Ition, see footnote 6, table 1241. \*See footnote 7, table 1241.

S. Bureau of the Census, Census of Manufactures, 1977 and 1982 and Annual Survey of Manufactures.

### No. 1245. Finances of Manufacturing Corporations: 1970 to 1986

n billione of dollars. Beginning 1986, data exclude estimates for corporations with less than \$250,000 in assets at time of sample selection. Prior period includes estimates for corporations in this size category. See tables 885 and 985 for individual industry data)

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1964	1985	1986
Net sales Net operating profit	709 50	1,065 77	1,203 97	1,328	1,496 122	1,742 135	1,897 129	2,145 144	2,039 105	2,114 125	2,335 159	2,331 138	2,221
Before taxes	48 29	80 49	105 65	115 70	133 81	154 99	145 92	158 101	108 71	133 86	166 108		129 83
Net income retained in business	15 14	20 29	23 42	27 44	29 52	99 32 66	36 58	61	30	42 44	45 63	46	37

Source: Through 1981, U.S. Federal Trade Commission; thereafter, U.S. Bureau of the Census. *Quarterly Financial Report for Manufacturing, Mining, and Trade Corporations*, first quarter report of year subsequent to reported year.

### NO. 1240. CAPITAL IN MANUFACTURING ESTABLISHMENTS: 1975 TO 1986

[In billions of dollars, except percent. Minus sign (-) indicates decline. Data refer to privately owned manufacturing establishments and are based on the capital expenditures data from the census of manufactures, the Annual Survey of Manufactures, and the inventory investment component of GNP. For details, see source]

See 4			CURREN	T DOLLA	AS	2		CO	STANT (	1982) DO	LLARS	
ITEM	1975	1980	1983	1984	1985	1986	1975	1980	1983	1984	1985	1986
Purchases of equipment and structures Percent equipment. Depreciation (straight line) 1 Percent equipment. Net investment 2	38.5 79.3 28.7 76.7 9.7	75.3 80.4 53.1 78.7 22.2	64.4 79.9 69.4 79.2 -4.9	76.4 80.3 71.7 78.8 4.6	84.3 80.0 74.6 78.7 9.7	80.2 81.7 77.4 78.6 2.8	65.1 78.7 49.8 76.6 15.3	86.8 80.4 62.0 78.9 24.9	63.8 80.4 68.7 79.8 -4.9	75.1 81.6 69.9 80.0 5.1	83.9 82.1 72.1 80.4 11.7	78.8 83.9 74.3 80.8 4.5
Net stock, end of year 1	529.1 351.3 64.4 177.8	944.6 633.9 67.0 310.7	1,080.5 764.7 67.2 315.9	1,132.5 789.0 66.7 343.4	1,147.8 812.2 66.7 335.6	66.7	879.1 597.2 64.0 281.9	1,034.0 707.2 67.4 326.8	1,046.8 737.5 68.0 309.3	1,074.2 744.2 68.3 330.0	1,079.5 757.3 68.7 322.2	1,080.2 763.2 69.2 317.0

Depreciation end not stock estimates are derived using the perpetual inventory method and the straight-line depreciation formula.
 Represents the difference between purchases and depreciation.

Source: U.S. Bureau of Economic Analysis, The National Income and Product Accounts of the United States, 1929-82 and Survey of Current Business, August 1967.

# No. 1247. MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS: 1950 TO 1986 [In billions of dollars, except ratio. See also Historical Statistics, Colonial Times to 1970, series P 74-92]

YEAR	Ship- ments, total	Inven- tories, total (Dec. 31) <sup>1</sup>	Ratio of invento- ries to ship- ments 3	New orders, total	Un- filled or- ders, total (Dec. 31)	YEAR	Ship- ments, total	inven- tories, total (Dec. 31) 1	Ratio of invento- ries to ship- ments **	New orders, total	Un- filled or- ders, total (Dec. 31)
1950 1951 1952 1953 1954	261	32 39 42 44 42	1.41 1.78 1.71 1.90 1.71	242 287 279 263 268	41 67 76 80 48	1970 1971 1972 1973 1974	671	101 102 106 124 158	1.91 1.76 1.56 1.63 1.86	625 672 770 913 1,047	106 107 120 158 167
1955 1956 1957 1956	318 333 345 327 363	45 51 52 50 53	1.63 1.74 1.90 1.75 1.68	330 340 331 324 389	60 68 53 47 52	1975 1976 1977 1978 1979	1,039 1,186 1,358 1,523 1,727	160 175 186 209 239	1.77 1.66 1.56 1.55 1.61	1,023 1,194 1,380 1,578 1,769	171 180 202 257 209
1960 1951 1962 1963 1964	371 371 400 421 448	54 55 58 60 63	1.79 1.67 1.76 1.66 1.62	363 373 401 428 460	45 47 48 53 65	1950 1961 1982 1983 1964	2,055 2,254	262 280 307 308 330	1.81 1.74 1.91 1.82 1.78	1,874 2,013 1,939 2,067 2,261	320 316 303 335 361
1965 1966 1957 1966 1959	492 538 558 603 642	96 76 84 90 98	1.58 1.70 1.71 1.78 1.81	505 567 565 606 847	79 97 104 110 115	1985 1985	2,279 2,273	322 314	1.72 1.66	2,268 2,274	370 370

<sup>&</sup>lt;sup>1</sup> Beginning in 1982 inventories are stated at current cost and are not comparable to the book value estimates for prior years.
<sup>8</sup> Ratio based on December seasonally adjusted data.

Source: U.S. Bureau of the Census, *Current Industrial Reports, Manufacturers' Shipments, Inventories, and Orders: 1979–1888*, series MS-1.66, and monthly reports.

### D. 1248. VALUE OF MANUFACTURES SHIPMENTS AND INVENTORIES—SELECTED INDUSTRIES: 1979 TO 1986

[In billions of dollars. See Historical Statistics, Colonial Times to 1970, series P 74-79]

1979	1980	1981	1982	1983	1984	1985	1986
1,727.2	1,852.7	2,017.5	1,960.2	2,054.9	2,254.4	2,279.1	2,273.3
912.7	930.6	1.006.5	952.2	1.019.5	1 159 5	1.187.2	1,201.7
46.0	46.1	48.0	45.2	48.7	53.4	55.1	56.8
					119.1		101.7
	116.2		119.4				136.0
	180.7	201.5					205.8
13.2	13.7	15.3	13.0	12.2	15.5	14.9	14.8
31.5	33.6	39.0	32.0	24.8	27.1	27.7	26.6
26.6	32.4	37.8	43.0	48.2	59.7	62.2	56.2
			147.9	159.2		192.7	205.6
							25.4
			7.8				17.1
					56.7		69.7
22.7	27.6	30.4			48.0	42.9	44.0
201.6	186.5	205.2	201.3	244.1	281.2	301.4	314.1
131.4				147.3			194.7
							99.0
37.7	25.6	48.3	51.8	53.6			40.6
13.4	15.9	16.9	17.0	17.4	18.7	18.1	18.0
814.5	922.1	1,011.1	1,008.0	1,035.4	1,095.0	1,092.0	1,071.6
236.0	256.2	272.1		287.1		301.6	314.5
10.6							18.0
	47.3						54.6
65.2	72.8	80.2	79.9	84.6	94.8	93.4	103.8
170	0.50	1 32 1			1000	1	
28.0	31.8	35.1	34.0	36.1	41.4	39.2	44.0
							22.4
	162.5						198.3
							69.2
	198.7	224.1	208.9	192.6	189.0		129.3
46.8	47.3	53.2	55.4	60.3	69.5	71.3	72.2
	261.7	279.5	307.2	306.0	329.6	322.3	313.7
158.5	172.2	183.6	197.0	196.6	214.5	209.8	204.0
5.4	5.8	6.3	6.7	6.9	7.1	7.0	6.9
22.0			23.9		21.9		17.1
			21.1				20.9
		43.0		43.9	47.4		40.8
2.0	2.0	2.0	3.3	2.0	3.0	2,0	2.1
8.1	9.2	9.9	11.9	9.9	9.1	7.7	6.8
6.8	8.4	9.2	10.0	10.5	13.2	11.9	9.6
	25,4	27.8	30.0	31.4	37.6		38.1
							2.6
					2.7		1.6
7.3		9.9			14.7	15.6	16.1
4.4							7.7
31.1	35.3	37.0	42.3	43.5	49.5	51.0	51.5
10.7	9.6	8.9	8.5	10.1	11.6	11.7	11.1
16.4	21.7	24.1	29.7		34.4		36.8
							12.2
1.9	2.2	2.4	2.6	2.8	2.7	2.7	2.7
80.6	89.5	95.8	110.2	111.4	115.1	112.4	109.7
20.6	22.4	22.1	23.6	24.1	24.4	24.0	24.0
3.6	3.8	3.8 4.6	7.2	4.3 7.2	6.9	4.6 6.2	5.9
		6.7	6.6	7.3	7.5	7.0	6.4
				9.2	10.1	9.9	10.4
6.0	6.5	8.5	8.9	10.0			
6.8	7.7	8.5	8.9			- 63	41
6.0 6.8	7.7	3.2	3.5	3.4	3.8	3.8	
6.0 6.8 2.4 1.9 17.3	7.7		1,5,4		3.8 2.7 25.5	3.8 2.5 25.1	27.0
6.0 6.8 2.4 1.9 17.3 5.4	7.7 2.9 1.9 19.6 6.5	3.2 2.3 22.0 7.3	3.5 2.3 23.8 7.9	3.4 2.5 24.4 7.7	3.8 2.7 25.5 8.0	3.8 2.5 25.1 7.5	27.0 8.2
6.0 6.8 2.4 1.9 17.3	7.7 2.9 1.9 19.6	3.2 2.3 22.0	3.5 2.3 23.8	3.4 2.5 24.4	3.8 2.7 25.5	3.8 2.5 25.1	4.1 2.6 27.0 8.2 8.4 9.8
	1,727.2 912.7 46.0 137.4 113.6 166.5 13.2 31.5 26.6 116.0 20.0 12.7 6.1 30.3 32.7 201.6 131.4 48.3 37.7 21.6 20.0 16.0 20.0 13.4 48.3 37.7 21.6 20.0 16.0 20.0 16.0 20.0 16.0 20.0 16.0 16.0 20.0 16.0 16.0 16.0 16.0 16.0 16.0 16.0 1	1,727.2 1,852.7 930.6 46.1 137.4 133.9 116.2 180.7 13.2 13.7 31.5 26.6 32.4 116.0 128.6 20.0 21.3 36.0 22.7 201.6 186.5 180.7 27.6 201.6 186.5 180.7 201.6 186.5 27.6 20.0 12.3 13.4 104.6 48.3 58.5 180.6 1	1,727.2 1,852.7 2,017.5  912.7 930.6 46.1 137.4 133.9 141.9 113.6 116.2 123.7 166.5 180.7 201.5 13.2 13.7 15.3  31.5 33.6 39.0 22.6 32.4 37.8 116.0 128.6 140.2 20.0 21.3 23.4 12.7 12.9 13.1 8.1 8.5 8.8 30.3 36.0 40.3 22.7 27.6 30.4 201.6 186.5 205.2 21.3 11.4 104.6 117.0 48.3 37.7 44.1 48.3 37.7 44.1 48.3 37.7 14.1 15.9 16.9  814.5 922.1 1.011.1 236.0 25.6 28.7 13.4 15.9 16.9 814.5 922.1 272.1 10.6 12.2 13.1 45.1 47.3 50.3 65.2 72.8 80.2 28.0 31.8 35.1 16.0 17.2 19.0 147.7 162.5 180.5 52.3 56.7 3 62.7 148.4 198.7 224.1 46.8 47.3 53.2 239.1 261.7 279.5 158.5 5.4 26.9 22.6 23.1 25.7 18.8 9.9 36.8 40.3 43.0 2.6 2.6 28.8 1.9 2.9 9.9 9.6 8.8 4.9 9.2 22.6 25.4 27.8 4.0 4.1 4.6 1.8 1.8 2.0 1.7 3.8 9.9 4.4 5.4 37.3 1.7 38.8 9.9 4.4 5.4 37.3 1.7 38.8 9.9 4.4 5.4 37.3 1.7 38.8 9.9 4.4 5.4 37.9 1.8 9.9 1.8 1.8 1.8 2.0 1.9 2.9 9.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	1,727.2 1,852.7 2,017.5 1,960.2 912.7 930.6 1,006.5 952.2 46.0 46.1 48.0 45.2 137.4 133.9 141.9 104.7 113.6 116.2 123.7 119.4 166.5 180.7 201.5 187.9 13.2 13.7 15.3 13.0 31.5 33.6 39.0 32.0 32.0 21.3 23.4 21.9 20.0 12.3 23.4 21.9 20.0 12.3 23.4 21.9 22.7 12.9 13.1 12.6 8.1 8.5 8.8 7.8 30.3 36.0 40.3 46.4 22.7 27.6 30.4 34.5 201.6 186.5 205.2 201.3 131.4 104.6 117.0 112.3 48.3 58.5 64.8 66.4 37.7 44.1 48.3 58.5 64.8 66.4 37.7 44.1 48.3 51.8 21.6 25.6 28.7 32.3 13.4 15.9 16.9 17.0 18.1 19.0 19.2 19.2 19.2 19.2 19.2 19.2 19.2 19.2	1,727.2 1,852.7 2,017.5 1,960.2 2,054.9 912.7 930.6 46.1 48.0 45.2 48.7 137.4 133.9 141.9 104.7 108.5 180.7 201.5 187.9 179.0 13.2 13.7 119.4 122.1 13.0 122.0 13.1 13.0 122.0 13.1 13.0 122.0 13.1 13.0 122.0 13.1 13.0 122.0 13.1 13.0 122.0 13.1 12.6 14.0 14.0 14.9 159.2 12.7 12.9 13.1 12.6 14.5 8.8 7.8 8.9 7.8 8.9 30.3 36.0 40.3 46.4 49.9 22.7 27.6 30.4 34.5 37.2 201.6 186.5 205.2 201.3 141.1 12.3 147.3 48.3 58.5 64.8 66.4 74.8 37.7 44.1 48.3 58.5 64.8 66.4 74.8 37.7 44.1 48.3 58.5 64.8 66.4 74.8 37.7 44.1 48.3 58.5 64.8 66.4 74.8 37.7 44.1 48.3 58.5 64.8 66.4 74.8 37.7 44.1 48.3 58.5 64.8 66.4 74.8 37.7 44.1 48.3 58.5 64.8 66.4 74.8 37.7 44.1 15.9 16.9 17.0 17.4 15.9 16.9 17.0 17.4 15.9 16.9 17.0 17.4 15.9 16.9 17.0 17.4 15.9 16.9 17.0 17.4 15.9 16.9 17.0 19.2 20.5 14.7 162.5 16.9 17.0 17.4 16.8 12.2 13.1 16.1 18.3 40.2 16.5 17.2 18.8 40.2 79.9 84.6 17.0 17.0 18.2 20.5 18.8 19.2 19.9 19.2 20.5 18.8 19.2 19.9 19.2 20.5 18.8 19.2 19.9 19.2 20.5 18.8 19.2 19.9 19.9 19.2 20.5 18.8 19.2 19.9 19.9 19.2 20.5 18.8 19.2 19.9 11.9 19.2 20.5 18.8 19.2 19.9 11.9 19.2 20.5 18.8 19.2 19.9 11.9 19.2 20.5 18.8 19.2 19.9 11.9 19.2 20.5 18.8 19.2 19.9 11.9 19.2 20.5 18.8 19.2 19.9 11.9 19.2 20.5 18.8 19.2 19.9 11.9 19.9 19.2 20.5 18.8 19.2 19.9 11.9 19.2 20.5 18.8 19.2 19.9 11.9 19.9 19.6 8 8.4 40.3 43.0 47.2 43.9 24.1 14.8 18.8 19.2 19.9 11.9 19.9 19.6 8 8.4 40.3 43.0 47.2 43.9 24.1 14.8 18.8 19.2 19.9 11.9 19.9 19.8 18.8 19.2 19.9 11.9 19.9 19.8 18.8 19.2 19.9 11.9 19.9 19.8 18.8 19.2 19.9 11.9 19.9 19.8 18.8 19.2 19.9 11.9 19.9 19.8 18.8 19.2 19.9 11.9 19.9 19.8 18.8 18.8 19.2 19.9 11.9 19.9 19.8 18.8 19.2 19.9 11.9 19.9 19.8 18.8 19.2 19.9 11.9 19.9 19.8 18.8 19.2 19.9 11.9 19.9 11.9 19.2 11.1 11.0 11.0 11.0 11.0 11.0 11.0 11	1,727.2 1,852.7 2,017.5 1,960.2 2,054.9 2,254.4 912.7 930.6 1,008.5 952.2 1,019.5 1,159.5 46.0 46.1 48.0 45.2 48.7 53.4 137.4 133.9 141.9 104.7 108.5 119.1 113.6 118.2 123.7 119.4 122.1 135.9 166.5 180.7 201.5 187.9 179.0 210.4 13.2 13.7 15.3 13.0 12.2 15.5 13.0 12.2 15.5 13.0 12.2 15.5 13.0 12.2 15.5 13.0 12.2 15.5 13.0 12.2 15.5 16.0 12.6 140.2 147.9 159.2 187.6 20.0 21.3 23.4 21.9 21.5 24.7 12.7 12.9 13.1 12.6 14.5 16.3 8.1 8.5 8.8 7.8 8.9 9.9 30.3 36.0 40.3 46.4 49.9 56.7 22.7 27.6 30.4 34.5 37.2 44.1 36.3 58.5 64.8 66.4 74.8 78.8 37.7 44.1 48.3 58.5 64.8 66.4 74.8 78.8 37.7 44.1 48.3 58.5 64.8 66.4 74.8 78.8 37.7 44.1 48.3 51.8 53.6 59.4 119.9 12.1 12.6 14.5 16.3 13.4 15.9 16.9 17.0 17.4 18.7 65.2 72.8 80.2 79.9 84.6 94.8 29.9 30.3 33.0 36.1 13.4 15.9 16.9 17.0 17.4 18.7 65.2 72.8 80.2 79.9 84.6 94.8 26.0 31.8 35.1 34.0 36.1 41.4 198.7 224.1 280.5 287.1 30.0 36.1 41.7 16.5 16.5 16.5 5.4 5.3 50.3 47.5 53.4 55.5 56.6 28.7 32.3 38.3 19.2 20.0 17.2 19.0 19.2 20.5 22.6 14.5 16.5 16.5 36.7 41.9 46.9 50.7 54.4 198.7 224.1 20.9 192.8 189.0 47.2 43.9 44.9 44.9 45.4 198.7 224.1 20.9 192.8 189.0 68.5 17.2 21.9 19.9 19.2 80.5 22.6 18.5 18.5 18.5 18.5 18.5 18.5 18.5 18.5	1,727.2 1,852.7 2,017.5 1,960.2 2,054.9 2,254.4 2,279.1 912.7 930.6 46.1 48.0 45.2 46.7 137.4 133.9 141.9 104.7 108.5 119.1 110.3 136.6 180.7 201.5 187.9 179.0 210.4 215.1 13.2 13.7 15.3 13.0 12.2 15.5 14.9 215.1 13.2 13.7 15.3 13.0 12.2 15.5 14.9 216.6 5 82.4 37.8 43.0 48.2 59.7 62.2 20.0 21.3 23.4 21.9 21.5 187.9 187.6 187.2 187.6 187.2 187.6 187.2 187.6 187.2 187.6 187.6 187.6 187.5 187.6 1

Standard Industrial Classification. 2 Includes industries not shown separately.

Bureau of the Census, Current Industrial Reports, Manufactures' Shipments, Inventories, and Orders: 1978–1986,
 and monthly reports.

### **Manufactures**

#### No. 1249, Industrial Production Indexes, by Industry: 1970 to 1986

[1977 - 100, Based on 1977 Standard Industrial Classification Manual; see text, section 6. See also Historical Statistics, Colonial Times to 1970, series P 13 and P 18-39]

SIC 1	MAJOR INDUSTRY GROUP	1970	1975	1976	1978	1979	1980	1981	1982	1983	1984	1985	1986
(x)	Industrial production	79	85	93	107	111	109	111	103	109	121	124	125
(x)	Manufacturing	77	83	92	107	112	100	111	102	110	123	126	129
(x)	Durable goods	78	83	91	108	114	109	111	100	108	124	127	128
24	Lumber and products	81	81	92	102	102	93	90	83	100	109	113	123
25	Furniture and fixtures	75	80	89	109	112	109	110	105	118	134	140	147
32	Clay, glass, and stone products	76	83	93	109	111	102	99	89	99	113	116	120
33	Primary metals	95	88	99	107	109	90	95	66	73	82	81	76
34	Fabricated metal products	82	83	92	106	109	102	102	87	89	103	107	107
35	Nonelectrical machinery	73	85	89	112	123	123	130	116	118	142	145	142
36	Electrical machinery		77	87	113	126	130	134	128	144	171	168	167
37	Transportation equipment	75	81	92	106	108	97	95	88	99	112	121	126
38	Instruments	60	81	89	112	118	122	126	125	123	137	139	141
(x)	Nondurable goods	76	85	93	106	108	107	110	106	114	122	125	131
20	Food		90	96	104	107	111	114	115	120	127	130	134
21	Tobacco products	92	100	105	105	105	106	109	105	101	100	100	96
22	Textile mill products	81	85	94	103	104	101	98	89	101	104	103	113
26	Paper and products	81	85	96	107	111	111	112	109	120	127	128	136
27	Printing and publishing	82	84	91	108	113	115	119	120	130	147	154	163
28	Chemicals and products	67	83	93	107	111	106	113	104	114	122	127	133
29	Petroleum products	80	87	93	103	102	94	89	84	84	87	87	92
30	Rubber and plastics products	58	73	85	108	115	108	116	110	124	144	147	153
31	Leather and products	117	102	102	102	95	93	93	82	82	77	69	61
(x)	Mining	99	97	97	104	106	112	118	109	103	111	109	100
(x)	Utilities	81	94	97	103	106	107	107	105	105	111	112	110

X Not applicable. 

Standard Industrial Classifications.

Source: Board of Governors of the Federal Reserve System, Federal Reserve Bulletin, monthly.

# No. 1250. INDEX OF MANUFACTURING CAPACITY AND RELATION OF OUTPUT TO CAPACITY: 1950 TO 1987

[1977 output = 100. Annual figures are averages of quarterly data. Capacity represents estimated quantity of output, relative to output in 1997, which the current stock of plant and equipment in manufacturing industries was capable of producing. Primary processing industries comprise textiles, lumber, paper and putp, perfortedum, rubber, stone, cley, gless, primary metals, statricated metals, and a portion of chemicals. Advanced processing industries comprise chemical products, food, beverages, tobacco, apparel, furniture, printing and publishing, leather, machinery, transportation equipment, instruments, ordnance, and miscellances industry groups]

	Index		ON OF OUT			Index		ON OF OUT	
YEAR	of capac- ity	All menu- facturing	Primary processing	Ad- vanced process- ing	YEAR	capac- ity	All menu- fecturing	Primary processing	Ad- venced process- ing
1960	40 60 73 97 101 104 108 112 116 119	83 80 90 79 77 83 87 63 72 77	89 80 91 81 80 66 91 85 72 79	80 81 69 78 78 81 85 82 73 77 61	1978	127 132 137 141 145 149 153 154 158 180	64 85 79 78 70 74 81 80 80 80	66 87 78 78 66 74 82 82 84 85	83 84 80 78 72 74 80 79 78 78

Source: Board of Governors of the Federal Reserve System, Capacity Utilization in Manufacturing, Mining, Utilities, and Industrial Materials, G.3., monthly, (Based on data from Federal Reserve Board, U.S. Dept. of Commerce, U.S. Bureau of Labor Statistics, and McGrav-Hill Information Systems Company, New York, NY; and other sources.)

### No. 1251. Large Manufacturing Companies—Adequacy of Capital Facilities: 1970 to 1986

[Percent distribution. As of July. Number of companies weighted by company assets. Based on replies to the question, "In view of the current rate of order bookings and customer inquiries, are your plant-end-equipment facilities now: Inadequate, Sufficient, or More than adequate?," as part of a quarterly survey conducted among the 1,000 largest manufacturing companies as listed by total assets)

YEAR	inadequate	Sufficient	More than adequate	YEAR	Inadequate	Sufficient	More than adequate
1970 1972 1973 1974 1975 1976 1977	45 57 19 18 20	80 71 53 40 43 85 66	12 13 2 3 36 17 14	1979		69 57 51 46 46 55 52 57	11 31 40 47 46 37 38

Source: The Conference Board, New York, NY, Quarterly Survey of Capital Investment and Supply Conditions in Manufacturing

# 52. LARGE MANUFACTURING COMPANIES—CAPITAL APPROPRIATIONS AND EXPENDITURES, BY INDUSTRY: 1980 TO 1986

e of dollars. Based on reports submitted by companies responding to The Conference Board's *Quarterly Survey of Sproprietions*. This survey is conducted among the 1,000 largest manufacturing companies as listed by total assets, fedions: Authorizations by management to spend funds for new plant and equipment; expenditures: Cost of new plant pment).

		API	PROPRIATIO	DN8			EX	PENDITUR	E8	
MDUSTRY	1980	1983	1984	1983	1980	1960	1963	1984	1965	1986
	104,631	86,180	116,056	107,142	97,557	88,209	75,710	90,306	99,569	93,936
beverages	6,603	5.909	8,993	8,127	7.986	6.014	5.426	5.374	6.552	7.214
allied products	3.578	3,231	5.936	3.269	4,646	3,859	3,357	3,842	4.001	4,418
and affed products	12,170	10,002	11,831	11,479	11.572	10,918	9,340	11,211	10.619	11,981
and coel products		25,718	25,458	24,669	13,984	22,228	20,441	21,632	21.863	14,321
n and steel	2,889	2,113	2.125	2,001	1.826	3.458	2,136	1,984	2.591	1.726
machinery and equip-	_,	_,			,,,,,,	5,.55	_,	.,	_,_,_,	.,
	6.544	8,669	11.987	8,254	9,270	6.271	6.964	10,100	9.075	10,450
except electrical	9.368	7,909	10.854	11,408	7.618	9,826	7.768	8,646	10,215	6.972
cles and equipment	7,110	5,807	16,686	11.711	6,470	5,555	4,007	6,961	10.435	12,137
sportation equipment	4,201	3,601	5,059	6,200	5,269	4,039	3,179	4,338	5,133	6,140
s and photo equip-										
	3,114	3,614	4,859	4,015	3,669	2,889	3,145	4,202	3,763	3,363
xducts		965	1,616	4,306	1,498	801	889	1,216	3,531	2,593
ufacturing	15,279	10,442	12,652	11,703	13,787	12,351	9,058	10,770	11,791	12,635

The Conference Board, New York, NY, Quarterly Survey of Capital Appropriations. (Copyright.)

#### No. 1253, U.S. SHARE OF WORLD EXPORTS OF MANUFACTURES: 1980 TO 1986

iorts = exports from 15 major trading countries: United States, Austria, Belgium-Luxembourg, Canada, Denmark, France, immary, Italy, Japan, Netherlands, Norway, Sweden, Switzerland, and United Kingdom. Percents are calculated from the exports of the five commodity groups from each of the 15 countries. Percentage shares are based on dollar values districted as current exchange rates. Details are reported according to Revision 2 of the United Nations Standard International assistances in SITC31.

			TOTAL (	bil. dol.)				PERCE	NT OF W	ORLD EX	PORTS	
T CATEGORY	1980	1962	1902	1984	1985	1963	1980	1982	1983	1984	1983	1986
quipment	147.2 57.1 28.9 20.8 23.3 17.0	144.1 61.1 28.0 20.1 18.2 16.8	136.4 56.3 28.4 19.9 16.1 15.6	148.2 63.0 30.0 22.6 16.4 16.2	150.7 62.7 35.2 21.5 15.0 16.3	156.1 64.0 35.4 22.4 15.2 18.1	16.8 21.4 18.3 17.9 10.1 16.0	17.6 23.8 17.4 19.1 9.8 16.9	17.0 22.2 17.8 18.3 8.9 15.9	17.3 22.8 17.3 19.5 8.7 15.6	16.7 21.4 18.7 17.9 7.9 14.6	14.1 18.3 15.7 15.5 6.8

nts menufactures exports. Excludes mineral fuel products, processed food, fats, oils, firearms of war, and ammunition, seminanufactures of various materials, such as metals, fibers, wood, glass, leather, rubber, and certain finished restal. "Includes mainly nondurable consumer goods and professional and scientific instruments.

# . FOREIGN DIRECT INVESTMENT POSITION IN THE U.S. FOR MANUFACTURING: 1980 AND 1986 [In millions of dollars]

AREA OR COUNTRY	TOT	TAL I		OUCTS	AND	ALLIED OUCTS	FABRI	MARY ND CATED TALS	MACH	IINERY
	1980	1986	1980	1986	1980	1986	1980	1986	1980	1986
ries <sup>1</sup>	32,993 5.227	68,057 5,389	4,896 (D)	11,864	10,439	22,990	3,576	7,765	6,988 1,173	10,03
***************************************	21,953	55,077	2,088	11,249	8,163 185	20,715	2,194	3,046 (D)	4,463	7,840
	2,291	5,989	111	369	633	3,091	555	684	61	215
***************************************	85	73 47	(D)	(D) (D)	(D)	1	(D)	(D)	14	20
iom	0 450	14,712	1,098	4,851 2,918	2,002	4,583 5,415	170 524	462 801	1,094	1,968
	994	2,421 7,750	586	-1 (D)	1,154	211	148 264	519 (D)	613	1,323
ny	3,875	7,936	43	39	1,815	4,772	333	168 552	832	1,732
Zealand, and South Africa	87	3,017	98	155 142	224	289	78 44	502	318	873
***************************************	83	3,007	101 (D)	46 (D)	1,929	1,674	412 (D)	1,280 (D)	1,027 (Z)	-345
sia and Pacific	38	365	(0)	(D)	(Z)	35	(D)	(D)	8	47

te zero. D Withheld to avoid disclosure of data of individual companies. Z Less than \$500,000. rer manufacturing, not shown separately. \*\*Includes other countries not shown separately.

Bureau of Economic Analysis, Survey of Current Business, October 1984 and August 1987 issues.

<sup>.</sup>S. Dept. of Commerce, International Trade Administration, Business America, blweekly; and Market Share Reports,

### No. 1255. EMPLOYMENT RELATED TO MANUFACTURED EXPORTS BY INDUSTRY: 1977 TO 1984

[Total employment related to manufactured exports is the sum of employment directly calculated for the plants shipping the exported product, the supplying industries and service organizations and the central administrative offices and auditerias. For manufacturing industries, employment is limited to paid employees in manufacturing plants, while for nonmanufacturing it includes an estimate for working proprietors and partners]

		1977			1980			1963			1984	
INDUSTRY	Civilian	rela	oyment ted to lactured ports	Civilian	menut	oyment ted to lactured ports	Civilian	rela	oyment ted to factured ports	Civilian	rele menul	oyment ted to factured ports
	employ- ment (1,000)	Num- ber (1,000)	Percent of civilian employ- ment	employ- ment (1,000)	Num- ber (1,000)	Percent of civilian employ- ment	employ- ment (1,000)	Num- ber (1,000)	Percent of civilian employ- ment	employ- ment (1,000)	Num- ber (1,000)	Percent of civilian employ- ment
U.S	90,306	3,258	3.6	100,260	4,806	4.5	105,831	3,962	3.7	108,067	4,007	3.0
Manufacturing Nonmig Trade Business serv Transp.! Agriculture Mining Other	69,779 16,653 16,750 4,797 3,044	1,268 489	10.2 1.8 2.9 1.3 3.9 4.2 4.6	20,647 79,613 19,737 17,245 6,369 3,225 947 32,090	2,639 2,170 845 575 305 144 69 233	4.3 3.3 4.8 4.5 7.3	18,737 67,094 21,059 19,515 5,697 3,697 1,071 36,065	2,173 1,789 816 178 237 121 43 394	2.1	19,141 86,918 21,501 20,105 5,986 3,576 1,027 36,743	2,179 1,918 875 198 256 122 46 420	11.4 2.2 4.1 1.0 4.3 3.4 4.5

<sup>1</sup> Includes communications and utilities.

# NO. 1256. EXPORT-RELATED SHIPMENTS AND EMPLOYMENT OF MANUFACTURING ESTABLISHMENTS, 1963 TO 1984, AND BY INDUSTRY, 1984

[The export-related employment data shown do not include the jobs involved in the export of nonmanufactured goods and various services sold to foreign buyers. Thus, jobs in the manufacturing sector that relate to the export of nonmanufacturing goods are excluded from the estimates. In addition, all of the indirect exports being reported are domestically produced, that is, they exclude imports. See source for further details on methodology]

		MAN	UFACTU	RER'S SHI	PMENT VAI	LUE	ł	MANUFAC	TURING E	MPLOYMEN	Π
			E	aport rela	ited	Ex-		E	port rela	ted	S
SIC 1 code	INDUSTRY GROUP	Total <sup>2</sup> (bil. dol.)	Total (bil. dol.)	Direct ex- ports <sup>a</sup> (bil. dol.)	Support- ing ex- ports <sup>4</sup> (bil. dol.)	port relat- ed as per- cent of ship- ments	Total * (1,000)	Total * (1,000)	Direct ex- ports <sup>e</sup> (1,000)	Support- ing ex- ports * 7 (1,000)	Export related as percent of total employ- ment
(x)	1963	420.5		16.5		3.9	16,958		(NA) 770		(144)
(x)	1972			36.7		4.9	19,027		770		4.0
(x)	1977		142.4	85.8	56.6	10.4	19,590	1,990	1,108	984	.2
(x)	1980	1,852.7	249.6	151.2	98.6	13.5	20,647	2,639	1,486	1,153	12.8
(x)	1981	2,017.5	271.7	164.3	107.4	13.4	20,264	2,804	1,486	1,118	12.0
(x)	1963	2,055.3	246.4	141.6	104.8	12.0	18,737	2,173	1,118	1,056	11.6
(x)	1964, total *	2,253.8	268.3	151.0	117.3	11.9	19,141	2,179	1,083	1,083	11.4
20	Food and kindred products	300.0	14.5	10.7	3.8	4.8	1,437	53	36	15	3.7
21	Tobacco products	17.4	2.5	2.2	.3	14.6	52	111	10	1 1	20.3
22	Textile mill products	55.4	4.1	1.7	2.4	7.4	711	48	17	31	6.8
23	Apperel, other textile products	57.6	1.7	1.1	.6	3.0	1,152	23	12		2.0
24	Lumber and wood products	54.7	4.5	2.4	2.2	8.3	643	42	18	24	6.6
25	Furniture and foctures		.8	.5	.3	2.7	474	12	7	5	24
26	Paper and allied products	94.8	10.1	3.8	6.3	10.6	613	59	18	41	9.7
27	Printing and publishing	103.5	4.3	1.3	3.1	4.2	1,325	51	11	40	3.9
28	Chemical and allied products	196.3	32.9	20.1	12.8	16.6	845	128	60	48	15.1
29	Petroleum and coal products	189.0	14.8	3.9	10.9	7.6	137	10	4	6	7.2
30	Rubber, misc. plastics products	69.5	8.1	2.8	5.3	11.7	732	81	25	57	11.1
31	Leather, leather products	9.3	.6	.5	1 .1	6.8	170	6	5	1	3.5
32	Stone, clay, glass products	53.4	3.9	1.7	2.2	7.2	533	39	17	22	7.3
33	Primary metal industries		23.3	4.0	19.3	19.5	805	154	23	131	19.1
34	Fabricated metal products		15.8	6.0	9.8	11.6	1,482	174	62	112	11.0
35	Machinery, except electric	210.4	45.2	32.2	12.9	21.5	2,052	408	275	133	19.9
36 37	Electric, electronic equipment	188.0	34.2	17.4	16.8	18.2	2,033	381	182	198	18.7
38	Transportation equipment	l .	35.8	29.4	6.4	12.8	1,709	218	179	39	128
	ucts	59 4	9.1	7.9	1.3	15.4	612	98	84	15	16.0
39	Misc. manufacturing	27.8	2.0	1.6	.5	7.4	355	23	17	7	6.5

NA Not available. ¹ Standard Industrial Classification; see text, section 13. ² Includes total domestic and export shipments for all manufacturing establishments. ² Includes only the value of menufactured products exported by the producing plants. ⁴ Includes shipments of components, parts, supplies, etc., used by plants producing the export products. ⁴ Employment is limited to paid employees in manufacturing plants producing the export product. The number of employees related to export shipments was calculated for each establishment, aggregated by industry and by States, and inflated to a level comparable to the plant value of exports reported in the official foreign trade statistics at port value. ¹ Manufacturing employment at establishment producing components, parts, supplies, etc. for use by plants producing for export. ¹ Includes administrative and auxiliary units, not shown separately.

Source: U.S. Bureau of the Census, Census of Manufactures, 1977, and Annual Survey of Manufactures, Origin of Exports of Manufactured Products.

Source: U.S. Bureau of the Census, Census of Manufactures, 1963, 1972, and 1977; and Annual Survey of Manufactures, Origin of Exports of Manufactured Products.

### PORT-RELATED SHIPMENTS AND EMPLOYMENT OF MANUFACTURING ESTABLISHMENTS, BY STATE: 1984

tble 1256. For composition of regions, see fig. I, inside front cover. Includes employees of central administrative and auxiliary offices]

	M	IANUFACT	URES SHIP	MENT VALU	E		MANUFAC	TURING EN	PLOYMENT	
			Export rela	ted	Export		E	xport relat	ed	Export
SION,	Total (bil. dol.)	Total (bil dol.)	Direct exports (bil. dol.)	Support- ing exports (bil. dol.)	related as per- cent of ship- ments	Total (1,000)	Total (1,000)	Direct exports (1,000)	Support- ing exports (1,000)	related as percent of total employ- ment
	2,253.8	268.3	151.0	117.3	11.9	19,141	2,179	1,083	1,095	11.4
the statement of	448.5 717.2 735.7 352.5	54.8 81.0 83.1 49.4	31.2 44.9 44.1 31.0	24.1 36.0 38.9 18.4	12.2 11.3 11.4 14.0	4,667 5,546 5,819 3,112	552 645 560 423	267 300 273 244	286 346 287 177	11.8 11.6 9.6 13.6
	124.5 9.9 8.8 3.8 58.6 8.5 34.9	18.0 1.2 1.1 6 8.8 9 5.4	11,2 .7 .6 .3 5.5 .5 .5	7.1 .5 .6 .3 3.3 .5	14.5 12.2 12.9 16.2 15.0 11.1 15.6	1,456 108 114 44 657 114 419	195 11 14 7 91 12 60	103 6 6 3 48 6 34	93 5 8 3 43 7 27	13.4 10.3 11.9 15.2 13.8 10.5
**************************************	324.0 133.9 77.7 112.4	36.8 16.0 8.0 12.8	20.0 9.8 4.3 5.9	17.0 6.2 3.8 7.0	11.4 11.9 10.3 11.4	3,211 1,347 738 1,126	357 151 79 127	164 78 32 54	193 73 47 73	11.1 11.2 10.6 11.3
	536.4 141.6 76.9 125.8 130.1 62.0	62.6 17.4 9.4 13.3 16.7 5.8	33.5 9.0 4.4 6.4 10.6 3.1	29.0 8.4 4.9 6.9 6.1 2.7	11.7 12.3 12.2 10.6 12.8 9.3	4,238 1,128 609 1,056 944 501	505 144 72 117 118 54	224 66 32 46 56 24	280 78 40 70 62 30	11.9 12.8 11.8 11.0 12.5 10.7
	180.8 42.8 33.5 52.7 2.6 3.5 15.1 30.6	18.4 5.3 3.3 5.4 .3 .2 1.3 2.6	11.4 3.1 2.1 3.4 .2 2 .8 1.6	7.0 2.1 1.2 2.0 .1 .1 .5	10.2 12.4 9.8 10.2 11.2 7.0 8.7 8.6	1,308 373 202 415 14 27 92 185	140 47 20 43 2 2 9	76 23 12 24 1 1 5	66 25 8 20 1 1 4 7	10.7 12.7 10.1 10.4 11.4 6.7 10.0 9.2
bia	311.8 9.6 23.6 1.7 43.9 10.8 78.8 34.0 61.6 47.8	33.8 1.1 2.3 .1 4.8 1.9 8.5 4.0 5.1 6.0	18.8 .7 1.1 (z) 2.9 .9 4.8 1.9 2.7 3.8	14.9 4 1.2 (2) 1.9 1.0 3.7 2.1 2.4 2.2	11.1 11.7 9.9 4.2 10.9 17.2 10.8 11.7 8.2 12.5	3,011 69 229 15 408 87 828 365 542 468	275 9 24 1 37 11 69 34 42 48	130 3 12 (z) 19 5 31 14 20 26	146 6 12 1 18 7 38 20 22 22	9.1 12.8 10.7 3.9 9.0 13.1 8.3 9.4 7.7
al	145.6 37.4 49.5 36.3 22.4	15.5 4.1 5.0 4.2 2.2	8.0 2.1 2.7 2.0 1.2	7.5 2.0 2.3 2.2 1.0	10.7 10.9 10.1 11.6 10.0	1,277 252 477 341 207	114 26 42 31 15	54 12 21 14 7	60 14 21 17 8	8.9 10.3 8.7 9.1 7.0
ral	278.3 22.9 55.0 24.5 175.9	33.8 2.4 7.0 2.3 22.1	17.3 1.3 3.5 1.2 11.3	16.5 1.1 3.5 1.1 10.8	12.1 10.5 12.7 9.3 12.6	1,531 200 182 174 975	171 16 19 19	89 7 9 11 62	81 9 9 8 55	11.2 8.1 10.2 11.0 12.0
	65.6 3.8 6.2 2.4 21.3 3.9 15.9 10.3 1.8	8.3 .7 .2 2.8 .3 2.5 1.3	4.5 .1 .4 (z) 1.9 .1 1.2 .7	3.7 .3 .2 .1 .9 .2 1.3 .6	12.7 8.4 10.7 6.3 13.1 8.4 15.6 12.6 10.3	576 22 50 9 191 31 161 93 19	76 1 5 1 27 3 26 11	42 (z) 3 (z) 17 2 13 6	33 1 2 (z) 10 1 13 5	13.2 6.3 9.7 5.9 14.0 9.9 15.9 12.1
	286.9 38.6 21.0 221.5 2.4 3.4	41.1 8.6 2.7 28.8 .6 .4	26.5 6.9 1.6 17.1 .6	14.7 1.7 1.1 11.7 1.3 1.3	14.3 22.4 12.9 13.0 27.2 12.1	2,536 277 191 2,036 9 23	347 48 25 271 2	202 36 15 149 2 (Z)	144 12 10 122 (Z) (Z)	13.7 17.2 13.0 13.3 26.7 3.1

50 million or fewer than 500.

ureau of the Consus, Annual Survey of Manufactures, Origin of Exports of Manufactured Products M84(AS)-6.

### No. 1258. DOMESTIC IMPORTS OF MANUFACTURED PRODUCTS: 1970 TO 1986

[Import data for 1974-81 are valued on a f.a.s. basis. Data for 1970-73 and 1982-86 are valued on a customs basis. Data for all years have been adjusted to include comparable commodities in each group. Minus sign (--) indicates decrease]

		19	86		OWTH RA				NETRAT (percen	
SIC 1	PRODUCT	Value (mil. dol.)	Per- cent distri- bution	1970- 1986	1980- 1986	1985- 1986	1972	1977	1982	1985
(x)	Manufacturing	309,122	100.0	15.3	13.0	11.2	6.1	7.0	8.5	11.7
125	Nondurables		27.3	13.1	8.6	5	4.7	5.4	5.8	7.7
(x)	Food and kindred products	12,521	4.1	8.2	3.1		3.9	3.8	3.6	4.3
21	Tobacco manufactures	82	(Z)	10.5	-2.0	(z) 5.0	.6	.7	1.8	5
22	Textile mill products	4,225	1.4	9.0	13.0	14.3	5.6	4.2	5.4	7.7
23	Apparel and other mill products	18,171	5.9	18.0	18.6	15.7	7.0	10.3	14.3	22.4
26	Paper and allied products	8,235	2.7	10.9	7.2	7.0	5.6	6.3	6.1	7.1
27	Printing and publishing	1,236	.4	14.1	15.9	24.0	1.0	.9	9	1.2
28	Chemicals and allied products	13,191	4.3	15.8	11.2	3.6	3.2	3.9	4.5	6.5
29	Petroleum and coal products	12,836	4.2	14.1	7	-29.8	7.1	8.5	7.3	9.5
30	Rubber and plastics products	5,381	1.7	14.0	11.9	14.0	4.7	5.4	5.1	6.3
31	Leather and leather products		2.8	17.0	16.9	12.0	15.9	21.2	33.9	49.6
(x)	Durables	224,595	72.7	16.4	15.1	15.9	7.2	8.3	11.2	15.0
	Lumber and wood products	5,374	1.7	11.2	6.7	5.3	9.4	9.3	8.2	10.5
25	Furniture and fixtures	3,997	1.3	19.9	24.3	24.1	2.6	3.6	5.3	9.2
32	Stone, clay, and glass products	4,910	1.6	14.8	13.8	14.3	3.7	4.0	5.3	7.6
33	Primary metal industries	18,336	5.9	10.3	2.6	-3.4	8.9	10.0	14.7	16.6
34	Fabricated metal products	8,532	2.8	14.5	11.6	9.3	2.5	3.2	4.3	5.5
35	Machinery, except electrical	35,744	11.6	18.7	18.1	22.3	5.4	6.3	8.4	13.9
36	Electrical and electronic equipment		13.6	18.8	18.1	12.3	7.6	10.4	12.4	17.0
37	Transportation equipment		26.6	17.3	17.8	21.2	9.8	10.2	15.4	18.4
38	Instruments and related products	10,645	3.4	18.1	14.6	20.9	6.7	9.2	10,1	13.7
39	Miscellaneous manufacturing industries	12,776	4.1	16.0	15.3	14.8	13.3	17.2	24.0	35.0

X Not applicable. Z Less than .05 percent. <sup>1</sup> Standard Industrial Classification. <sup>2</sup> 1970-86 and 1980-86 rates are compound annual growth rates. <sup>3</sup> Ratio of imports to new supply (product shipments plus imports).

# No. 1259. DOMESTIC IMPORTS FOR 25 LEADING 4-DIGIT SIC PRODUCT GROUPS: 1970 TO 1986 [See headnote table 1258. N.e.c. - Not elsewhere classified]

1977 SIC <sup>1</sup> code	PRODUCT GROUP	1986		GROWTH RATE <sup>2</sup> (percent)			IMPORTS/SHIPMENTS RATIO <sup>3</sup> (percent)			
		Value (mil. dol.)	Per- cent distri- bution	1970- 1986	1980- 1986	1985- 1986	1972	1977	1982	1985
3711	Motor vehicles and car bodies	59,303	19.2	17.8	18,7	24.2	13.6	14.7	26.7	27.6
3714	Motor vehicle parts and accessories	14,191	4.6	17.0	20.3	10.9	7.6	8.3	10.5	14.4
3579	Office machines and typewriters, etc	12,992	4.2	25.7	35.6	28.8	6.6	7.3	8.0	15.5
2911	Petroleum refining	12,739	4.1	14.0	8	-30.0	7.4	8.7	7.3	9.7
3651	Radio and television receiving sets	12,359	4.0	15.4	20.4	9.1	34.9	42.4	49.5	64.2
3312	Blast furnaces and steel mills	7,887	2.6	9.3	3.0	-16.6	9.8	10.6	17.3	17.5
3674	Semiconductors and related devices	6,495	2.1	25.7	12.6	4.9	11.5	21.4	26.2	28.1
3679	Electronic components, n.e.c.	5,608	1.8	31.2	27.6	17.8	2.7	5.6	9.3	18.0
2369	Children's outerwear, n.e.c.	5,601	1.8	17.5	21.9	17.4	16.3	18.6	20.2	36.2
2621	Papermills, except building paper		1.6	10.7	8.5	3.0	15.3	14.3	13.8	16.9
3861	Photographic equipment and supplies	4,089	1.3	19.7	15.8	25.8	6.2	9.5	12.3	17.5
2599	Furniture and fixtures, n.e.c	3,993	1.3	19.9	24.3	24.1	2.7	3.7	5.5	9
3662	Radio and TV communication equipment	3,890	1.3	21.1	11.6	16.1	3.2	8.7	8.2	6.6
3339	Lead and primary nonferrous metals, n.e.c	3,589	1.2	9.2	-5.6	-6.8	32.5	38.4	39.4	51.7
3915	Jewelers' mats and lapidary work	3,460	1.1	18.7	13.4	13.2	68.6	72.6	88.2	92
3569	General industrial machinery, n.e.c	3,192	1.0	21.3	17.4	21.8	4.0	5.2	9.3	13.2
2421	Sawmills and planing mills—general	3,123	1.0	12.1	6.4	1.7	16.1	16.9	15.2	19.
3149	Footwear, except rubber, n.e.c.	3,016	1.0	35.1	19.0	24.5	31.5	62.2	82.6	92.
3079	Miscellaneous plastics products	2,959	1.0	16.5	19.2	23.1	2.2	2.2	2.8	4.0
2321	Men's and boys' shirts and nightwear	2.948	1.0	18.6	13.3	14.8	10.7	15.7	22.5	28.6
3531	Construction machinery	2,907	.9	21.1	18.8	17.6	2.7	4.0	5.1	12.3
2331	Women's and misses' blouses	2,522	.8	19.1	21.7	21.1	4.2	7.2	12.5	21.7
2819	Industrial inorganic chemicals, n.e.c	2,382	.8	14.7	3.0	-9.0	8.5	12.3	13.6	16.5
3829	Measuring and controlling devices, n.e.c	2,371	.8	19.2	18.5	20.5	4.3	4.6	6.0	9.5
3661	Telephone and telegraph apparatus	2.294	.7	26.3	33.3	4.8	2.1	1.6	5.0	11.5
3728	Aircraft equipment, n.e.c	2,253	.7	15.5	16.2	26.9	6.8	4.2	9.0	7.5

<sup>&</sup>lt;sup>1</sup> Standard Industrial Classification. <sup>2</sup> 1970–86 and 1980–86 rates are compound annual growth rates. <sup>8</sup> Ratio of Imports to new supply (product shipments plus Imports).

Source of tables 1258 and 1259: U.S. International Trade Administration, Industrial Outlook, annual.

# O. 1260. DOMESTIC EXPORTS OF MANUFACTURED PRODUCTS: 1970 TO 1986

on a f.a.s. basis. Data for all years have been adjusted to include comparable commodities in each group. Minus sign (—) indicates decrease]

	190	96		(percent)			DOUCT	XPORTS SHIPMEN Cent)	
PRODUCT	Value (mil. dol.)	Per- cent distri- bution	1970- 1986	1980- 1986	1985- 1986	1972	1977	1982	1985
facturing	172,003	100.0	10.6	.5	2.0	5.6	7.4	9.1	7.9
sble	51,590	30.0	10.9	.3	4.5	3.5	4.5	5.4	4.8
kindred products	11,250	6.5	9.8	-1.2	11.9	2.9	4.1	4.3	3.6
manufactures	1,480	.9	13.7	5.4	20.0	5.7	9.4	10.3	8.1
I products	1,653	1.0	8.5	-6.6	13.1	2.9	4.3	4.9	3.6
nd other mill products	1,178	.7	10.9	-5.0	18.9	1.2	2.2	2.4	1.8
allied products	4,479	2.6	9.1	7	15.3	4.1	4.9	5.5	4.3
nd publishing	1,298	.8	8.9	2.6	3.9	1.3	1.5	1.7	1.2
and allied products	22,562	13.1	11.6	.7	3.5	7.6	9.7	12.5	11.6
and coal products	4,228	2.5	13.8	6.8	-22.2	1.9	1.4	3.2	3.1
nd plastics products	2,941	1.7	11.8	1.6	6.4	3.1	4.0	4.8	3.9
nd leather products	520	.3	14.0	.3	8.9	1.8	3.8	5.7	6.1
ile	120,412	70.0	10.5	.6	.9	7.4	10.0	13.0	10.8
nd wood products	3,018	1.8	9.6	-3.3	13.1	4.1	5.8	7.2	5.3
and fixtures	466	.3	15.3	.5	-3.5	.6	1.5	2.5	1.6
y, and glass products	1,723	1.0	8.8	-1.8	-3.8	2.4	3.4	4.3	3.4
etal industries		2.1	2.9	-13.8	-6.1	2.8	3.0	5.0	3.7
metal products	5,542	3.2	7.9	-3.3	-3.9	3.9	5.6	6.6	4.7
, except electrical	36,358	21.1	10.1	7	-3.0	14.9	19.5	23.3	20.1
and electronic equipment	20,415	11.9	13.3	3.7	8.0	6.7	10.6	12.7	10.1
ation equipment		22.1	11.5	4.4	1	9.2	11.6	15.6	13.0
ts and related products	9,237	5.4	11.8	3.1	7.1	12.6	16.6	17.4	15.5
ous manufacturing industries	2,081	1.2	9.2	-5.3	17.3	7.6	9.4	9.5	8.1

<sup>&</sup>lt;sup>1</sup> Standard Industrial Classification. <sup>2</sup> See footnote 2, table 1258.

# DOMESTIC EXPORTS FOR 25-LEADING 4-DIGIT SIC PRODUCT GROUPS: 1970 TO 1986 [See headnote, table 1260. N.E.C.=Not elecwhere classified]

	19	86		(percent)		EXPO	(per	MENTS cent)	RATIO
PRODUCT GROUP	Value (mil. dol.)	Per- cent distri- bution	1970- 1986	1980- 1986	1985- 1986	1972	1977	1982	198
computing equipment	14,443	8.4	16.6	11.6	4.7	21.9	25.8	25.8	27.6
icles and car bodies	9,757	5.7	11.8	6.1	2	5.2	8.1	8.9	7.7
	8.868	5.2	9.8	6	1.9	28.0	31.9	29.9	27.8
icle parts and accessories	8,280	4.8	10.6	5.9	-11.0	11.3	11.8	16.5	14.5
uipment, n.e.c	6,111	3.6	14.9	9.4	9.5	26.3	33.7	40.8	32
organic chemicals, n.e.c	4,878	2.8	12.6	1.6	7.9	10.2	10.3	16.4	16.
uctors and related devices	4.870	2.8	16.6	5.9	14.9	19.9	32.9	33.9	27.8
refining	3.825	2.2	14.1	8.8	-24.1	1.7	1.2	3.1	3.0
gines and engine parts	3,217	1.9	14.1	11.4	9.7	15.9	16.9	19.8	20.6
TV communication equipment	3,215	1.9	12.0	7.2	1.6	7.0	11.0	8.7	6.9
on machinery	2.988	1.7	4.3	-12.5	-13.1	28.4	33.5	45.6	29.
aterials and resins	2.805	1.6	12.3	.6	14.2	9.8	8.7	14.0	11.4
norganic chemicals, n.e.c	2,802	1.6	11.5	2.8	2.1	17.5	19.8	25.8	27.5
achinery	2,509	1.5	14.0	-4.3	- 19.6	45.2	42.8	53.9	64.7
ng plants	2,418	1.4	13.7	8.5	21.1	2.8	5.3	5.1	6.
ous plastics products	2,353	1.4	12.3	4.0	9.5	3.5	4.1	4.7	3.8
dustrial machinery, n.e.c	2,311	1.3	9.1	3	-9.5	21.4	34.0	24.6	23.3
hic equipment and supplies	2.232	1.3	10.6	-1.2	10.8	11.8	15.6	15.9	13.5
components, n.e.c	2,210	1.3	14.7	6.4	16.2	10.4	12.8	12.7	9.7
ombustion engines, n.e.c	2,049	1.2	9.7	-2.3	-9.8	15.2	15.7	26.1	20.
c fertilizers	1,962	1.1	15.9	-7.2	-25.9	10.7	11.1	25.7	28.2
des and intermediates	1,948	1.1	11.5	.9	3.5	13.1	16.1	19.6	21.1
and botanicals	1.815	1.1	12.2	7.8	23.9	43.0	46.5	34.4	43.8
ts to measure electricity	1,795	1.0	12.7	5.2	1.0	19.5	23.3	27.5	24.5
	1,737	1.0	8.3	1	21.7	33.4	37.5	40.9	39.3
oil mills	1,468	.9	7.0	-6.9	22.4	20.7	21.7	25.1	16.3

strial Classification. \* See footnote 2, table 1258.

e 1260 and 1261: U.S. International Trade Administration, Industrial Outlook, annual.

No. 1262. BEVERAGE INDUSTRY-SUMMARY: 1970 TO 1985

	YEAR AND ITEM	Unit	Total	Malt bever- ages	Melt	Wine, brandy, brandy spirits	Distilled liquor, exc. brandy	Soft drinks (bot- tied, canned)	Flevoring, extracts, sirups
1970:	Employees Payroli Value added by manufacture	MII. dol MII. dol	228 1,984 6,144 12,373	57 618 2,028 3,822	2 19 56 210	9 71 258 591	21 171 867 1,758	129 916 2,121 4,631	11 91 792 1,361
1900:	Employees Payrol Value added by manufacture	MII. dol	3,646	43 1,122 3,639 9,362	2 40 162 680	11 191 811 2,189	14 253 1,649 3,369	118 1,860 5,348 13,909	11 191 1,698 3,513
1962:	Employees	MII. dol MII. Dol	195 4,237 16,684 38,786	43 1,306 4,535 11,195	2 43 166 662	12 245 997 2,763	12 257 1,460 3,072	114 2,146 6,856 16,836	12 238 2,670 4,238
1964:	Employees Payrol Value added by manufacture Value of shipments	MII. dol MII. dol	188 4,480 16,298 41,181	39 1,314 5,394 11,868	2 45 162 587	12 274 1,081 2,665	11 258 1,665 3,406	110 2,263 7,142 18,052	11 277 2,825 4,574
1980:	Employees Payroli Value added by manufacture Value of shipments	Mil. dol Mil. dol	183 4,624 19,293 43,243	40 1,358 5,661 12,216	2 44 162 571	13 297 1,063 2,763	10 266 1,691 3,495	106 2,345 7,587 19,358	12 314 3,106 4,840

Source: U.S. Bureau of the Census, Annual Survey of Manufactures and Census of Manufactures, 1982.

# No. 1263. ALCOHOLIC BEVERAGES-SUMMARY: 1970 TO 1986

[For flecal years ending in year shown: see text, section 9. Includes Puerto Rico. Excludes imports. See Historical Statistics, Colonial Times to 1970, series P 235 for beer production, and P 236a for detitled spirits]

ITEM	Unit	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
Beer: Breweries operated	Number	154	117	86	86	92	82	92	96	103	103
Production	Mil. bbl. 1	135	158	184	193	195	194	196	193	194	194
Imports (Incl. ale, etc.) 2	Mil. bbl. 1	(NA)	1.7	4.1	4.6	5.2	5.8	6.3	7.2	(NA)	(NA)
2082) 3	Mil. dol	3.822	5.641	8.353	9.362	10,179	11,183	11,798	11,868	12,216	(NA)
Tax-paid withdrawals	Mil. bbl. 1	123	147	167	172	177	176	178	176	175	177
Stocks on hand, June 30	Mil. bbl. 1	15	14	14	15	14	14	15	14	14	14
Per capita consumption 4	Gallons	28.6	32.8	34.0	34.9	35.6	33.4	33.0	32.B	(NA)	(NA)
Of domestic output	Gallons	28.4	32.4	33.1	34.0	34.5	32.0	31.7	31.5	(NA)	(NA)
Distilled spirits:	J 37.	F.18			100	100	17714		100	100	57
Production facilities operated	Number	140	115	135	143	114	121	121	112	117	117
Warehouses operated	Number	274	241	210	200	198	202	193	202	214	216
Production, total a	Mil. tax gal."	DEE	278	246	236	259	217	181	134	117	102
Whisky	Mil. tax gal.4	400	50	104	87	90	96	80	77	65	54
Imports 4	Mil. tax gal.ª	00.0	113.5	123.6	90.7	117.9	106.0	116.4	117.7	(NA)	(NA)
Tax-paid withdrawals, total 7	Mil. tax gal.ª	050	295	318	330	321	312	306	301	306	265
Whisky	Mil. tax gal.ª	112	137	125	42	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Stocks on hand, June 30.	Time had guest amount		101	12.0	-	hard	1.00	the d	404	1.44	100
lotal 6	Mil. tax gal.6	1,091	836	659	696	691	654	640	636	588	546
Whisky	Mil. tax gal.6	960	780	596	566	544	540	523	490	467	445
Bottled for consumption.			1.00	-		-			100		
total	Mil. wine gal.*	312	357	379	392	388	375	377	368	371	328
Whisky	Mil. wine gal.*		182	166	165	162	153	154	142	138	121
Per capita 4	Wine gal.	2.61	2.49	2.70	2.90	2.84	2.62	2.71	2.83	(NA)	(NA)
Of domestic output	Wine gal.	1.91	1.75	1.96	2.00	2.02	1.80	1.79	1.80	(NA)	(NA)
Still wines: Production *	Mil. wine gal."	713	782	739	982	901	546	813	684	622	667
Imports 2	Mil. wine gal."	22.4	40.3	81.0	90.7	101.1	107.5	58.6	58.8	(NA)	(NA)
Tax-paid withdrawals 10	Mil. wine gal."	00.4	287	326	340	363	365	367	376	414	438
Stocks on hand, June 30 11	Mil. wine gal.*		325	485	486	602	519	596	577	602	601
Per capita 4	Wine gal.	1.70	2.20	2.60	2.65	2.68	2.81	2.82	2.83	(NA)	(NA)
Of domestic output	Wine gal.4	1.52	1.96	2.02	2.02	2.02	2.14	2.10	2.08	(NA)	(NA)
Effervescent wines: 12	THE RESERVE	1.0	200	100	1.7	1000	1	53	PC V	100	1
Production	Mil. wine gal."	20.0	18.0	24.4	26.8	31.2	30.6	36.6	34.6	32.0	31.8
Imports *	Mil. wine gal."	2.0	2.1	5.0	5.2	7.9	8.7	11.4	15.7	(NA)	(NA)
Tax-paid withdrawals	Mil. wine gal."	47.4	17.6	22.1	24.1	27.0	26.5	31.7	31.9	30.9	31.3
Stocks on hand, June 30	Mil. wine gal.	8.1	9.0	12.1	11.9	14.4	17.6	21.5	20.5	21.3	17.1
Per capita *	Wine gal.	.15	13	.15	.17	.19	.22	.22	21	(NA)	(NA)
Of domestic output	Wine gal.	13	.12	.12	.12	14	17	.17	.17	(NA)	(NA)

NA Not available. 

1 Barrels of 31 wine gallons (see footnote 7).

2 Source: U.S. Bureau of the Census, Imports for Consumption, General Imports, FT 248.

2 Source: U.S. Bureau of the Census, Census of Manufactures, 1977 and 1982, and Annual Survey of Manufactures,

4 Source: U.S. Dept. of Commerce, International Trade Administration. Based on U.S. Bureau of the Census setimated population 18 years old and over, as of July 1, including Armed Forces abroad.

5 Excludes alcohol produced for Industrial use.

4 A tax gallon for spirits of 100 proof or over is equivalent to the proof gallon; for spirits of less than 100 proof to the wine gallon. (See footnote 8.) A proof gallon is the alcoholole survivalent to the proof gallon; for spirits of less 102 proof of the little of U.S. gallon equivalent to the volume of 231 cubic inches.

5 Production represents total amount removed from ferments, including datelling material, and includes increase after fermentation (by emistoration, sweetening, and addition of wine spirits). In 1975, 358 million gallons of distilling materials were produced; 1977, 347 million gall; 1978, 258 mill. gal; 1980, 148 mill. gal; 1981, 1384 mill. gal; 1981, 1384 mill. gal; 1983, 223 mill. gal; 1984, 169 mill. gal; 1985, 148 mill. gal; and 1986, 148 mill. gal; 1981, 1384 millions abstract.

12 Excludes distilling materials.

13 Includes champagns, other effertweecent wines, and artificially carbonated wines.

Source: Except as noted, U.S. Bureau of Alcohol, Tobacco, and Finerma, Alcohol and Tobacco Summery Statistics, annual.

### No. 1264. FOOD MANUFACTURING INDUSTRY—SUMMARY: 1970 TO 1986

: manufacturers of food and kindred products (Standard Industrial Classification Code 20); based on various editions of the Standard Industrial Classification Manual, see text, section 13

ITEM	Unit	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
nployees 1	1,000	1,786	1,658	1,733	1,708	1,671	1,636	1,615	1,612	1,603	1,617
ction workers	1,000	1,207	1,120	1,191	1,175	1,150	1,126	1,114	1,120	1,118	1,136
, hourly earnings, prod. workers	Dollars	3.16	4.61	6.27	6.85	7.44	7.92	8.19	8.39	8.57	8.74
and wages	Bil. dol	11.7	15.9	21.7	23.2	24.7	26.1	26.6	27.4	28.1	(NA)
ided by manufacture *	Bil. dol	32.3	48.1	68.7	75.5	80.8	88.4	93.4	98.0	104.1	(NA)
shipments a	Bil. dol	98.5	172.2	236.0	256.2	272.1	280.5	287.1	300.0	301.6	(NA)
sets	Bil. dol	23.8	33.0	44.6	48.6	48.8	58.6	61.5	64.6	69.6	(NA)
expenditures, new 4	Bil. dol	2.1	3.4	5.0	5.8	6.0	6.7	5.8	6.4	7.0	(NA)
te profits before taxes 5	Bil. dol	4.8	8.8	11.5	13.0	14.3	13.3	14.8	15.5	20.9	21.1
te profits after taxes 5	Bil. dol	2.6	5.2	7.3	8.2	9.1	8.4	9.4	9.8	12.8	13.3
of profits to stockholders' equity "	Percent	10.8	14.4	14.7	14.7	14.0	13.0	12.2	13.3	15.3	16.2
per dollar of sales	Cents	2.5	3.2	3.3	3.4	3.2	3.1	3.3	3.3	4.1	4.2

tot available. ¹ Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly. ² See footnote 7, table ² See footnote 8, table 1241. ⁴ Includes expenditures for plants in operation and plants under construction but not yet stion. \* Source: Through 1981, U.S. Federal Trade Commission, thereafter U.S. Bureau of the Census, *Quarterly I Report for Manufacturing, Mining and Trade Corporations*. Data are not necessarily comparable from year to year due to in accounting procedures, industry classifications, sampling procedures, etc.; for detail, see source. \* Return on equity r tax profit rates are averages of quarterly figures at annual rates.

### No. 1265, Tobacco Manufactures Industry—Summary: 1972 to 1965

llions of dollars, except as indicated. Represents Standard Industrial Classification Code 21. Includes cigarettes, cigars, chewing and smoking tobacco, and tobacco stemming and rednying]

ITEM	1972	1977	1979	1986	1981	1982	1962	1984	1986
	Ceneus	Ceneus	ASM	ASM	ASM	Ceneus	ASM	ASM	ASM
oyee: er (1,000) 1. sted by manufacture materials. shipments. sital expenditures.	502 2,637 3,281 5,920	60.6 751 4,334 4,730 9,051 182	58.6 906 5,343 5,240 10,601 237	58.0 1,045 6,146 6,091 12,195 367	61.1 1,219 6,430 6,691 13,130 726	57.9 1,324 8,965 7,099 16,061 697	54.8 1,356 9,642 6,541 16,252 649	51.7 1,354 10,787 6,683 17,440 670	49.2 1,369 11,894 6,626 16,507 669

E. U.S. Bureau of the Census, Census of Manufactures, 1972, 1977, and 1982; and Annual Survey of Manufactures.

### No. 1266, Tobacco Products-Production and Consumption: 1970 to 1986

ion data are for years ending June 30. Excludes cigars produced in customs bonded manufacturing warehouses. See also Historical Statistics. Colonial Times to 1970, series P 239-241]

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
n: les 1	Billions Billions Mil. lb	562 8.0 164	627 8.3 155	673 5.8 155	688 5.6 156	707 5.1 156	702 4.9 163	744 5.0 162	711 4.5 160	668 4.3 159	657 4.5 159	665 4.2 155	652 3.8 144
lucts ettes 5 5	1,000 Number Lb.*	9.6 4.0 60 .83	9.1 4.1 39 .72	8.5 4.1 33 .70	8.1 4.0 30 .68	8.3 3.9 27 .69	8.0 3.8 25 .69	7.6 3.8 23 .64	7.5 3.7 22 .65	7.2 3.5 22 .64	6.9 3.5 20 .63	6.8 3.4 18 .61	6.6 3.3 17 .76

and small. Source: U.S. Bureau of Alcohol, Tobacco, and Firearms, *Alcohol and Tobacco Summary Statistics*, annual. ng and chewing tobaccos and anuff. Source: U.S. Dept. of Agriculture, Agricultural Marketing Service, *Manufacture and Snuff, Smoking, and Chewing Tobacco*, quarterly.

<sup>a</sup> Based on U.S. Bureau of the Census estimated population 18 and over, as of July 1, including Armed Forces abroad.

<sup>a</sup> Unstammed processing weight equivalent.

<sup>a</sup> Weighing and per 1,000.

Except as noted, U.S. Dept. of Agriculture, Economic Research Service, Tobacco Situation, quarterly.

#### NO. 1267. MILL CONSUMPTION OF NATURAL FIBERS: 1970 TO 1986

I million of pounds. See Historical Statistics, Colonial Times to 1970, series P 229 and P 230, for wool and silk]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986, prel.
ij <sup>1</sup>	3,854	3,027	3,414	3,170 108	3,041	3,077	3,036	2,715	2,488 116	2,808	2,716 142	2,813 117	3,256 145
	6 2	3	3	3 2	2	5	1	2	8	5	1	1	1

id by U.S. Bureau of the Census. For American cotton, tare as reported by Crop Reporting Board is deducted. For lon, 20 pounds deducted. 

<sup>3</sup> Reported by U.S. Bureau of the Census. Excludes consumption in cotton and other stems and consumption in betting and felt manufacture.

U.S. Dept. of Agriculture, Economic Research Service, Cotton and Wool Outlook and Situation, April 1986.

e: Except as noted, U.S. Bureau of the Census, 1982 Census of Manufactures, and Annual Survey of Manufactures.

# No. 1263. COTTON, WOOL, AND MANMADE FIBERS—QUANTITY AND DISTRIBUTION IN SELECTED **CONSUMER PRODUCTS: 1980 TO 1985**

[Represents products manufactured by U.S. mills]

		CO1	TON	w	DOL			MAN-MA	DE FIBERS	3	
	Total							Cellu	losic <sup>1</sup>	Non-cell	uloeic <sup>2</sup>
END-USE AND YEAR		Total (mil. lb.)	Per- cent end- use	Total (mil. lb.)	Per- cent end- use	Total (mil. lb.)	Per- cent end- use	Total (mil. ib.)	Per- cent end- use	Total (Ib.)	Per- cent end- use
Total: 1680	12,111 11,855 10,537 12,419 12,436 11,430	3,125 2,909 2,725 2,931 2,934 3,055	25.8 24.5 25.9 23.6 23.6 26.7	169 194 169 204 232 195	1.4 1.7 1.6 1.6 1.9	8,817 8,752 7,643 9,284 9,270 8,180	72.8 73.8 72.5 74.8 74.5 71.6	748 724 529 576 576 542	6.2 6.1 5.0 4.7 4.6 4.8	8,089 8,028 7,114 8,708 8,694 * 7,836	66.6 67.7 67.5 70.1 69.6
Apparet: 1980	4,728 4,496 4,077 4,586 4,305 4,248	1,652 1,595 1,557 1,646 1,624 1,708	35.0 35.5 36.2 36.0 37.7 40.3	125 148 127 153 172 142	2.6 3.3 3.1 3.4 4.0 3.3	2,951 2,752 2,393 2,767 2,509 2,396	62.4 61.2 58.7 60.6 58.3 56.4	298 309 211 229 239 209	6.3 6.9 5.2 5.0 5.6 4.9	2,663 2,443 2,182 2,836 2,270 2,187	56.1 54.3 53.5 55.6 52.7
Home furnishings: 1990. 1981. 1982. 1983. 1984.	3,522 3,144	802 744 676 812 851 880	22.0 21.1 21.5 20.6 20.7 20.1	26 29 26 32 35 30	.7 .9 .9 .8 .8	2,828 2,749 2,442 3,106 3,226 3,487	77.3 78.0 77.8 78.6 78.5 79.2	170 156 104 134 135 126	4.6 4.4 3.3 3.4 3.3 2.9	2,656 2,593 2,336 2,972 3,091 *3,341	72.7 73.6 74.1 75.2 75.2
Industrial: 4 1880	3,109 3,348	412 404 377 382 375 369	13.2 12.1 12.7 10.5 10.0 14.5	11 12 10 14 21 13	.3 .3 .4 .6 .5	2,686 2,932 2,593 3,227 3,344 2,107	86.5 87.6 67.0 88.1 69.4 85.0	249 231 195 196 187 190	8.0 6.9 6.5 5.4 5.0 7.7	2,437 2,701 2,398 3,031 3,157 3,157	78.5 80.7 80.5 83.7 84.4

<sup>&</sup>lt;sup>1</sup> Rayon and acetate. <sup>2</sup> Nylon, polyester, scrylic, clefin, seren, spandex, and textile glass, except as noted. textile glass. <sup>4</sup> Includes consumer-type products, <sup>a</sup> Excludes

No. 1269, FILAMENT YARN AND STAPLE AND TOW SHIPMENTS AND TRADE: 1960 TO 1965 (In millions of pounds)

SHIPMENTS	1980	1984	1985	TRADE	1980	1964	1995
Filement yern, total 1				Exports, total	617.5	279.5	330
		1,438.1	1,417.4	Man-made fibers	351.8	190.9	209.
Polyecter	1,393.4	1,144.9	1,204.2	Cellulosic	30.6	15.5	16.
Oleifin	611.7	725.6	937.6	Yem	20.0	9.4	9.0
		1	ł	Staple	10.8	6.1	6.0
Staple and tow, total 1	3,873.2	3,878.6	3,800.6	Noncellulosic	321.0	175.4	193.
Nylon		614.4	830.3	Yen	141.0	73.0	75.1
Acrylic and modecrylic		446.7	458.7	Stacle	180.0	102.4	117.
Polyecter	2.071.0	1.992.2	1.872.7	Cotton	250.3	84.5	108.0
,		.,	.,	Wool	6.4	4.1	10.1

<sup>1</sup> Includes Items not shown separately.
Source of tables 1268 and 1269: Textile Economics Bureau, Inc., Roseland, NJ, *Taxtile Organon*, monthly. (Copyright.)

No. 1270. U.S. Exports and Imports of Textiles and Apparel Products: 1980 to 1986

(in millions of dollars. Excludes glass fibers, lincleum, rubber and leather apparel and clothing donated for charity. Minus sign (-) indicates deficit)

PRODUCT	1980	1905	1986	PRODUCT	1905	1983	1996
Exports. Textile mill products. Yarn and thread. Cotten broad woven fabric. Other broad woven and knit fabric.	3,457 642 546	2,712 2,112 569 203	3,074 2,347 431 301 500	Imports Textile mili products Yarn and thread Cotton broad woven fabric Other broad woven and lonit fabric Narrow fabric	2,372 188 433 784	18,300 4,714 506 837 1,363 93	21,363 5,517 636 1,006 1,540
Narrow fabric	709	180 284 222 197	154 517 233 211	Special fabric	263 5,767	361 1,019 545 13,595 —15,697	301 1,211 630 16,830

Source: U.S. Bureau of the Ceneus, U.S. General Imports, Schedule A Commodity by Country, Report FT136, and U.S. Esparts, thesists E Commodity by Country, Report FT410, monithly.

### No. 1271. MALE AND FEMALE CLOTHING-PRODUCTION: 1970 TO 1985

nillions of units, except as indicated. See also *Historical Statistics, Colonial Times to 1970*, series P 242 and 2431

ITEM	1970	1980	1983	1984	1985	ITEM	1970	1980	1983	1984	1985
CLOTHING  s 1  g 2  coupers (men's)  costs 3  rts, men's 1 (mil.  cks  s (incl. flannels)	17.7 4.7 173.6 16.1 20.8 123.6	14.6 3.4 125.1 17.9 13.1 89.0 242.7	10.9 2.8 113.0 21.1 10.4 57.5 184.8 2.9	12.5 2.9 123.0 22.3 11.2 54.7 202.1 3.6	12.4 2.4 116.4 20.0 11.2 49.8 208.5	FEMALE CLOTHING Blouses and shirts (mil. doz.)	13.3 251 8.8 113.0 83.1 17.0 4.7 5.3 4.0	25.6 176 17.6 159.8 98.2 96.9 17.0 4.1 10.0	25.2 164 13.4 173.2 94.4 101.5 12.0 6.1 14.5	22.0 162 11.3 162.0 88.9 97.5 11.9 6.6 13.5	21.2 152 11.0 157.5 85.0 93.6 11.1

ing 1980, excludes leisure suits. 

<sup>8</sup> Includes uniform suits and coats. 

<sup>8</sup> Includes men's and boys' coats. Beginning udes leisure coats. 

<sup>9</sup> Reginning 1980, Includes knit and woven dress and woven sport. 

<sup>9</sup> Beginning 1980, Includes pant suits. 

<sup>7</sup> Beginning 1983 includes blouses.

U.S. Bureau of the Census, Current Industrial Reports, series MA-23E, MA-23F, and MA-23G.

#### No. 1272, Nonrubber Footwear-Summary: 1970 to 1985

one of pairs, except as indicated. See Historical Statistics, Colonial Times to 1970, series P 260-261, for men's and women's shoel)

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985, prel.
arent consumption, shoes and slippers	801.7 562.3 .4 2.9	727.9 413.1 1.1 3.1	745.7 391.1 1.3 1 3.7	787.7 418.9 1.7 3.8		745.1 396.9 1.6 4.7	729.8 372.0 2.6 4.5	829.7 359.1 2.2 4.8	911.9 339.2 2.2 4.8	1,020.1 303.2 2.9 4.0	1,096.8 265.5 4.3 4.0
sandals, playshoes (produc-	460.8 241.5 30.1	339.1 319.4 43.9	332.0 360.0 48.3	335.6 375.7 47.7	320.6 443.6 53.3	323.5 403.5 51.6	302.2 369.0 50.6	305.1 479.5 57.8	281.5 580.2 63.6	243.8 725.8 71.1	211.1 842.6 76.8

r. U.S. Bureau of the Census, Census of Manufactures, 1977. <sup>2</sup> Beginning 1980, includes items not shown separately. Except as noted, U.S. Bureau of the Census, Current Industrial Reports, series M31A.

### No. 1273. CHEMICALS AND ALLIED PRODUCTS—INDUSTRY SUMMARY: 1972 TO 1985

[In millions of dollars, except as noted]

ITEM	1972	1975	1977	1979	1980	1961	1902	1965	1984	1980
nt, total (1,000)	837	842	880	895	910	892	873	851	643	820
d wages		11.227	13,839	16,518	18,269	19,723	20,836	21,411	22,665	23,345
workers (1,000)		510	544	552	545	533	509	498	491	47
(million)		1.001	1.090	1,106	1,080	1.067	1.094	981	979	95
	32.414	44.976	56,721	70.358	74,384	80,032	77.315	66,473	94,728	95,25
ipments 1	57.350	89.721	116,154	147,674	162.517	180,459	170,737	163,206	198,233	197.31
J			65,300	76,148	82,112	88,769	95,125		106.331	111.94
	293	453	513	542	597	859	644	734	779	76
9 2	4,183	8,655	10,700	17,468	21,094	21.860	20.021	19,666	22,249	21.79
, 3	1.749	3.096	4.414	6.035	6,991	7.855	7,600	9,333	11,927	12.70

products and services sold by 28 group industries. U.S. International Trade Administration, U.S. Industrial Outlook, , annual.

xcept as noted, U.S. Bureau of the Census, Consus of Manufactures, 1972, 1977, and 1982; and Annual Survey of

#### No. 1274. Rubber-New Supply, Distribution, and Stocks: 1970 to 1985

de of long tone. Natural rubber refers to dry weights of all types, including liquid later, guayule, etc. Synthetic SBR (including weight of oil content), neoprene, butyl, butadiene-acrylonitrile, polyleobutylene, chlorosulfonated re, and polysulfide, elicone, acrylic, stereo, and fluorocarbon rubbers. Reclaimed comprises both netural and synthetic]

TEM	1970	1975	1979	1977	1976	1979	1980	1931	1982	1982	1984	1905
roduction 1		2,826 2,077	3,332 2,498	2,557 2,600	3,772 2,830	3,016 2,669	3,137 2,294	3,147 2,277	2,649 1,861	3,308 2,030	3,308 2,248	3,057 1,983 1,932
***************************************	2,197 644 550	1,958 749 656	2,367 836 714	2,481 967 793	2,706 943 771	2,764 927 768	2,209 843 660	2,190 670 700	1,786 786 640	1,966 960 766	2,177 1,080 793	1,084 779 346
of year 1	324 299 345	250 226 638	261 642	275 262 362	202 264 905	437 416 370	404 472 275	303 250	326 226	200 200 200	302 376 345	343 237

<sup>3</sup> Natural, synthetic and reclaimed. scialmed and synthetic.

<sup>.</sup> Bureau of the Conous, Current Industrial Reports, series MA-30A.

# No. 1275, IRON AND STEEL INDUSTRY-SUMMARY: 1970 TO 1986

[The universe for financial data for 1982 represents companies who produced 82 percent of the reported raw steel production. The financial data represents the operations of the steel segment of companies. Minus sign (--) indicates not loss]

ITEM	Unit	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
Steel mill products, apparent supply	Mil. tons 1	97.1	89.0	115.0	95.2	105.4	76.4	83.5	98.9	96.4	90.0
Net shipments	Mil. tons 1	90.8	80.0	100.3	83.9	88.5	61.6	67.6	73.7	73.0	70.3
Exports	Mil. tons 1	7.1	3.0	2.8	4.1	2.9	1.8	1.2	1.0	1.0	1.0
Imports		13.4	12.0	17.5	15.5	19.9	16.7	17.1	26.2	24.3	20.7
Percent of total supply	Percent	13.8	13.5	15.2	16.3	18.9	21.8	20.5	26.4	25.2	23.0
Japan		(NA)	6.6	5.5	6.3	5.9	6.8	5.1	6.7	6.2	4.9
EEC *		(NA)	4.6	4.7	4.1	6.1	7.3	4.9	6.4	7.2	7.3
Canada		(NA)	1.1	2.0	2.5	2.7	2.4	2.9	3.2	3.0	3.6
Scrap consumed		69.3	62.8	77.2	66.6	68.3	43.7	49.0	51.8	53.2	49.4
Scrap produced		46.4	40.1	45.4	36.9	38.4	23.5	23.9	29.5	(NA)	(NA)
Scrap inventory		6.5	7.6	7.4	6.9	7.1	5.5	5.0	4.4	4.0	3.4
Iron and steel products: Exports		8.1	4.1	3.8	5.1	3.8	2.6	1.8	1.7	1.6	1.5
Imports	Mil. tons 1	14.6	13.9	20.3	17.9	22.6	18.8	19.3	29.5	27.6	24.2
Revenue	Bil. dol	1	100	1 40.8	37.7	43.8	28.7	25.0	30.3	28.4	25.0
Net income				.8	.7	1.7	-3.4	-2.2	-(z)	-1.8	-4.2
Stockholders' equity	Bil. dol			14.3	14.5	15.4	11.3	8.2	9.4	6.9	2.7
Total assets	Bil. dol	(NA)	(NA)	29.3	30.8	31.7	27.9	25.5	26.2	24.0	21.0
Net fixed assets	Bil. dol	1000	(un)	16.8	17.7	18.2	17.8	15.9	16.6	15.7	13.4
Capital expenditures	Bil. dol.			2.5	2.7	2.4	2.3	1.9	1.2	1.6	.9
Working capital ratio 1	Ratio			1.7	1.6	1.7	1.5	1.3	1.4	1.3	1.6
Inventories	Bil. dol	1		5.0	4.7	5.4	4.0	3.3	4.2	3.5	3.0
Average employment	1,000	531	457	453	399	391	289	243	236	208	175
Hours worked	Million	1,220	855	894	758	753	526	475	474	419	356
index of output, all employees 4		88	93	107	103	112	91	116	131	139	137
Capacity by steelmaking process	Mil. net tons	(NA)	153.1	155,3	153.7	154.3	154.0	150,6	135.3	133.6	128
Producer price indexes: 5		0.00	1000	12.5	1000	1	1000	100	A-11-0	11,700.1	1 22
Iron and steel, total	1967 = 100	115.1	200.9	283.5	305.2	333.8	339.0	343.4	356.9	355.3	(NA)
Steel mill products	1967 = 100		197.2	280.4	302.7	337.6	349.5	352.8	366.0	366.1	(NA)
Blast and electric furnace products	1967 = 100		264.7	296.7	307.4	316.2	316.6	309,3	308.2	302.6	(NA)
Iron ore		100.1	154.3	216.7	244,8	268.4	278.7	282.1	282.1	271.7	(NA)
Scrap, iron and steel	1967 = 100		245.6	341.9	328.1	327,4	232.9	250.1	288.1	262.3	(NA)
Foundry and forge shop products	1967 = 100	112.1	194.3	277.1	310.0	329.8	345.5	351.1	360.6	363.4	(NA)

NA Not available. Z Less then \$50 million. ¹ In millions of short tons. ² European Economic Community; includes Belgium, Danmark, France, West Germany, Ireland, Italy, Luxembourg, The Netherlands, and the United Kingdom. ² Current seets to current liabilities. ⁴ Index of output per employee hour. ² Source: U.S. Bureau of Labor Statistics, *Producer Price Indexes*, monthly and annual.

Source: Except as noted, American Iron and Steel Institute, Washington, DC, Annual Statistical Report. (Copyright.)

### No. 1270, MILL AND FOUNDRY PRODUCTS-SHIPMENTS: 1970 TO 1986

ПЕМ	1970	1975	1985	1901	1902	1963	1984	1985	1995
Ferrous castings (1,000 sh. tons): 1									
Gray iron castings * * 4		13,326	11,799	11,801	6,215	9,247	10,520	8,701	7,107
Pressure pipe and fittings		1,380	1,396	1,249	1,100	1,269	1,536	1,535	1,361
Soil pipe and fittings	. 953	449	375	410	353	368	393	376	354
All other	11,301	11,499	10,028	10,142	6,762	6,049	6,589	6,790	5,372
Malleable iron castings 3	. 652	770	450	422	284	291	380	376	460
For sale	. 521	484	206	200	119	96	180	198	153
For own use	. 331	286	244	222	166	193	200	178	316
Standard maileable	. 828	534	312	291	191	191	241	233	226
Pearitic malleable	224	236	138	129	94	100	139	143	243
Steel castings <sup>3 3</sup>	. 1,724	2,026	1,878	1,743	1,017	729	940	939	875
Carbon	1,147	1,758	1,225	1,102	600	420	581	573	520
Alloy	577	266	653	641	408	309	350	368	355
Nonferrous castings (1,000 sh. tons): * *	ł	ı				ł	ł		
Copper and copper-base alloy	391	315	265	263	222	249	252	235	239
Aluminum and aluminum-base alloy		728	845	910	803	949	1,116	1,114	1,138
Zinc and zinc-base alloy	396	356	243	236	208	245	272	255	248
Magneeium and magneeium-base alloy	18	19	13	11	9	13	14	12	20
Leed and leed-base alloy die	28	21	23	19	19	26	25	23	26
Copper-based products (mil. lb.)	5,624	4,715	5,820	6,966	4,774	4,827	5,263	4,857	4,000
Brass mill products		2,025	2,467	2,822	2,014	2,116	2,717	2,363	2,318
Alloyed 4	1,542	1,324	1,508	1,695	1,247	1,245	1,661	1,366	1,350
Unalloyed	971	701	959	927	767	871	1,056	997	950
Copper wire mill products *	2,329	2,056	2,783	2,767	2,316	2,213	2,062	1,824	1,792
Brass and bronze foundry products	782	631	570	586	444	498	504	470	478
Aluminum mill products (mil. lb.) "	7,308	7,427	10,486	10,329	9,116	10,624	11,076	11,002	11,418
Plate, sheet, and foil	4,247	4,664	6,692	6,829	6,060	7,171	7,195	7,255	7,490
Extruded shapes and tubing	1,823	1,643	2,329	2,104	1,981	1,960	2,583	2,794	2,944
Rolled structural shapes, rod, ber, cable *	983	924	1,213	1,150	862	936	995	787	744
Powder, flake and paste	205	99	117	108	80	79	99	107	96
Forgings and impacts		97	134	139	10 152	173	10 204	149	144

<sup>Based on a sample of foundries.

Beginning 1975, data not strictly comparable with 1970.

Includes ductile (nodular) iron castings.

Excludes lead die castings for battery plates and parts.

Excludes webbing scrap (military ammunition cups and discs).

Copper content.

Producers' net shipments consist of total shipments less shipments to other metal mills for further fabrication into other forms of mill products.

Includes wire.</sup> 

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MS3-2, MS3A, MS3E, and U.S. Bureau of the Census and U.S. International Trade Administration, *Current Industrial Reports*, series ITA-9008, annual.

# 277. RAW STEEL, PIG IRON AND FERROALLOYS PRODUCTION: 1970 TO 1986

Illiana, except percent. See also Historical Statistics, Colonial Times to 1970, series P 265-269)

	1970	1975	1977	1978	1975	1905	1961	1963	1983	1984	1985	1980
ions)												
	654.2	712.0	741.8	790.6	824.5	790.4	779.4	710.7	730.9	782.2	791.6	764.8
	131.5	116.6	125.3	137.0	136.3	111.8	120.8	74.6	84.6	92.5	66.3	81.6
1	20.1	16.4	16.9	17.3	18.5	14.2	15.5	10.5	11.6	11.8	11.1	10.4
×000	63.3	71.8	77.4	83.5	83.3	67.6	73.2	45.3	52.1	52.8	51.9	47.9
	20.2	22.7	27.9	32.2	33.9	31.2	34.1	23.2	26.6	31.4	29.9	30.4
	48.0	22.2	20.0	21.3	19.1	13.0	13.5	6.1	5.9	8.3	6.4	3.3
	117.4	100.4	106.1	116.9	116.2	94.7	101.5	84.1	73.8	79.9	76.7	71.4
B	14.1	16.3	17.2	20.1	20.1	17.1	19.3	10.5	10.8	12.6	11.6	10.2
roelloye,	93.5	79.9	81.3	67.7	87.0	68.7	73.6	43.3	48.7	51.9	50.4	44.0

Includes blast furnace ferroalloys.

# 78. STEEL PRODUCTS-NET SHIPMENTS, BY MARKET CLASSES: 1970 TO 1986

is of short tons. Comprises carbon, alloy, and stainless steel. "N.e.c." means not elewhere classified]

T CLASS	1970	1975	1980	1981	1982	1983	1984	1985	1986
,	90,798	79,957	83,853	88,450	61,567	67,583	73,739	73,043	70,263
	14,475	15,214	12,124	13,154	9,288	12,320	12,882	12,950	11,889
s, distributors	16,025	12,700	16,172	17,637	13,067	16,710	18,364	18,439	17,478
aintenance	8,913	8,119	8,742	8,446	6,283	7,271	7,522	7,900	7,336
ng. shipping	7,775	6,053	5,551	5,292	4,470	4,532	4,352	4.089	4,113
equipment, tools	5,169	5,173	4,543	4,624	2,584	2.484	2.886	2,271	2.07€
and processing	3,443	3.255	4,117	5,058	3,222	4,403	5,136	5.484	5,635
aris processing minimum	3,098	3,152	3,155	2,162	1,020	937	1,438	1,061	798
5	4,440	3,927	3,148	3,230	2,287	2,703	2,631	3,330	3,278
	3,550	4,171	5,371	6,238	2,745	1,296	2.003	2,044	1.023
3	2,694	2,173	2,441	2,600	2.003	2,337	2,365	1,869	2,113
and cutlery	2,160	1,653	1,725	1,775	1,337	1,618	1,635	1,466	1,648

asses not shown and nonclassified shipments.

1277 and 1278: American iron and Steel Institute, Washington, DC, Annual Statistical Report. (Copyright.)

# No. 1279, Machine Tool Orders and Shipments: 1970 to 1986

iars. These data represent total industry volume based on reports from members of the National Machine Tool i' Association. The reporting companies produce about 90 percent of the U.S. machine tool output]

l		METAL CU	TTING TY	PE TOOLS			METAL FO	RMING TY	PE TOOLS	
[	New or	rders (net)	Ship	oments	Order back-	New or	rders (net)	Ship	pments	Order back-
	Total	Domestic	Total	Domestic	log, end of period	Total	Domestic	Total	Domestic	log. end of period
	651 916 1,662 2,202 3,373 4,495	507 781 1,477 1,981 3,043 3,866	993 1,879 1,482 1,651 2,189 2,930	827 1,548 1,270 1,470 1,980 2,606	471 1,062 1,242 1,794 2,981 4,546	261 361 541 793 973 1,126	227 213 509 731 897 920	450 573 576 630 825 947	412 485 474 560 729 860	235 216 206 384 516 618
	3,885 2,228 1,064 1,152 1,916 1,853 1,544	3,496 1,946 890 1,069 1,700 1,652 1,377	3,661 4,105 2,895 1,372 1,607 1,742 1,890	3,206 3,552 2,599 1,200 1,484 1,549 1,685	4,750 2,873 1,043 823 1,132 1,243 897	870 717 433 545 1,000 675 581	665 617 372 489 932 610 507	1,011 991 710 474 679 803 688	679 824 600 430 609 743 621	385 427 151 222 542 414 307

Mechine Tool Builders Association, McLean, VA; data published in U.S. Bureau of Economic Analysis, Business 1965-1978; thereafter, Survey of Current Business, monthly.

#### No. 1280. ELECTRONICS SHIPMENTS: 1975 TO 1986

(in millions of dollars)

LECTRONICS	1975	1979	1906	1931	1962	1983	1984	1906	1986
strial electronicsup. and systems	<b>42,269</b> 13,457 14,302	85,051 32,851			-	138,704 56,067 42,119 33,856 5,662	1 197,164 69,672 49,529 43,396 6,375	1 199,569 67,854 56,016 36,845 5,662	1 209,736 65,955 63,100 37,363 6,500

iroducts and related services not shown separately.

p Industries Association, Washington, DC, Electronic Market Data Book, annual.

# No. 1281. ROBOTS, ACCESSORIES, AND COMPONENTS-UNITS SHIPPED AND VALUE: 1984 TO 1986

[Based on a survey of all known manufacturers of robots, robot accessories, and components. Approximately 75 companies reported shipments in 1984, 72 in 1985, and 60 in 1986. Shipment value represents the net sales price, f.o.b. plant, to the customer or branch to which the products are shipped, net of discounts, allowance, freight charges, and returns. A robot is a reprogrammable multi-functional manipulator designed to move materials, parts, tools, or specialized devices through variable programmed motions for the performance of a variety of tasks. Robots are presently classified in the Standard Industrial Classification (SIC) based on their primary industrial function]

ITEM	UNIT	S SHIPP (number)		VALU	(\$1,000)	
	1984	1985	1986	1984	1985	1986
Robots, robot accessories, and components  Robots, complete  Servo-controlled robots  Point-to-point type:  Welding, soldering, brazing, and/or cutting (welding type)  Foundry, forging, and/or heat treating ¹  Machine tool loading and/or unloading  Assembly for non-electronic and electronic products  Material handling and/or parts transfer, n.e.c.²  Other point-to-point type, n.e.c.²  Continuous-path type:  Welding, soldering, brazing, and/or cutting (welding type)  Spraying, painting, gluing, and/or sealing  Fettling, grinding, polishing, and/or deburring ³  Nonservo-controlled robots.  Other robots.  Robot accessories, subassemblies, components, and parts, sold separately  End-of-arm tooling for robots  Compliance devices * Robot accessories, subassemblies, n.e.c.²  Miscellaneous receipts:  Robot accessories, subassemblies, n.e.c.²  Miscellaneous receipts:	6,534 2,676 627 200 67 411 402 86 239 449 375 570 3,288 (x) (x) (x) (x)	(x) 5,486 2,978 839 12 53 547 463 287 339 438 460 2,028 (x) (x) (x) (x) (x)	(x) 6.150 2.718 969 17 400 441 307 198 291 455 451 (x) (x) (x) (x) (x)	281,189 225,528 206,018 56,932 1,851 4,131 29,908 (30,962 4,384 16,569 45,988 24,293 16,219 3,291 55,661 1,280 15,244 2,239 8,573 28,325	275,721	310,034 250,925 233,496 86,041 1,866 2,637 17,99 23,817 13,766 39,467 48,100 15,691 1,733 59,100 8,243 10,135 4,566 36,134
nents	(x)	(x)	(x)	14,469	9,161	12,44

X Not applicable. Includes inspection, measuring, gauging, and/or sorting. Includes components and parts.

N.e.c. = Not elsewhere classified. Includes other continuous-path type, not elsewhere classified. Includes joint locating and guidance systems for welding and guarding and safety devices.

Source: U.S. Bureau of the Census, Current Industrial Reports, series MA 35X(86-1).

No. 1282. SEMICONDUCTORS AND RELATED DEVICES: 1980 TO 1986
[Semiconductors and related devices represent SIC 3674]

ITEM	Unit	1980	1891	1962	1982	1984	1995	1985
SEMICONDUCTORS 1				1				
Sales			6,529	6,970	9,097	13,362	10,349	11,553
Capital expenditures	Mil. doi		1,346	1,210	1,452	3,051	2,291	1,640
Percent of sales	Percent	22.6	20.7	17.4	16.0	22.8	22.1	14.2
lepenese capital expenditures as a percent of revenues	Percent	17.2	15.9	16.5	21.5	30.1	31.7	11.4
R&D expenditures	Mil. dol	563	777	885	1.092	1.362	1,594	044
·		1	1	1	.,	.,	.,	, ,,,,
mports, total	MIL dol	2,325.8	3,515.6	4,100.3	4,822.9	7,180.5	5,403.4	5,646.7
Integrated circuits, monolithic	MII. dol	1,790.2	2,837.8	3,365.1	3,977.2	5,960.1	4,236.9	4,205.0
Integrated circuits, other than monolithic	Mii. dol	118.8	100.0	98.1	97.9	95.0	127.7	253.0
Transistors	Mil. dol	416.8	577.8	639.1	747.8	1,144.7	1,036.6	1,186.1
SEMICONDUCTORS AND RELATED DEVICES	ļ							
Shipments	MIL dol	9,455	10.360	11,215	12,801	17.019	15,253	-
Integrated microcircuits	Mil. dol		10,366 6,793	7.298	8.647	13,484	10,872	DIA
Transistors	Mil. dol	607	633	596	802	797	881	044
Diodes and rectifiers			636	508	572	665	700	(944)
Semiconductor devices, n.e.c. <sup>2</sup>			2,092	2,335	2,484	2,543	2,589	3333
Semiconductors and related devices			215	480	495	309	431	
Assets, beginning of year	Mil. dol	4,014 1,596	5,547 1,493	6,953 1,614	8,400 1,832	9,789 2,818	12,200 2,832	
Used capital expenditures			1,483	37	65	2,010	390	
Retirements	Mil. dol		358	423	562	543	985	
lacets, and of year	MII. dol		6,703	8,181	9,735	12,150	14,526	-
Depreciation charges	MII. dol	601	786	841	1,014	1,309	1,512	PM
Rental peyments	Mil. dol	74	110	121	147	173	184	-

NA Not available. <sup>1</sup> Source: Dataquest Inc., San Jose, CA, *Consolidated Data Base*, April 1967. <sup>9</sup> N.e.c. = Not elsewhen classified.

Source: Except as noted, U.S. Bureau of the Census, Annual Survey of Manufactures,

# ELECTED ELECTRONIC AND ASSOCIATED PRODUCTS—VALUE OF SHIPMENTS BY CLASS OF PRODUCT: 1979 TO 1985

billiars. Based on a survey of all establishments with 20 or more employees for industries 3681, 3682, 3671, 3674, 3677, 3678, 3679, and 3693; includes all known manufacturiers of telephone and telegraph apparatus, a systems and equipment, and electronic equipment. See source for details. N.e.c. means not electronic

PRODUCT DESCRIPTION	1979	1980	1981	1982	1983	1984	1985
Selected electronic and associated products	51.255	60,450	71,373	77.568	83.030	101,697	101 342
shone switching and switchboard equipment	3,653	4,254	4,363	4,448	4,651	5,871	7,594
r telephone and telegraph (wire) apparatus, equip- int, and components	6.049	6.893	7,501	6.980	6,792	8,370	8.070
munication systems and equipments s	4.246	5,139	5.722	6.854	7.557	9,259	10.788
dcast, studio, related electronic equipment	946	1,187	1,446	1.544	1.464	1,476	1.442
n systems		1 1,193	761	834	880	1,045	1,022
ch and detection systems and navigation and guid-	1,00	1,100	101	004	000	1,045	1,000
ce system and equipment	9,773	12,139	15.040	17.733	19.982	22,823	26,444
cular and pedestrian traffic control systems 3		(2)	501	413	481	475	453
communications systems	1 83	735	162	163	176	213	206
ronic systems and equipment, n.e.c.4		2,490	2,900	3,111	3,120	3,361	3.244
ron tubes receiving type 5		82	63	43	56	45	45
ode ray picture tubes, including rebuilt 5		915	913	830	926	933	867
smitting, industrial, and special-purpose electron	1	100					-
ies, exc. X-ray a	698	778	863	964	1,090	1.134	1,173
rated microcircuits (semiconductor networks)	4.717	6,606	6,976	7.322	8,903	13,324	10,090
sistors		600	638	597	626	824	669
es and rectifiers		490	616	494	541	662	641
semiconductor devices	1,413	1,393	2,079	2,317	2,411	2,586	2,232
citors for electronic applications	939	1,184	1,277	1,209	1,288	1,604	1,376
stors for electronic applications		809	804	725	763	948	826
transformers, reactors, and chokes for electronic	776	852	952	842	966	1,055	1,086
ial (RF) connectors		002	f 219	214	211	257	257
drical connectors		40.00	455	388	415	466	527
and panel connectors	1,674	2,018	393	385	420	484	394
and circuit connectors			460	444	598	724	726
for connectors			/ 675	717	942	1,270	870
s exc. microwave and piezoelectric	1		536	408	423	572	518
netic recording tape *			1.053	964	959	1,748	1.582
wave components and devices			621	766	762	B44	936
/5			245	282	524	610	605
ducers electrical/electronic input or output, n.e.c	7,909	9,619	350	363	405	427	510
hes, mechanical types for electronic circuitry			377	446	512	548	471
ed circuit boards		1	1.664	2.147	2.553	3,585	3.062
plex components			2,320	2,502	2,635	3,418	3.244
her electronic components, n.e.c.			4.302	3.973	4,277	5.692	4,626
and other irradiation equipment		800	1.004	1.342	1.544	1.758	1,631
romedical equipment		1,613	1,937	2.419	2.557	2,675	2.704
natic garage door openers, electronic		129	147	137	187	198	184
ronic games arcade, amusement center type	1		2.22	1 920	480	284	179
ronic games, home electronic type	248	452	1,037	1.279	479	99	47

ble. <sup>1</sup> For 1980 and previous years product classes 36824, 36828, and 36828 were combined with 36823. product class 36823 is included in 36824 to improve comparability with the 1982 Census of Manufactures. dcast. <sup>2</sup> Includes electric railway systems and attachments. <sup>4</sup> Effective for 1981, product class 36827 has 36829 to improve comparability with the 1982 Census of Manufactures. <sup>5</sup> For 1979 and subsequent years, 673 were merged into industry 3671; product classes previously published with codes 36710, 36720, and 36730 with codes 36711, 3712, and 36713, respectively. <sup>5</sup> Similar products are collected on the Current Industrial Computers and Office and Accounting Machines, and the data were added together to form the complete product

areau of the Census, Current Industrial Reports, MA36N(85)-1.

# **B4.** COMPUTERS AND OFFICE AND ACCOUNTING MACHINES—VALUE OF SHIPMENTS: 1975 TO 1985

dollars. Based on a survey of all known producers of these products except the very small firms (generally less than 10 employees), includes approximately 740 companies. For details, see source]

PRODUCT DESCRIPTION	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985
nic computers	2,123	3,579	5,254	6,908	8,077	10,786	11,356	12,702	17,063	18,680
stems stems id attachments in calculating machines	3,732 1,622 467	6,026 2,392 377	7,111 2,747 400	8,976 3,782 452	11,730 4,513 476	14,015 4,298 422	14,853 7,008 239	16,749 7,519 188		18,158 8,975 151
ing machines and cash registersd attachments and machines	259 100 103	405 41 200	488 46 193	636 66 248	709 53 199	767 66 193	901 110 156	1,026 133 170	1,129 137 188	977 124 160
letter-handling, and addressing hes ing and word processing machines typewriters, dictating, transcribinging and other office machines	991	235 1,342 106	286 1,673 254	313 1,935 170	361 2,360 215	1,415 1,043 202	387 1,479 1,032 251	508 1,577 917 228	562 1,869 942 221	586 1,862 1,233 306

omputers and peripheral equipment, produced by complete machine manufactures, siteling, and accounting machines and cash registers.

\* For duplicating, dictating, and other office machines, set of the Census, Current Industrial Reports, series MASSR(85)-1.

### NO. 1285, COMPUTER SHIPMENTS AND REVENUES: 1982 TO 1986

#### [Revenue is in if-sold, end-user dollars]

ITEM	Unit	1962	1982	1984	1906	1986
Computer outlays, total 1 Percent change	Percent 1,000 Bil dol 1,000 Bil dol 1,000 Bil dol 1,000 Bil dol 1,000 Bil dol 1,000 Bil dol 1,000 Bil dol 1,000 Bil dol 1,000 Bil dol 1,000 Bil dol 1,000 Bil dol	34.2 2.1 7.0 4.6 3.0 64.5 5.7 106.9 2.0 .6 2,567 3.9 62.5	29.8 38.0 2.3 8.0 5.2 3.3 75.6 7.0 146.4 2.8 3.3 1 6.186 8.6	39.0 30.9 2.4 8.8 6.4 3.7 90.1 196.7 3.7 7.5.4 7,740 14.3 321.1 420.0	42.7 9.5 2.4 8.7 7.4 3.9 106.8 9.1 210.4 4.0 19.1 6.386 16.2 576.7	45.4 6.3 2.4 8.8 8.2 4.4 113.7 10.1 218.1 4.0 35.1 1.2 7,101 16.9 892.8 1,020.4

<sup>-</sup> Represents zero.

¹ Shipments into the U.S. market from any manufacturing country.

¹ Units costing \$25,000 to \$1.5 million.

¹ Units costing \$25,000 to \$25,000.

¹ Units costing \$25,000 to \$25,000.

¹ Units costing \$25,000 to \$25,000.

¹ Units costing \$25,000.

¹ Units costing \$25,000.

¹ Units costing \$25,000.

¹ Units costing \$25,000.

¹ Units costing \$25,000.

¹ Units costing \$25,000.

¹ Units costing less than \$10,000.

¹ Number of new connections of devices, including terminals, computers, and workstations.

# No. 1286. Domestic Personal Computer Sales and Use: 1981 to 1986

### [in mil. units, except as indicated]

ITEM	1981	1982	1983	1984	1905	1906
ersonel computers sold	1,11	3.53	6.90	7.70	7.10	7.81
Value (bil. dol.)	3.14	5.93	9.79	14.49	18.19	21.61
ersonal computers in use, total 1	2.12	5.53	12.17	19.30	25.86	32.54
Workplace		2.26	4.00	6.47	9.46	12.8
Business: 1-49 employees.		.55	.99	1.68	2.62	3.0
50-999 employees	.24	.44	.77	1.24	1.86	2.5
Over 999 employees	.47	.88	1.61	2.64	3.82	5.0
Government	.24	.40	.62	.91	1.16	1.5
Education		.27	.54	.94	1.45	2.0
Kindergarten through grade 12		.21	.40	.70	1.10	1.6
College/university		.06	.14	.24	36	
Homes		3.00	7.64	11.99	14.95	17.
ersonal computer-related equipment in use:	.,,	3.00	7.54		17.50	17.0
Impact printers	.72	1.90	4.25	8.68	13.02	17.8
Nonimpact printers	.02	.10	31	.67	1.21	12
Piotters		.05	.12	.07	44	1.7
Monochrome monitors		2.24	4.68	8.19	11.81	15.1
Color monitors.			1.29	2.79	4.89	7.7
		.48 .53		3.02	4.92	
Moderns			1.41			7.2
Add-in-boards *	2.41	5.68	11.43	19.50	30.51	44.0

<sup>&</sup>lt;sup>1</sup> Excluding multiuser personal computers. <sup>2</sup> Excluding add-in modern boards.

### No. 1287. TELECOMMUNICATIONS REVENUE: 1981 TO 1986

### [in millions of dollars]

ПЕМ	1981	1982	1983	1984	1985	1986
Total Public markets Transmission equipment 1 Switching equipment 2 Public services 3 Cellular mobile radio 1	1,967 2,648 96,309	122,542 112,656 2,183 2,426 108,047	130,119 119,160 2,596 2,300 114,135 127	128,173 115,400 2,930 2,773 109,228 469	145,238 131,359 3,292 3,697 123,568 802	161,968 147,181 3,582 3,699 138,662 1,238
On-premises markets.  Tentinal equipment * Data communications equipment * Local area network connections  Switching equipment * Attached network functions *	1,564 904 28 6,280	9,886 1,649 1,244 62 6,657 274	10,959 1,869 1,789 152 6,767 382	12,773 2,256 2,516 321 7,202 478	13,879 2,565 3,145 577 7,009 583	14,777 2,632 3,636 693 7,083 731

<sup>-</sup> Represents zero. ¹ Includes multiplex, carrier, microwave radio, and satellite earth station equipment. ª Includes ce office, OCC, and private packet switching equipment. ³ Includes local and long distance telephone services, and public network services. ⁴ Includes cellular telephone equipment and cellular network services. ª Includes single-line telephone equipment and integrated V/D work-stations, and facsimile equipment. ⁴ Includes data network control systems, and mostatistical and T-1 multiplexer, front-end processor, and DSU/CSU equipment. ³ Includes data PBX systems, key, PBX, centrex telephone systems, and automatic call distributors. ⁴ Includes call accounting equipment. and voice messaging video teleconferencing systems.

Source: Dataquest Inc., San Jose, CA, Consolidated Data Base, April 1987.

Source: Future Computing, Inc., Dallas, TX, unpublished data.

Source: Dataquest Inc., San Jose, CA. Consolidated Data Base. April 1967.

NO. 1288. INDUSTRIAL ELECTRONIC EQUIPMENT-SHIPMENTS, BY TYPE: 1975 TO 1986 (in millions of dollars)

TYPE OF EQUIPMENT	1975	1977	1978	1975	1900	1961	1986	1996	1984	1905	1986
Total 1	13,457	20,330	25,900	32,851	30,530	47,835	54,055	58,067	00,672	67,864	05,965
imputer and peripheral equipment	7,478	11,886	15,111	19,666	24.320	29,000	33,266	37,131	46,486	45,560	42,635
20mpulers	2.123	3,261	5,248	6,908	8,077	10,786	11,356	12,702	17,083	18,401	18,000
Peripheral equipment 1	3,732	8,015	7,116	8,976	11,730	14,015	14,922	16,910	19,430	18,184	16,200
Auditory storage equipment	937	2.024	2.472	3,000	3,966	4,724	4,067	4,318	5,424	5,191	5,136
Serial access storage	387	589	723	667	743	777	812	772	891	1,102	930
Magnetic storage media:	1	1	_			ı			1	1	
Dieks: Rigid	(*)	146	96	141	217	236	739	1,054	1,017	1,017	1,020
F1800019 (110000V)	(°)	76	74	138	212	277	458	600	562	494	390
Computer tape, cassette, etc	200	(NA)	47	53	115	108	80	204	251	180	130
Computer terminals:		, , ,			1				ł	l	l
General purpose:		ŀ	l		l	1		1	i .	l	l
Single CRT	413	760	985	1,303	2,035	1,892	2,138	2,080	1.985	1,307	1,180
Teleprinters		335	332	390	491	636	605	573	441	247	180
Special purpose, including									1	1	
Special purpose, including graphic	103	177	196	267	325	563	707	1,019	1,194	1,228	1.065
arts for electronic computers	479	940	1,288	1,586	1,503	1,652	3,201	3,586	5,469	4,021	3,780
arts for peripheral equipment		1.452	1,458	2,196	3,010	2,646	3,807	3.933	4,523	4.954	4,665
	''''	.,	',''	_,	-,		.,	-,	.,	1	.,
ntrolling, processing equipment	2,492	3.314	4.092	4,666	5,627	6.717	6,523	8,180	7,390	7,816	8,245
Ming, messuring equipment	1,562	1,922	2,483	3,125	3,584	4,144	4,665	5,200	6,279	6.365	5,900
sting, measuring equipment clical electronic equipment	829	1,715	2.189	2.461	2,703	3,390	4,402	4.845	5,148	5.016	5,200
clear electronic equipment	292	351	427	419	384	447	546	400	400	494	475

VA Not available. tridge, drum, etc."

No. 1289. Consumer Electronic Products—Shipments, by Type: 1975 to 1986 [In millions of dollars. Includes imports]

PRODUCT	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Total	5,224	8,145	9,107	9,359	10,891	12,453	12,516	14,575	17,758	19,255	21,352
lor TV receivers	2,268	3,289	3.674	3,685	4,210	4,349	4,253	5,002	5,538	5,562	6,024
eo cassette recorders	34	180	326	389	621	1,127	1,303	2,162	3,585	4,738	5,258
r audio <sup>1</sup>	355	534	582	623	1.368	2.000	2,100	1,900	2,484	2,300	2,800
parate audio components	652	1,275	1,143	1,178	1,424	1.363	1,181	1,268	913	1,132	1,358
fable audio tape equipment 2	653	1,208	1,649	1,739	1,403	1,157	971	1,102	1.191	1,140	1,389
dio systems 3	474	606	748	748	809	720	573	630	976	1.372	1,370
nk video cassettes			(NA)	(NA)	(NA)	(NA)	357	580	931	1,285	1,480
me radios	(NA) 372	(NA) 523	436	(NA) 436	468	501	530	565	661	379	408
nochrome TV receivers	416	530	549	561	588	505	507	465	419	309	328
lor cameras	(NA)	(NA)	(NA)	(NA)	(NA)	147	232	303	355	228	59
lection TV	(NA)		(NA)	(NA)	(NA)	287	236	268	385	488	529
nk audio cassettes		(NA)	(NA)	(NA)	(NA)	242	219	249	275	277	304
eo disc players	(NA)		(NA)	(NA)	(NA)	55	54	81	45	45	45

<sup>4</sup>A Not available. <sup>1</sup> Prior to 1980, data reflects factory installed products only, algorithm other than portable. <sup>2</sup> Prior to 1981, data include console phonographs.

Source of tables 1266 and 1269: Electronic industries Association, Washington, DC, Electronic Market Data Book, annual.

No. 1290, Machinery (Except Electrical)—Industry Summary: 1977 to 1985

			1977		l		1962			1980	
		Empl	cyees	Value of	Empl	oyees	Value of	New	Empl	oyees	Value of
) 1 <b>60</b>	MOUSTRY	Num- ber (1,000)	Payroli (mil. dol.)	ship- ments (mil. dol.)	Num- ber (1,000)	Payroll (mil. dol.)	ship- ments (mil. dol.)	capital expandi- tures (mil. dol.)	Num- ber (1,000)	Payroll (mil. dol.)	ship- ments (mil. dol.)
35 61	Total Engines and	2,083	30,558	122,168	2,180	46,911	167,835	8,637	1,901	50,905	215,000
	turbines	130	2,238	10,426	112	2,850	13,040	726	98	3,123	14,941
100	Farm and garden machinery	151	2,197	11,857	114	2,366	13,106	392	89	2.049	11,851
	Constr. and related machinery		5,097	23,682	326	7,332	32,036	1,578	229	5,977	27,663
154	Metalworking mechinery	298	4,514	13,283	263	6,086	16,150	713	264	8,603	19,692
166 188	Special industry machinery	l	2,616	9,126	183	3,748	13,128	393	166	4,127	14,778
	mechinery	313	4,451	16,542	314	6,493	24,459	904	260	6,509	25,347
167 186	Office and comput.	259	3,949	16,842	404	9,437	43,028	2,648	407	12,091	62,221
	Refrig. and service machinery	192	2,516	12,416	172	3,344	16,450	415	183	4,236	20,930
	chinary, except electrical	223	2,080	8,012	282	5,236	14,497	767	284	6,187	17,857

Standard Industrial Classification.

Source: U.S. Bureau of the Census, Census of Manufactures, 1982, and Annual Survey of Manufactures.

<sup>1</sup> includes other types of equipment not shown separately. 2 Combined with "Computer tape, cassette,

<sup>&</sup>lt;sup>2</sup> Prior to 1900, data includes some tape

No. 1291, ELECTRIC AND ELECTRONIC EQUIPMENT-INDUSTRY SUMMARY: 1977 TO 1985

			1977			1	982			1995	
		Empk	)yees	Value	Emplo	oyees	Value	New	Empk	yees	V
SIC 1	INDUSTRY	Num- ber (1,000)	Pay- roll (mil. dol.)	of ship- ments (mil. dol.)	Num- ber (1,000)	Pay- rolf (mil. dol.)	of ship- ments (mil. dol.)	cepital expendi- tures (mil. dol.)	Num- ber (1,000)	Pay- roll (mil. dol.)	.6.0
36	Total	1,723	22,544	88,433	1,915	38,414	147,944	7,542	2,007	46,804	101
361	Electric distributing	·							l	1	١.
	equipment	115	1,431	5,772	105	1,995	8,106	220	93	2,026	1 4
362	Electrical industrial apparatus	198	2,543	9,591	191	3,706	13,825	680	179	4,065	111
363	Household appliances	162	1,898	10.737	129	2,223	12,644	305	124	2,579	l ü
364	Electric lighting and wiring	102	1,000	10,737	' <b>~</b>	2,220	12,0	3.00	'*~	2,5,0	"
	equipment	165	1.925	8.357	150	2.718	12.048	340	164	3.362	11
365	Radio and TV receiving							1			1
	equipment	96	1,097	6,913	68	1,154	7,833	141	59	1,316	111
366	Communication equipment	459	6,995	22,744	601	13,979	46,426	2,288	672	19,190	
367	Electronic components and			1	I	I	1		I		۱
200	accessories	374	4,557	15,390	516	9,770	34,517	3,013	558	12,362	44
369	Miscellaneous electrical equipment and supplies	152	2,098	8,930	147	2,869	12,544	510	157	3,605	1 10

<sup>&</sup>lt;sup>1</sup> Standard industrial Classification.

Source: U.S. Bureau of the Census, Census of Manufactures, 1982, and Annual Survey of Manufactures.

No. 1292. ELECTRONIC COMPUTING EQUIPMENT INDUSTRY—SUMMARY: 1975 TO 1985

[In millions of dollars, except as indicated. Data for the noncensus years (all years except 1977 and 1982) are based or sample surveys and are therefore subject to sampling errors. Included in SIC 3573. See source for further detail]

ITEM	1975	1977	1978	1979	1980	1981	1982	1983	1984	1
Employment, total (1,000)	162.5	192.7	232.1	273.9	304.6	320.7	337.9	354.4	373.7	1
Salaries and wages	2,292	3,004	3,814	4,777	5,916	6,951	8,053	9,130	10,471	10
Production workers (1,000)	73.8	85.5	102.9	122.0	134.7	136.0	140.9	150.1	157.7	1
Work-hours (million)	145.9	172.4	202.3	243.8	268.7	263.0	274.5	298.2	309.6	1 4
Workers wages		978	1,267	1,546	1,875	2,116	2,352	2,695	3,026	
Value added	4,960	7.624	9,628	12,465	14,717	17,746	19,598	20.878	25,868	20
Supplemental labor cost	343	528	698	904	1,097	1,296	1,605	1,834	2,110	1 3
Cost of materials	3,705	5,701	7.519	9.985	12,787	14,774	17,481	21,418	29,379	30
Value of shipments		12,924	16,558	21,466	26,594	32,032	36,767	41,977	53,524	55
New capital expenditures	292	652	1,101	1,317	1,706	2,125	2,381	2,341	3,037	1 3
Inventories		3.008	3,989	5,524	6,879	7,863	8,446	9.085	11,719	10
Assets, total		3,042	4.076	5,196	6,790	8,451	10,250	12,169	14,074	15
Rents, total	82	112	147	204	251	292	356	434	499	1.0
Ratio of—		1.20					5.00	0.00	100	
Cost of materials, supplemental labor cost, and salaries and								120		
wages to value of shipments	.741	.714	.727	.730	.745	.719	.738	.772	.783	
Cost of materials to value of	1,000	1 (24.23)	1	1,500		100	133.55	1925		
shipments	.433	.441	.454	.465	.481	.461	.476	.510	.549	
Value added to value of	9322	4034	200	1000	3325	1,127	1000	135.75	1500	
shipments	.548	.590	.581	.581	.553	.554	.533	.497	.483	
Value added to work-hours	32.15	44.22	47.59	51.13	54.77	67,48	71,40	70.01	83.55	

Source: U.S. Bureau of the Census, Census of Manufactures, 1977 and 1982, and Annual Survey of Manufactures,

No. 1293. ELECTRONIC COMPONENTS AND ACCESSORIES INDUSTRY—SUMMARY: 1975 TO 1986
[In millions of dollars, except as indicated, included in SiC 367. See headnote, table 1292]

ITEM	1975	1977	1978	1979	1980	1981	1982	1983	1984	1
Employment, total (1,000)	302.3	373.5	412.3	467.6	498.6	503.5	515.8	515.0	582.3	1 8
Salaries and wages		4,557	5,294	6,461	7,780	8.664	9.770	10,605	12,648	12
Production workers (1,000)	197.6	257.9	286.7	324.5	336.6	325.5	324.8	329.0	374.7	3
Work-hours (million)	389.3	508.7	556.9	635.2	650.1	631.3	626.3	642.4	736.7	1 6
Workers wages	1,705	2,457	2,887	3,484	4,050	4.366	4,645	5,015	6,018	1.8
Value added		9,260	10,981	14,213	16,902	18,537	21,214	23.610	30,427	26
Supplemental labor cost	538	811	998	1,232	1,497	1,723	2,065	2,294	2,752	13
Cost of materials	3,984	6,390	7.210	9,206	11,434	12,159	13,584	13,912	18,190	118
Value of shipments	10,089	15,390	17.912	22,708	27.647	30,421	34,517	37,194	47.983	42
New capital expenditures		783	1,119	1,591	2,616	2.459	3.013	2,897	4,410	17
Inventories		2,773	3,275	4.376	5,388	5,745	6,436	6.841	8.037	1.7
Assets, total		6,026	6,964	8,142	10.615	12.567	15,489	17,609	21,699	25
Rents, total		107	115	145	189	247	284	315	373	
Ratio of—	1	1 727	100	1000	1	1	1000	100		
Cost of materials to value of shipments	.395	.415	.403	.405	.414	.400	.394	.374	.379	1
Value added to value of shipments	.593	.602	.613	.627	.611	.609	.615	.635	.634	1
Value added to work-hours	15.37	18.20	19.72	22.38	26.00	29.36	33.87	36.75	41.30	1 3

Source: U.S. Bureau of the Census, Census of Manufactures, 1977 and 1982, and Annual Survey of Manufactures,

# Electronic Components Sales—Transportation Equipment—Appliances 729

# No. 1294. FACTORY SALES OF ELECTRONIC COMPONENTS BY TYPE: 1975 TO 1986 [In millions of dollars]

YPE OF COMPONENT	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Total	9,286	11,747	13,518	17,076	21,334	25,571	28,784	29,561	33,856	43,306	36,845	37,364
I state products		4,311	4,363	5.511	7,201	9,089	10,309	10,729	12,570	17,032	13,528	14,200
	2,593	2,947	3,534	4.313	6,030	7,080	7,647	7,403	8,318	10,155	8,932	9.204
onnectors	734	828	986	1,286	1,674	2,018	2,203	2,148	2,586	3,200	2,773	2,900
re and cable	(1)	(1)	(1)	(1)	789	1,066	1,176	1,304	1,386	1,613	1,502	1,575
pacitors	470	608	744	897	1.050	1,299	1,297	1,169	1,277	1,619	1,198	1,218
oils and transformers	489	485	560	654	776	852	952	842	966	1,055	1,086	1,150
esistors 2	447	449	477	504	647	653	636	583	638	698	587	588
elays	(NA)	82	174	177	199	243	245	282	296	552	532	520
vitches	141	118	182	303	366	349	377	446	512	548	471	465
uartz crystals	209	266	197	227	201	277	413	266	257	340	339	360
ters	71	64	81	99	126	121	124	142	167	232	179	195
ssive networks	32	47	61	82	111	118	139	138	153	226	193	159
and FM antennas.	OE.	7"	0.	- 02	2.0	1,10	100	100	130	220	100	150
	(1)	(')	72	84	91	84	85	83	80	72	72	76
	1.071	1,218	1,276	1,426	1,554	1,744	1,959	1,885	2,049	2,137	2,055	2,125
sceiving tubes	152	140	144	134	105	91	100	76	62	36	32	30
	420	456	519	585	682	738	858	925	1.007	1.059	1.061	1.067
wer, special purpose	499	622	613	707	767	915	1,001	884	980	1,059	962	
												1,028
ir components 3	3,042	3,271	4,345	5,826	6,549	7,658	8,869	9,544	10,919	13,982	12,330	11,835

h Not available. <sup>1</sup> Included in "Other components." <sup>2</sup> U.S. consumption. <sup>3</sup> Includes sockets, delay lines, loudepeak-magnetic components. transducers, printed circuit boards, microwave components. assemblies, and parts. surce: Electronic Industries Association, Washington, DC, *Electronic Market Data Book*, annual. (Copyright.)

# No. 1295. Transportation Equipment-Value of Shipments: 1972 to 1985

[in millions of dollars. "N.e.c." means not elsewhere classified]

TYPE OF EQUIPMENT	1972	1975	1977	1980	1981	1982	1983	1984	1985
aft 1	7,538	10,881	12,053				26,377	24,978	31,289
aft engines and engine parts	3,070	4,488	4,995				11,516	12,641	14,209
aft equipment, n.e.c	3,437	4,842	5,762	9,946	10,509	10,789	13,171	15,227	17,385
building and repairing	1,031	1,290	1,822	2,129	2,249	2,307	2,594	3,322	3,388
r homes built on purchased chassis	(NA)	(NA)	1,495	836	1,169	1,036	1,893	1,911	1,668
r vehicles and car bodies	41.046	43,394	72,979	61,428	69,457	66,706	90,935	112,358	119,632
w vehicle parts and accessories	19,417	23.023	37.842	35.627	40,215	38,414	46,776	55.805	58.384
veycles, bicycles, and parts	541	705	847	1,160	1,160	1,143	1,151	1,263	1,127
pad equipment	2.284	3,885	4,002	7,173	4,597	2.879	1,946	2,671	2,295
building and repairing a	3,201	5,513	6,270	8,889	10,690	10,655	9,342	9,483	9,471

Not available. 

See table 1029 for number of civil aircraft shipments.

2 Value of work done.

Rurce: U.S. Bureau of the Census. Census of Manufactures, 1972, 1977, and 1982, and Annual Survey of Manufactures.

# No. 1290, Home Appliances and Home Auto Electronics—Imports: 1983 to 1986

		NUMBE	R (1,000)			RETAIL VAL	UE (\$1,000)	
ITEM	1983	1984	1985	1986	1983	1984	1985	1986
or appliances:					5.5	722	II. V	
eezers	80	96	35	143	16,710	21,973	4,129	20,197
crowave ovens	2,472	4,471	12,681	8,191	341,177	559,142	775,578	723,349
efrigerator/freezer combination	783	1,072	1,213	1,212	68,070	94,955	105,383	112,337
itennas, CB	843	632	696	1,019	4,136	3,315	3,102	5,702
itennas, radio	10,668	9,745	9,844	11,563	36,448	52,203	46,182	63,465
idio frequency elec. amplifiers	4,697	3,628	4,519	4,384	155,950	188,879	263,473	248,356
adphones 1	16,363	30,199	26,395	25,682	67,939	119,357	101,976	104,697
Nudspeakers	57,693	44,290	64,237	71,165	222,658	278,226	365,889	391,394
crophones	4.444	2,249	2,175	5,924	20,166	25,240	26,925	34,596
os. total	40,624	49,425	47,156	43,282	677,404	696,278	814,802	716,393
to transistors	1,986	539	2,941	2,826	109,975	30,665	208,783	183,406
ock transistor	12,121	15,571	13,031	13,996	163,791	196,932	156,914	138,661
M transistor (not battery)	612	867	695	532	13,250	15,195	28,706	26,619
W transistor (battery)	4,530	5,784	4.854	3,073	14,497	30.328	25,238	10.006
M AM/FM multi-band transistor	3,000	26.00	100		100	1 2 2 2 2 2	200	2.00
radios (not battery)	2,467	3,007	3,358	2,656	174,260	192,642	190,007	172,715
M AM/FM multi-band transistor	(24.22.0)	445.45		-4.54	3.00	12567 3	- C. (1953)	100
radios (battery operated)	18,908	23,657	22,277	20,199	201,631	230,516	205,154	184,986
phone combination #	46	49	56	46	2.242	2,334	3,668	7,942
o/phone/tape player combination	338	420	1,795	1,132	23,547	29,611	118,272	74,611
ord changers, auto	390	175	285	15	4,889	3,500	14,305	2.837
eo phonos	105	247	354	51	9,024	14,990	19,653	4,306
tables, auto	715	861	1,380	1,446	40,286	48,343	74,248	67,176
tables, other	1,838	2,002	2.620	1,195	96,596	152,183	233,805	66,747
sceivers/CB	864	1,151	1,461	1,192	31,498	41,668	48,248	40,507
recorders, players 3	41,562	52,677	57,775	46,861	1,778,697	2.293,906	2,578,383	2.135,525
do	3,168	2,632	2,240	2.491	70,286	69,504	64,375	98,290
issette/cartridge, stereo	2,757	2,174	2,389	1,289	202,145	169,645	170,406	122,111
sen reel, stereo	71	46	54	28	10,263	7,856	10,035	15,529

Sectric sound amplifier sets. \* Includes consoles. \* Includes other types not shown separately.

surps: Desirracope Merchandising, Philadelphia, PA, Merchandising, 65th Annual Statistical and Marketing Prepart.

No. 1297. HOME APPLIANCES AND HOME AND AUTO ELECTRONICS—SHIPMENTS AND RETAIL VA 982 TO 1986

[Compiled from report of associations and manufacturers. Retail value represents median price of product times the numb units shipped. Except as indicated, covers electric appliances only]

PRODUCT	MAN	UFACTURE	S SHIPME!	VTS (1,000	units)		RETAIL	VALUE (	mil. dol
PHODUCI	1982	1983	1984	1985	1986	1982	1983	1984	1985
Major appliances	28,711	34,421	41,370	43,963	47,877	12,016	14,439	16,906	17,53
Air treatment	3,118	2,462	3,736	3,712	3,481	1,220	966	1,495	1,49
Air treatment	2.505	1,829	2,929	2,900	2,694	1,070	805	1,294	1,28
Ar conditioners Dehumidifiers Air cleaners, electronic Kitchen appliances <sup>1</sup> Refrigerators <sup>2</sup> Microwave ovens Ranges, electric	435	437	587	586	550	78	80	107	10
Air cleaners, electronic	178	196	220	226	237	72	82	95	9
Kitchen appliances 1	18.054	23,274	28,114	30,113	33,452	7,958	10,105	11,641	12.09
Retrinerators 2	4,365	5,255	5,731	5,874	6,284	2,937	3,607	4,001	4,12
Microwave ovens	4,201	6.006	9,020	10,633	12,658	1,979	2.586	3,362	3,46
Ranges electric	2.041	2,839	3,164	3,218	3,532	902	1,299	1,477	1,51
Dishwashers	2,181	3,054	3,428	3,512	3,824	846	1,205	1,368	1,41
Freezers 3	1,290	1,166	1,114	1.140	1.154	621	568	545	54
Rannes nas	1,383	1,578	1,736	1,807	1,895	585	695	785	82
Ranges, gas	2,693	3,514	4,052	4,068	4,196	293	395	466	46
Home laundry	6,403	7,426	8,195	B.626	9.544	2.538	3.034	3,414	3.55
Dryers	2,612	3,111	3,484	3,701		898		1,259	
Wachare	3,791	4,315	4,711	4,925	4,114 5,430	1641	1,102	2,154	1,32
Washers Compact appliances 4	1,136	1,259	1,325	1,512	1,400	300	334	356	2,23
Idea	10 700		1,325						390
TV sales	19,798	24,584	29,021	33,393	37,631	8,246	10,360	12,041	(NA
TV, color	11,377	13,939	15,946	16,894	18,855	5,641	6,695	7,297	7,25
TV black and white	2,030	4,020	7,143	11,912	12,685	1,344	2,303	3,444	(NA
TV, black and white	5,750	5,761	5,068	3,745	3,730	626	614	518	36
TV projection	(NA)	(NA)	(NA)	(NA)	1,090	(NA)	(NA)	(NA)	(NA
I v projection	117	142	192	261	315	277	285	347	43
Video cameras	284	410	484	402	181	265	358	380	26
Video cassette players	(NA)	(NA)	(NA)	(NA)	150	(NA)	(NA)	(NA)	(NA
Videodisc players	240	312	188	179	125	93	106	55	5
Components a	70,077	74,244	72,295	73,157	81,103	4,472	4,846	4,807	4,98
Components 5	8,192	8,599	8,378	8,800	10,914	1,475	1,518	1,510	1,65
Amps ore-amps	365	360	351	344	379	(NA)	(NA)	(NA) 153	(NA
Tuners Compact disc players. Speakers	201	221	198	193	218	166	167	153	15
Compact disc players	(NA)	45	200	850	1,384	(NA)	33	104	26
Speakers	2,970	3,237	3,302	3,345	3,789	418	452	465	474
Receivers	1,421	1,550	1,553	1,533	1.843	381	390	391	39
Turntables	2,239	2,120	1,696	1,442	1,565	314	280	213	173
Tape decks	836	880	890	908	1,508	175	172	161	17
Portable tape equipment	27,346	28,422	27,109	27,626	30.635	1,442	1,421	1,320	1,33
Backed systems	(NA)	540	810	877	954	(NA)	358	492	52
Racked systems	26,518	28,188	27,391	27,528	29.896	819	863	823	80
Compact systems	1,808	1,912	1,933	2,112	2,484	504	439	414	433
Headphones	2.584	2,809	3.090	3,167	3,425	114	125	134	134
Contriduce	3,629								94
Cartridges	3,029	3,774	3,585	3,047	2,795	118	122	114	2,30
Autocound 5	20,835	22,237	23,963	24,719	26,490	1,852	2,028	2,361	
Autosound 5	18,729	19,935	21,299	21,763	21,625	1,628	1,793	1,936	1,987
UD 6 cassette player UD 6 cassette/radio combo	692	694	615	554	466	58	59	45	36
OD - cassette/radio combo	556	519	426	371	303	70	59	40	3
ID 6 cassette/radio combo	3,328	3,641	3,932	4,030	3,989	573	676	754	788
Radios only	1,057	975	932	867	757	113	104	94	8
Car speakers (in pairs)	12,479	13,427	14,635	15,162	15,010	760	834	936	979
Hadar detectors	608	710	942	1,227	1,688	104	110	137	187
Citizen band radios		1,592	1,637	1,729	1,884	122	125	126	135
Cellular telephones	(NA)	(NA)	85	(NA)	265	(NA)	(NA)	162	(NA
Auto security systems	(NA)	(NA)	(NA)	(NA)	1,028	(NA)	(NA)	(NA)	(NA
ome office	30,980	35,745	37,050	38,041	39,399	902		1,100	1,111
Calculators	29,030	30,895	31,400	33,166	31,318	902	925	946	930
Electronic typewriters	(NA)	350	650	850	2,038	(NA)	109	154	185
Personal computers	1,950	4,500	5,000	4,025	3,075	(NA)	(NA)	(NA)	(NA
Monitors	(NA)	(NA)	(NA)	(NA)	950	(NA)	(NA)	(NA)	(NA
Printers	(NA)	(NA)	(NA)	(NA)	1,568	(NA)	(NA)	(NA)	(NA
Personal copiers Facsimile machines	(NA)	(NA)	(NA)	(NA)	269	(NA)	(NA)	(NA)	(NA
Facsimile machines	(NA)	(NA)	(NA)	(NA)	181	(NA)	(NA)	(NA)	(NA
lectronic furniture	4,628	5,168	5,920	6,260	6,857	557	(NA) 668	830	930
ideo games:	1,000	0,,00	-,,	0,200	0,00		-		
Hardware	6,542	6,280	3,120	(NA)	2.336	847	488	194	INA
Hardware	61,000	68 320	51,250	(NA)	9,850	1,525	1,700	765	(NA
pecialty radios atellite earth stations	8,498	68,320 8,107	8,279	8,166	8,154	(NA)	(444)	(NA)	) Inch
stallite earth stations	(NA)	6,107	450	630	255	(NA)	(NA) (NA)	1,310	(NA
oftware	407,653	(NA) 537,791	651,320	700,204	984 499	2,293	3 07F		
Audio:	407,053	537,791	051,320	700,204	984,499	2,293	3,875	4,263	5,349
Blank audiocassettes	226 244	261 055	200 200	200 100	200 500	F00	200	707	270
Video:	236,344	251,855	260,969	266,168	268,500	562	587	585	570
Black videotens	20 400		00.000	150 000		-	705		
Blank videotape	38,423	61,690	98,353	156,088	192,655	552	725	925	1,132
Beta	12,207	15,870	25,392	27,897	29,024	159	175	224	210
Pre-recorded videotape	26,216	45,820	72,961	128,191	162,631	393	550	700	923
Pre-recorded videotape	6,510	9,606	19,690	43,100 7,430	6,707	407	521	963	1,913
Beta	1,960		4,922		6,707	113	131	221	30
VHS	4,550	6,973	14,768	35,670	58.234	294	389	742	1,613
Blank floppy disks	119,000	193,000	241,250	205,063	425,000	(NA)	(NA)	(NA)	(NA
Blank floppy disks elephone equipment: Corded telephones Cordless telephones	1000		1000000	10000				100	1
Corded telephones	5,521	15,058	22,930	22,403	23,768	472	1,168	894	983
Cordless telephones	987	4,488	5,500	4,076 3,306	4,279	168	610	598	380
Telephone answering equipment	868		2,628		4,856	132		298	37

NA Not available. <sup>1</sup> Excludes duplication; therefore, sum of components will exceed total. <sup>2</sup> 6.5 cu. ft. and over. cu. ft. and over. <sup>4</sup> Refrigerators, freezers, washers, and dryers. <sup>5</sup> Includes others not shown separately. <sup>6</sup> UD = desh, ID=in desh.

Source: Dealerscope Merchandleing, Philadelphia, PA, Merchandleing, 65th Annual Statistical and Marketing Report.



Section 28

# Domestic Trade and Services

This section presents statistics relating to the distributive trades and service industries. Data shown for the trades, classified by kind of business, and for the various categories of services (e.g., personal, business, repair, hotel) cover sales or receipts, establishments, employees, payrolls, and other items. Also included are data for franchised businesses.

The principal sources of these data are census reports and survey reports of the Bureau of the Census. Data on gross product in trade and service Industries appear in the monthly Survey of Current Business, issued by the Bureau of Economic Analysis. Financial data for firms engaged in retail, wholesale, or service activities appear in the annual Statistics of Income, published by the Internal Revenue Service.

Censuses.—Censuses of retail trade, wholesale trade, and the service industries have been taken at various intervals since 1929. Beginning with the 1967 Census, legislation provides for a census to be conducted every 5 years (for years ending in "2" and "7").

The establishments covered in the censuses and surveys of business are these classified in 3 divisions defined in the Standard Industrial Classification Manual, 1972 (see text, section 13). Retail trade refers to places of business primarily engaged in selling merchandise for personal or household consumption; wholesale trade, to establishments primarily engaged in selling goods to dealers and distributors for resale or to purchasers who buy for business and farm uses; and services, to establishments primarily engaged in providing a wide range of services for individuals and for businesses.

Data from the 1958 Censuses of Retail Trade and Selected Services exclude nonemployer establishments which had annual receipts of less than \$2,500 and \$1,000, respectively. Beginning with the 1963 censuses, nonemployer establishments which did not operate the entire year were natured if, during the period they operated, their receipts were at a rate which would have reached specified annual totals had they operated the entire year. Beginning with the 1972 Census of Retail Frade, nonemployer establishments are included if, on an annual basis, they reported sales volume of at least \$1,000. The Census of Wholesale Trade excludes establishments with no paid employaes. Beginning in 1977, sales taxes and finance charges are excluded in sales (or receipt) figures of the three censuses.

Prior to 1977, the Census of Selected Services excluded health services (except dental laborato-ties), educational services, social services, membership organizations, and others performing a pro-essional or scientific service (except engineering, architectural, and surveying services). These were covered (except religious organizations and private households) in the 1977 census and the title changed to the Census of Service Industries. However, while most of these industries were again included in the 1982 census, some were not. In 1982, data were not collected for hospitals, alementary and secondary schools, colleges and universities, labor unions and similar organizations, and political organizations. Also in 1977, tax-exempt service industries were covered for the first time.

The Census of Retail Trade beginning in 1977, excludes nonemployer direct sellers. In 1982, the pensus treated each leased department in a store as a separate establishment and classified it according to the kind-of-business it conducted. In prior years, data for leased departments were consolidated with the data for stores in which they were located.

In the retail and service censuses prior to 1982, combined data for all establishments (nonemployer firms plus establishments of employer firms) were presented for selected kind-of-business classifications. In 1982 these data could not be published by kind-of-business because many non-employer firms were miscoded by the Internal Revenue Service (IRS) into miscellaneous categories rather than specific kind-of-business. For retail trade and services, total establishment summary data are available but kind-of-business detail are available only on a national level from the Bureau.

Current surveys.—Current sample surveys conducted by the Bureau of the Census cover various aspects of the retail and wholesale trade and selected service industries. Its *Monthly Retail Trade Report* contains monthly estimates of sales, inventories, and sales of organizations operating 11 or more retail stores (see table 1306), for the United States, by kind of business. In addition, monthly retail sales data for census regions and divisions, large States, metropolitan areas, and

cities are included. Annual figures on sales, yearend inventories, and sales/inventory ratios, by kint of business, appear in the Annual Retail Trade Report.

Statistics from the Bureau's monthly wholesale trade survey include national estimates of merchant wholesalers' sales, inventories, and stock-sales ratios by major summary groups—durable and nondurable—and selected kinds of businesses. Merchant wholesalers are those wholesalers who take title to the goods they sell (e.g., jobbers, exporters, importers, major distributors). These data, based on reports submitted by a sample of firms, appear in the Monthly Wholesale Trade Report. Annual figures on sales, sales-inventory ratios, and yearend inventories appear in the Annual Wholesale Trade Report.

The Service Annual Survey provides annual estimates of receipts for selected service establishments for the United States as a whole.

For the current sample survey programs, retail trade coverage is the same as for the census, wholesale trade coverage is limited to merchant wholesalers; and selected services coverage is less inclusive than the census.

Estimates obtained from annual and monthly surveys are based on sample data and are not expected to agree exactly with results that would be obtained from a complete census of all establishments. Data include estimates for establishments not reporting.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to Historical Statistics of the United States, Colonial Times to 1970. See Appendix IV.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986*. For cross-references, see Appendix V.

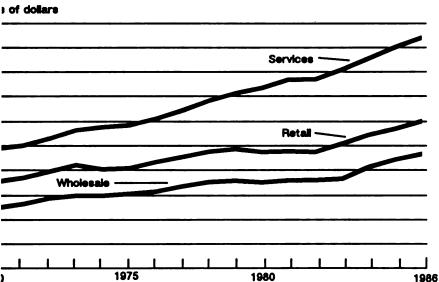
No. 1298. GROSS NATIONAL PRODUCT IN DOMESTIC TRADE AND SERVICE INDUSTRIES IN CURRENT AND CONSTANT (1982) DOLLARS: 1970 TO 1986

[In billions of dollars, except percent. For definition of gross national product, see text, section 14. Based on 1972 Standard industrial Classification]

INDUSTRY	1970	1975	1978	1980	1801	1983	1983	1984	1905	1900
CURRENT DOLLARS										
Wholesale and retail trade	168.7	273.7	415.8	438.9	483.1	506.5	542.9	613.9	063.7	702.
Percent of gross national product	16.6	17.1	16.6	16.1	15.8	16.0	15.9	16.3	16.5	16.6
Wholesale trade	66.2	117.5	179.5	193.9	214.0	219.0	226.5	263.1	281.5	294.0
Retail trade	100.5	156.2	236.3	245.0	269.1	287.5	316.4	350.8	382.2	407.
Services	120.2	180.8	328.7	374.0	422.6	463.6	515.5	500.2	643.7	700.
Percent of gross national product	11.8	12.5	13.1	13.7	13.8	14.6	15.1	15.4	16.1	16.
Hotels and other lodging places		10.1	17.4	18.9	20.4	21.7	24.3	27.0	29.5	31.
Personal services		11.4	17.0	18.8	19.5	21.3	23.1	25.0	29.1	31.
Business services		30.6	59.1	68.8	79.9	90.7	104.8	125.3	146.3	162
Auto repair, services, and garages	6.3	11.2	19.6	21.1	23.1	23.5	26.1	29.2	32.7	34.5
Miscellaneous repair services		4.6	7.6	9.2	9.2	9.8	10.8	12.8	12.2	12.0
Motion pictures	2.3	3.1	5.0	5.0	5.5	6.3	8.8	7.3	8.2	
Amusement and recreation services	4.8	7.7	11.5	12.4	14.0	15.1	16.8	17.8	20.2	21.4
Health services		57.8	93.1	108.1	124.7	142.0	156.1	169.0	183.6	198.0
Legal services		12.5	20.1	23.3	25.9	30.8	35.0	41.6	46.3	52
Educational consists	7.1	11.4	14.4	16.0	17.5	19.1	21.0	23.5	25.2	26.
Educational services	1 7.1	11.4	14.4	16.0	17.5	19.1	21.0	23.5	25.2	20.
	1 400	1 450					32.8		37.9	
tions	10.0	15.9	23.5	26.3	28.4	30.5		35.7		40.
Miscellaneous professional services		18.8	33.9	39.6	47.5	45.7	49.9	56.9	64.1	70.1
Private households	4.5	4.6	6.5	6.6	7.0	7.6	8.2	8.9	9.0	9.3
CONSTANT (1982) DOLLARS										
Wholesale and retail trade	367.6	438.1	511.7	500.4	507.3	506.5	529.0	578.9	612.2	844.5
Percent of gross national product		16.1	16.0	15.7	15.6	16.0	16.1	16.5	17.0	17.4
Wholesale trade	152.0	185.6	217.3	213.5	218.4	219.0	222.0	250.6	268.9	282.4
Retail trade		247.5	294.4	288.9	288.9	267.5	307.0	328.3	343.3	362
Services	295.7	352.4	429.8	442.6	462.5	463.6	496.6	514.0	541.3	200
Percent of gross national product		13.1	13.5	13.9	14.2	14.6	14.8	14.7	15.0	15.
Hotels and other lodging places	17.1	19.2	23.1	22.6	22.3	21.7	22.5	22.9	23.2	22
Personal services		21.1	22.3	22.2	21.0	21.3	21.8	22.4	24.6	25.0
Business services		57.1	78.8	84.0	88.5	90.7	100.0	111.0	120.7	129
Auto repair, services, and garages		19.2	25.0	24.4	24.5	23.5	25.2	27.3	29.2	30.
		7.4	8.9	8.8	9.7	9.6	9.7	10.2	10.3	10.
Miscellaneous repair services									6.7	10.1
Motion pictures	4.8	5.2	6.1	5.7	5.8	8.3	6.2	6.3		
Amusement and recreation services		11.3	13.6	13.7	14.7	15.1	16.1	16.4	18.0	18.
Health services		103.5	123.5	129.4	137.7	142.0	146.7	153.1	158.9	106.0
Legal services	23.2	24.7	28.8	28.9	30.6	30.6	31.6	32.8	36.0	36.1
Educational services	14.8	16.6	17.6	18.1	18.8	19.1	19.8	20.6	21.2	21.4
Social services and membership organiza-	l									
tions		25.7	29.4	30.2	30.5	30.5	31.1	32.3	32.0	34.1
Miscellaneous professional services		33.0	45.0	47.1	51.3	45.7	47.7	49.9	51.8	53.7
Private households	11.3	8.2	7.8	7.4	7.3	7.6	8.1	8.8	8.8	9.6

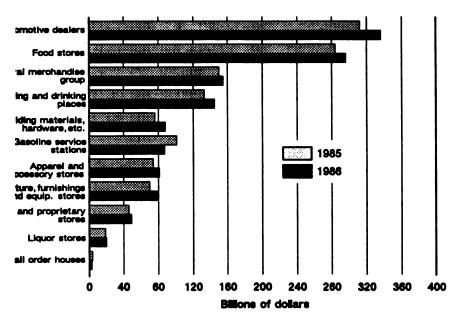
Source: U.S. Bureau of Economic Analysis, The National Income and Product Accounts of the United States, 1989-82, and. Survey of Current Business, July issues.

e 28.1 Originating in Domestic Trade and Services, Instant (1982) Dollars: 1970 to 1986



national Product.

e 28.2 Il Store Sales by Kind of Business: 1985 and 1986



e: Chart prepared by U.S. Bureau of the Census. For data see table 1305.

<sup>):</sup> Chart prepared by U.S. Bureau of the Census. For data see table 1298.

### No. 1289. Persons Working in Domestic Trade and Service Industries: 1970 to 1986

[In thousands. Data represent worker-years of full-time equivalent employment by persons working for wages or salaries are number of active partners and proprietors of unincorporated businesses who devote a majority of their working hours to the unincorporated businesses. Based on 1972 Standard Industrial Classification]

INDUSTRY	1970	1978	1979	1980	1801	1982	1900	1984	1985	1000
Wholesale and retail	14,800	16,500	19,425	19,395	19,604	19,419	19,815	21,038	21,740	22,221
Wholesale trade		4,521 11,979	5,339 14,086	5,396 13,999	5,522 14,082	5,499 14,010	5,409 14,408	5,897 15,341	5,805 15,944	5,84 16,37
Services	13,380	15,650	18,849	19,526	20,230	20,729	21,571	22,806	23,925	24,714
Hotels and other lodging places	1,341 1,666	1,117 1,182 2,054 636	1,234 1,322 2,882 836	1,261 1,330 3,077 838	1,310 1,337 3,251 865	1,340 1,334 3,345 999	1,382 1,379 3,703 927	1,461 1,443 4,273 1,022	1,573 1,503 4,646 1,090	1,605 1,525 5,012 1,125
Miscellaneous repair services	181 402 2,905	399 217 520 4,114 501	480 255 647 4,963 660	475 249 683 5,218 690	519 268 695 5,461 732	515 268 702 5,677 786	523 274 717 5,821 830	548 280 747 5,972 863	556 263 753 6,148 923	546 294 764 6,340
Educational services		1,151	1,204 2,302	1,241 2,361	1,277 2,373	1,311	1,390	1,414	1,453	1,464
organizations	748 1,154	939 793	1,261 803	1,346 755	1,402 740	2,382 1,435 727	2,470 1,447 738	2,545 1,541 766	2,606 1,632 760	2,794 1,679 763

Source: U.S. Bureau of Economic Analysis, The National Income and Product Accounts of the United States, 1929-62, and Survey of Current Business, July issues.

#### No. 1300. RETAIL TRADE—SUMMARY: 1954 TO 1982

[Prior to 1958 and as noted, excludes Alaska and Hawaii. 1972 through 1982 not strictly comparable with prior years due to changes in Standard Industrial Classification; for details, see source. See also Historical Statistics, Colonial Times to 1970, series T 43-47 and T 79-91]

ITEM	Unit	1964	1958	1963	1967	1972	1977	1902
Firms, total	1,000 1,000 1,000	167 1,722 1,124	(NA) = 183 1,795 1,185 (NA)	1,532 220 1,708 1,206 (NA)	1,577 220 1,783 1,192 (NA)	1,665 301 1,780 1,205 74	1,567 343 1,855 1,304 119	1,573 415 1,923 1,330 193
Consumer Price Index: <sup>3</sup> All Items. All commodities Sales By establishments with payroll. By multiunit establishments <sup>1</sup> Percent of total sales Percent of multiunit sales by 101-or-more establishment multiunits <sup>1</sup> In 1982 dollars <sup>3</sup> Percent of sales by corporations.	1967 = 100. Bil. dol Bil. dol Bil. dol Percent Ps. dol	157.9 51.2 30.1 41.8	66.6 90.6 200.4 187.6 67.2 33.5 42.4 (NA) 53.0	91.7 93.6 244.2 233.1 89.5 36.6 43.1 645.0 61.9	100.0 100.0 310.2 295.2 123.5 39.8 46.7 783.9 67.4	125.3 120.9 457.4 440.2 201.8 44.0 55.8 943.3 76.4	161.5 174.7 723.1 699.8 340.7 47.1 55.8 1,064.2 79.8	269.1 263.8 1,065.9 1,039.0 566.7 53.2 54.5 1,065.9
Per capita sales: <sup>6</sup> Current dollars - Constant (1982) dollars - Sales as percent of personal income Sales, inside SMSAs - Percent of total sales Payroll, entire year.	Percent Bil. dol Percent	(NA) 58.6 (NA) (NA)	1,156 (NA) 2 55.5 2 133.0 66.4 21.7 2 11.5	1,296 3,423 52.4 169.8 80.5 27.6 11.3	1,571 3,869 49.3 221.4 71.4 38.2 11.7	2,180 4,508 48.1 (NA) (NA) 55.4 12.1	3,291 4,796 46.9 551.8 76.3 65.9 11.9	4,500 4,500 41,5 845,0 79,1 123,0

NA Not available. ¹ Establishments operated by firms which operate at two or more locations. Beginning 1962, includes single units operated by multiunit establishments. 1972 and 1977 data revised since originally published. ⁵ Excludes Aleates and Hawaii. ³ Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*. For 1982, CPI–U, see text, section 14. ⁴ For 1982, data provided for percent of multiumit sales by 100-or-more establishment units. ⁵ Source: U.S. Bureau of Economic Analysis. ⁵ Based on estimated resident population as of July 1. ³ For definition of SMSA, see Appendix II. ⁵ 1964–1963 data for week including November 15.

Source: Except as noted, U.S. Bureau of the Census, U.S. Census of Business: 1954, vol. I; 1968, vol. I; 1969, vol. I; 1967, vol. I; and Census of Retail Trade, 1972, RC 72-S-1, 1977, RC 77-52 and 1962, RC 82-A-52 and RC 82-I-1.

# . RETAIL TRADE ESTABLISHMENTS—NUMBER, SALES, AND EMPLOYEES, BY KIND OF BUSINESS: 1977 AND 1982

a adjusted for comparable treatment of leased departments between 1977 and 1982. Each kind-of-business ludes leased departments classified in that kind of business as if they were separate establishments. See its, Colonial Times to 1970, series T 79-196 for similar but not comparable data]

ND OF BUSINESS		SHMENTS (000)		LES I. dol.)	PAYE	HOLL dol.)	EMPLO	AID OYEES 1
	1977	1982	1977	1982	1977	1982	1977	1982
, total	1,870.4	1,923.2	720,459	1,065,917	85,417	123,619	12,968	14,468
hardware garden		-						
, hardware, garden tobile home dealers	90.6	88.5	38,914	50,993	4,372	6,221	471	504
s, supply stores	40.6	40.1	27,123	35,144	2,993	4,179	294	307
lawn and garden supply stores	26.6 15.5	25.4 16.5	6,139 1,794	8,727 3,120	810 266	1,250 456	113	127
siers	7.8	6.5	3,857	4,003	303	336	27	24
flee group stores	48.9	44.7	87,825	120,414	11,906	14,822	1,885	1,839
ss (incl. leased depts.) 3	8.8	10.0	76,909 71,053	107,163	10,743	(NA) 12,495	1,644 1,519	(NA 1,515
as (excl. leased depts.) 2	8.8	10.0	71,053	107,163 99,170			1,519	
erchandise stores	17.4	13.5	6,987 9,784	13,033	985 955	1,085	211 156	161
	1	1.000	17.0	17.1	9-72.5	300	100	100
Parties and Commission	252.9 179.0	241.7 168.0	158,444 148,116	246,121 230,696	14,777	23,530	1,964	2,348
pafood) markets	17.0	15.5	3,857	5,652	391	563	56	62
All Department of the control of the	20.2	22.2	2.352	3.752	633	979	132	159
stable marketsectionery stores	7.9 9.1	6.5 8.9	1,092 651	1,552 972	81 78	135 129	14	17
lores	6.3	7.1	1,259	1,531	127	163	31	27
n'	139.7	129.3	150,130	193,515	13,338	16,882	1,119	1,05
alers:	139.7	129.3	150,130	193,515	13,336	10,002	1,119	1,05
cars	30.8	27.2	121,828	154,726	10,274	12,309	790	699
fm	37.0 47.7	34.6 48.8	6,945	8,207	374	450	42	36
supply stores	6.6	5.5	13,095 2,597	21,156 2,936	1,968 248	3,223	210 26	245
l utility trailer dealers	5.2	3.5	2,896	2,831	207	231	20	16
M	6.4	5.6	1,980	2,930	214	308	24	27
stations	177.6	135.5	56,638	97,440	3,834	4,768	673	604
secry stores 3	147.8	159.0	37,164	57,816	5,207	7,563	866	979
ssory stores 5	23.1	18.6	7,042	7,803	1,102	1,224	146	123
g and specialty stores and						1000		
lo-wear Stores	55.1 45.7	58.8 47.9	13,629	22,264	1,902 1,755	2,758	353 328	397
dores	21.6	23.7	7,972	13,660	1,033	1,671	183	219
	33.4	39.4	7,058	11,419	969	1,571	146	189
fants' wear stores	5.3	6.6	737	1,410	99	172	21	26
urnishings, and equipment	0.000	13.4		200	22.5	13.54	7.7.2	1.5
	139.1 40.8	131.7 38.3	33,315	46,761 17,658	4,583 2,084	6,287 2,608	515 220	543 214
stores	42.0	44.3	6,324	9,435	897	1,320	105	124
stores	17.2	17.1	4,043	5,287	562	721	55	54
ance stores	17.6	13.9 35.2	4 4,727	5,855 13,813	1,023	1,662	124	146
	38.6	10000	8,180			and the second		1
ng places	369.0	381.7	63,371	104,592	* 15,437	25,708 23,987	3,765	4,666
nd lunchrooms	275.2	301.7	55,670 (NA)	95,091 (NA)	14,040 7,784	12,935	3,431 1,884	2,29
slaces	(NA) (NA) 93.8	(NA) (NA) 80.0	(NA) 7,700	(NA)	4,466	8,185 1,721	1,160	1,610
(alcoholic beverages)	93.8	80.0	7,700	9,501	1,397	1,721	334	325
tary stores	50.3	52.0	23,381	36,440	3,154	4,605	463	496
all stores	454.7	559.0	71,279	111,824	8,810	13,232	1,246	1,438
	44.6	41.5	13,031	18,146 4,665	916	1,310	146	167
se stores	49.9	59.0	2,852	4,665	395		61	80
goods storess, bicycle shops	166.3 31.6	190.0	21,242 4,673	35,428 8,012	2,775 535	4,705 926	447	106
s, Dicycle strops	12.7	14.9	1,842	3,269	233	401	43	58
100	6.4	6.6	1,125	1,561	176	257	28	26
Annual Company of the	35.4	38.7	5,712	8,829	874	1,433	111	132
rme shopsxgraphic supply	18.6	22.0 6.7	1,785	3,464 1,948	181	325 225	17	46
ouvenir	34.1	41.4	2,576	5.037	332	694	69	110
ner goods	2.6	3.2	372	620	55	94	8	1 11
ework, piece goods	19.2	21.9	1,981	2,688	254	350	61	62
1505	32.8 11.0	32.7 12.2	7,560	20,461 11,362	2,374	2,942	288 126	103
rchandising machine operators	13.5	11.8	3,945	4,924	655	1,194	73	84
establishments	8.4	8.7	2,939	4.175	609	813	88	BE
ilers	20.3	15.7	10,168	17,059 3,734	1,026	1,405	101	104
I stands	29.5	34.7	2,413	3,734	467 43	711 68	88	104
nd newsstands	7.8	13.1	533	790	42	60	9	1
nd newsstands	99.9	168.9	6,124	10,917	770	1,301	98	127
stores	(NA)	(NA)	(NA)	(NA)	272	404	27	34

ble. For pay period including March 12. Includes sales from catalog order deels. \*Includes other is, not shown separately. \*Revised data not carried to broader kind of business. \*Revised. \*N.s.c. ere classified.

NO. 1302. RETAIL TRADE—ESTABLISHMENTS, EMPLOYEES, AND PAYROLL: 1980 TO 1985

[Excludes government employees, railroad employees, self-employed persons, etc. For statement on methodology, see Appendix III]

SIC 1		EST	ABLISHME (1,000)	NTS	E	MPLOYEI (1,000)	E8	1
code	KIND OF BUSINESS	1980	1954	1985	1980	1984	1985	62L (60L)
(G)	Retail trade, total	1,222.9	1,409.5	1,406.8	15,045	16,061	16,862	179.2
52	Building materials and garden supplies *	62.4	68.5	68.5	535	553	585	84
521	Lumber and other building meterials	24.2	26.1	26.3	289	303	322	52
523	Paint, glass, and wallpaper stores	8.6	9.3	9.3	1 44	45	46	7
525	Hardware stores	18.4	19.9	19.5	129	129	134	15
526	Retail nurseries and garden stores		8.3	8.5	43	50	56	Ĵ
53	General merchandise stores *	36.9	35.1	35.3	1,965	1,869	1,942	17.9
531	Department stores		9.8	10.0	1.591	1.559	1,615	15.0
533	Variety stores.	12.4	10.9	10.7	196	150	153	1.1
539	Misc. general merchandise stores	14.9	14.2	13.8	178	159	170	1.7
54	Food stores <sup>3</sup>	157.6	185.1	182.7	2.225	2.400	2.595	277
541	Grocery stores	115.0	132.9	130.3	1.917	2.149	2,241	25.0
546	Retail bakeries	15.7	19.3	19.0	149	179	174	12
55	Automotive dealers and service stations 2	202.3	208.2	200.9	1,745	1,779	1.855	31.4
551	New and used car dealers.	27.2	26.6	26.1	793	789	830	18.7
553	Auto and home supply stores	35.2	43.8	41.2	225	273	264	فڌا
554	Gasoline service stations		112.0	105.8	601	590	609	5.7
56	Apparel and accessory stores *	124.6	139.5	139.3	944	970	1.034	1 22
561	Men's and boys' clothing and furnishings	18.1	16.7	15.9	140	115	118	1 14
562	Women's ready-to-wear stores	40.0	45.1	44.4	350	344	387	<b>3</b> 1
565	Family clothing stores	14.5	17.5	16.6	184	218	221	فآ
566	Shoe stores	32.5	37.7	37.3	178	194	194	18
57	Furniture and home furnishings stores *	84.4	98.7	96.0	577	587	631	lu
571	Furniture and home furnishings stores	50.4	55.6	54.3	362	353	363	52
5712	Furniture stores	29.1	30.0	29.3	236	219	225	33
572	Household appliance stores	10.0	10.4	9.8	65	61	63	ة ا
5732	Radio and television stores	14.3	22.9	23.2	88	118	140	20
58	Eating and drinking places *	282.5	350.7	351.3	4,492	5.054	5,302	35.1
5812	Eating places	217.3	282.4	261.4	4.053	4.682	4.879	32.4
5813	Drinking places	54.0	58.1	52.8	319	297	277	1.7
59	Miscellaneous retail 2	280.3	310.9	317.8	1,914	2.021	2.133	23.5
591	Drug stores and proprietary stores	46.8	51.2	50.7	499	524	539	53
502	Liquor stores		30.4	32.5	140	141	154	14
5941	Sporting goods and bicycle shops	15.8	20.8	18.3	1 26	110	104	Ιij
5944	Sporting goods and bicycle shops	20.2	23.5	23.4	140	131	133	l i.i
5947	Gift, novelty, and souvenir stores	16.5	23.1	23.0	1 34	116	120	و ا
5961	Mail order houses	6.4	7.8	7.1	134	110	114	أآرا
5992	Florists	18.8	23.6	23.5	99	108	114	3
	Administrative and auxiliary	11.9	12.9	13.0	649	749	775	17.1

<sup>&</sup>lt;sup>1</sup> Standard Industrial Classification; see text, section 13. <sup>2</sup> Includes industries not shown separately. Source: U.S. Bureau of the Census, County Business Patterns, annual.

# No. 1303. LARGEST RETAILING COMPANIES—SALES, ASSETS, NET INCOME, AND EMPLOYEES, BY SALES GROUP: 1980 TO 1986

[Sales, assets, and net income in billions of dollars; employees in thousands; except percent. Excludes large privately owned companies that do not publish sales. Includes all reported data for fiscal years ending not later than January following year stated]

A.L. 61 6.165 66000		SALES			ASSETS	0	NE	TINCON	E S	E	<b>IPLOYEES</b>	4
RANK BY SALES GROUP	1980	1985	1986	1980	1985	1986	1980	1985	1986	1980	1985	1986
50 largest	200.8 109.3 40.6 23.8 15.7 11.5	319.3 168.4 63.4 41.8 26.7 19.1	325.6 179.9 66.7 38.0 23.7 17.3	96.3 56.0 16.4 12.3 7.3 4.3	195.0 114.8 34.0 25.5 12.5 8.2	188.4 122.2 23.6 24.7 9.8 8.1	3.9 1.9 .5 .7 .5	7.6 3.4 1.3 1.5 .6	7.6 3.9 1.6 1.2 .5	3,240 1,614 591 569 324 143	3,887 1,821 720 784 317 245	3,763 1,950 856 551 196 206
Percent of total: Top 10	54.4 20.2 11.8 7.8 5.7	52.7 19.9 13.1 8.4 6.0	55.3 20.5 11.7 7.3 5.3	58.2 17.0 12.7 7.6 4.5	58.9 17.4 13.1 6.4 4.2	64.9 12.5 13.1 5.2 4.3	48.7 12.3 18.5 13.8 6.8	44.3 17.0 20.2 8.3 10.2	51,3 21.1 15.8 6.6 3.9	49.8 18.2 17.6 10.0 4.4	46.8 18.5 20.2 8.1 6.3	51.8 22.8 14.6 5.3

<sup>&</sup>lt;sup>1</sup> Includes sales of subsidiaries when they are consolidated and sales from discontinued operations.

<sup>2</sup> Total assets employed in business at end of fiscal year.

<sup>3</sup> After taxes, end extraordinary charges end credits.

<sup>4</sup> As of year end, or yearly average Source: Time, Inc., New York, NY, adapted from *The Fortune Directories*. (Copyright.)

#### No. 1304. RETAIL TRADE SALES-SUMMARY: 1970 TO 1986

a reflect use of a new sample of retail stores, based on kind-of-business classifications from the 1982 Census of Retail Trade, tich was selected and implemented during 1986. Sales and inventory estimates from the old sample were converted to a level imparable with the new sample. Sales and inventories for lessed departments and concessions are tabulated in the kind-of-selected properties of the concession. Based on Current Business Survey, see Appendix III. Minus sign (-) dicates decrease. See also Historical Statistics, Colonial Times to 1970, series T 245, 246, end 255)

			CUF	RENT DOLLARS	3			CONSTA	NT (1982) d	ollars <sup>4</sup>
YEAR	Total sales	Annual	Per cap-	Index of	Dura- ble		turable (bil. dol.)	Total sales	Annual	Per cap-
	(bil. dol.)	change 1	ita <sup>2</sup> (dol.)	sales (1902 = 100)	goods (bil. dol.)	Total	Dept. stores s	(bil. dol.)	change 1	ita ² (dol.)
)	375.2	6.4	1.839	35.1	114.8	260.3	37.4	822.7	2.5	4,033
l . <u></u>	414.2	10.4	2.002	38.7	135.4	278.8	41.8	874.7	6.3	4,229
2	458.5	10.7	2,191	42.9	156.3	302.2	45.9	945.6	8.1	4,518
<b></b>	511.9	11.6	2,422	47.9	177.2	334.7	51.0	990.7	4.8	4,667
• <del></del>	542.0	5.9	2,541	50.7	172.9	369.1	53.8	937.4	-5.4	4,394
<b></b>	568.1	8.5	2,730	55.0	185.9	402.2	57.5	944.0	.7	4,361
<b>3</b>	656.4	11.6	3,017	61.4	220.4	435.0	63.5	1,007.2	6.7	4,829
<b>7</b>	722.5	10.1	3,288	67.6	249.4	473.1	71.1	1,053.3	4.6	4,793
<b></b>	804.2	11.3	3,621	75.2	281.4	522.7	78.0	1,096.0	4.1	4,935
	896.8	11.5	3,993	83.9	307.5	589.2	82.5	1,112.8	1.5	4,965
) . <del></del>	957.3	6.8	4,212	89.5	300.2	657.1	86.2	1,073.3	-3.5	4,723
ı	1.036.7	8.5	4,523	97.1	326.2	712.4	95,8	1.077.4	4	4,692
2	1,069.3	2.9	4,609	100.0	336.0	731.2	99.2	1,069.3	8	4,600
) <u></u>	1,171.2	9.5	4,900	109.5	397.9	773.3	107.9	1,146.5	7.2	4,694
• <del></del>	1,288.4	10.1	5,452	120.6	467.4	822.0	119.6	1,230.2	7.3	5,202
5	1,379.6	7.0	5,779	129.0	518.0	861.6	125.4	1,290.9	4.9	5,407
<b></b>	1,454.4	5.4	6,033	136.0	568.1	896.4	131.9	1,359.5	5.3	5,639

Change from immediate prior year. <sup>3</sup> Based on Bureau of the Census estimates of resident population as of July 1. Excludes leased departments. <sup>4</sup> Based on implicit price deflators for retail sales supplied by U.S. Bureau of Economic halls.

surce: U.S. Bureau of the Census, Current Business Reports, Revised Monthly Retail Sales and Inventories, January 1977 ugh December 1986, (BR-13-86S) and unpublished data.

#### NO. 1305. RETAIL TRADE-SALES, BY KIND OF BUSINESS: 1970 TO 1986

i billions of dollars. Based on 1972 Standard Industrial Classification. See headnote, table 1304. Based on Current Business Survey, see Appendix III. See also Historical Statistics, Colonial Times to 1970, series T 245-271]

1 code	KIND OF BUSINESS	1970	1975	1980	1981	1982	1983	1984	1985	1986
	Retail trade, total	375.2	588.1	957.3	1,038.7	1,069.3	1,171.2	1,289.4	1,379.6	1,454.4
	Durable goods stores, total *	1148	185.9	300.2	326.2	338.0	397.9	467.4	518.0	568.1
exc. 554	Automotive dealers	65.2	107.3	164.7	182.7	193.5	233.1	278.9	311.9	335.8
2.5.6.7.9	Motor vehicle, misc, automotive dealers			146.2	162.3	172.4	209.8	254.6	285.5	309.2
551,2	Motor vehicle dealers			137.7	153.0	162.9	200.0	241.4	271.5	294.2
551	Motor vehicle dealers, franchised	54.3		130.5	144.5	154.7	189.7	230.8	260.4	283.
553 52	Auto and home supply stores		10.1	18.5	20.4	21.2	23.2	24.3	26.4	26.6
-	mobile home dealers 2	18.1	27.3	50.8	52.2	51.0	59.7	69.6	75.6	88
521.3	Building materials, supply stores		17.9	35.0	35.7	35.1	42.4	50.0	55.7	65.6
525	Hardware stores	3.0	5.2	8.3	8.5	8.7	9.1	10.3	10.4	10.7
57	Furniture, home furnishings, equipment 3	17.0	27.0	44.2	46.9	46.8	55.0	62.2	69.6	78.5
571	Furniture, home furnishings stores		16.5	26.3	27.5	27.1	31.1	35.1	37.5	41.8
5722,32	Household appliance, radio, TV		8.2	14.0	15.4	15.8	19.8	22.7	27,4	31.
7	Nondurable goods stores, total 2	260.3	402.2	657.1	712.4	731.2	773.3	822.0	861.6	886.
56	Apparel and accessory stores 2		32.4	50.4	55.7	57.8	63.0	67.8	74.3	80.8
561	Men's, boys' clothing, furnishings	4.5	6.6	7.7	7.9	7.8	8.1	8.4	8.8	9.6
562,3,8	Women's clothing, specialty stores,			1.23	1	5.5	10000	100	1000	
	furriers	8.2	12.4	18,7	20.7	22.3	24.8	27.5	30.9	33.9
562	Women's ready-to-wear stores		11.4	17.0	18.8	20.4	22.7	24.6	27.9	30.8
565	Family clothing stores	4.4	6.7	10.8	12.3	13.7	15.3	16.2	17.4	18.6
566	Shoe stores	4.5	5.8	10.5	11.8	11.4	12.2	12.9	14.0	14.5
591	Drug and proprietary stores	14.6	20.0	31.0	34.0	36.4	40.4	43.5	46.2	49.3
58	Eating and drinking places		51.1	90,1	98.1	104.6	114.9	124.7	133.5	145.0
5812	Eating places		44.4	80.4	88.2	95.1	105.2	114.8	122.9	133.4
54	Food stores		138.7	220.2	236.2	246.1	255.7	271.3	284.0	296.0
541	Grocery stores	82.6	129.1	205.6	220.6	230.7	239.6	254.9	267.0	278.5
554	Gasoline service stations	28.9	47.6	94.1	103.1	97.4	99.2	99.8	101.3	86.6
53	General merchandise group stores	49.1	73.7	106.6	117.3	120.4	130.3	143.1	149.6	155.3
531	Department stores 3	37.4	57.5	86.2	95.8	99.2	107.9	119.6	125.4	131.5
533	Variety stores	6.1	7.9	7.8	8.2	8.2	8.5	9.0	8.9	8.4
539	Misc. gen. merchandise group stores *	5.7	8.3	12.6	13.3	13.0	14.0	14.5	15.3	14.5
592	Liquor stores	B.4	11.9	16.9	17.7	18.1	19.1	18.2	19.5	19,8
596	Non-store retailers	9.1	13.4	22.8	23.6	23.8	24.7	26.4	25.9	26.7
5961 pt.	Mail-order houses (department store mer- chandise)	1.8	2.8	4.3	4.3	4.3	4.3	4.8	4.2	3.3

Standard Industrial Classification Code; see text, section 13. \*\* Includes kinds of business, not shown separately. Excludes leased departments. \*\* Includes catalog showroom stores,

purce: U.S. Bureau of the Census, Current Business Reports, Revised Monthly Retail Sales and Inventories, January 1977 agh December 1986, (BR-13-868) and unpublished data.

# No. 1306. RETAIL TRADE—SALES OF MULTIUNIT ORGANIZATIONS, BY KIND OF BUSINESS: 1980 TO 1986

[Data based on sales of companies which had 11 or more retail establishments according to the most recent update of multiestablishment files selected with certainty (i.e., their sales size exceeded specified dollar volume outpits which vertain kind of business). For details, see source. See also Historical Statistics, Colonial Times to 1970, series T 197-218

SIC 1	KIND OF BUSINESS		SAL		PERCENT OF TOTAL RETAIL SALES				
		1900	1983	1004	1985	1983	1985	1905	1985
	Total sales	365.7	438.4	474.0	496.6	619.9	37.2	36.2	36.7
553	Durable goods stores	<b>34.3</b> 4.8	<b>45.0</b> 5.3	<b>51.5</b> 5.5	<b>55.6</b> 6.0	81.5 8.6	11.4 25.7	10.7 22.9	19.8 25.6
56 562,3,8 568 591 54 541 53 531 533 533 539 5812	Nondurable goods stores 2 Apparel and accessory stores 2 Women's ready-to-wear, accessory and fur Shoe stores Drug and proprietary stores Food stores Grocery stores General merchandise group Department stores Variety stores Misc. general merchandise group stores. Eating places	21.5 8.8 5.3 16.8 119.8 118.1 96.5 82.8 6.3	393.4 30.5 12.1 6.9 23.1 142.3 139.9 120.4 104.3 7.0 9.1 28.6	422.6 33.6 13.5 7.4 25.7 150.5 146.1 132.7 115.7 7.3 10.0 31.5	444.0 36.0 15.8 8.1 27.2 156.2 155.6 138.7 121.4 7.3 9.9 33.6	438.4 42.2 17.9 9.1 26.4 164.6 161.8 144.6 126.0 6.8 10.1 36.0	48.9 42.7 46.8 50.7 54.3 54.4 57.4 90.5 96.1 90.9 58.1 28.1	51.5 51.1 51.2 56.0 56.8 55.7 58.3 92.7 96.8 82.7 64.9 27.3	51.7 52.2 52.8 60.7 57.8 56.8 56.1 60.3 97.8 80.1 67.8 27.9

Standard Industrial Classification; see text, section 13.
 Includes kinds of business not shown separately.
 Source: U.S. Bureau of the Census, Current Business Reports, series BR, Annual and Monthly Retail Trade Reports.

# No. 1307. RETAIL TRADE—MERCHANDISE INVENTORIES AND SALES-INVENTORY RATIOS, BY KIND OF BUSINESS: 1980 TO 1986

[As of Dec. 31. Includes warehouses. See headnote, table 1304]

SIC 1 code	KIND OF BUSINESS	INV	(bil.	dol.)		8		VENTOR	IV.
22 2322		1980	1984	1985	1986	1980	1984	1985	1986
	Total	117.8	161.1	174.1	181.4	8.1	8.0	7.9	8.0
	Total (excluding automotive dealers)	92.1	121.7	127.6	133.2	8.6	8.3	8.4	8.
	Durable goods stores *	55.5	79.4	89.3	93.3	5.4	5.9	5.8	6.
55 exc. 554	Automotive dealers	25.8	39.4	46.6	48.2	6.4	7.1	6.7	7.1
551,2,5,6,7,9	Motor vehicle and misc. automotive dealers	22.1	35.1	41.9	(NA)	6.6	7.3	6.8	(NA
551,2	Motor vehicle dealers	19.8	31.7	38.2	(NA)	7.0	7.6	7.1	CNA
551	Motor vehicle dealers (franchised)	19.0	30.3	36.6	(NA)	6.9	7.6	7.1	CNA
553	Automotive and home supply stores	3.6	4.3	4.7	5.0	5.1	5.6	5.6	5.
52	Building materials, hardware, garden supplies.	1	1 203	1000	1				100
	mobile home dealers	9.3	12.7	13.8	14.1	5.5	5.5	5.5	6.
521,3,5	Building materials, supply, hardware stores	7.9	10.7	11.7	(NA)	5.5	5.7	5.6	(NA
521.3	Building materials and supply stores	5.7	7.9	9.0	(NA)	6.1	6.3	6.2	(N/
525	Hardware stores	2.2	2.8	2.7	(NA)	3.8	3.7	3.8	DN
57	Furniture, home furnishings, equipment stores *	9.1	12.2	13.4	14.6	4.9	5.1	5.2	5
571	Furniture, home furnishings	5.2	6.6	7.0	(NA)	5.0	5.3	5.4	IN
5712	Furniture stores	3.9	4.5	4.8	(NA)	4.6	4.9	4.9	INA
5722.32	Household appliance, radio, TV	2.8	4.4	5.1	(NA)	5.0	5.2	5.4	IN
5722	Household appliance stores	1.0	1.2	1.5	(NA)	5.7	6.3	6.1	(NI
5944	Jewelry stores	3.6	4.5	4.6	(NA)	2.3	2.4	2.5	(NI
	Nondurable goods stores *	62.4	81.7	84.9	88.0	10.5	10.1	10.2	10.
56	Apparel and accessory stores *	10.6	14.6	15.9	16.2	4.8	4.6	4.7	5.
561	Men's, boys' clothing, furnishings	1.9	2.1	2.2	(NA)	4.0	4.1	4.1	(N/
562,3,8	Women's ready-to-wear, accessory and fur stores	3.0	5.0	5.2	(NA)	6.2	5.5	5.9	IN
565	Family clothing stores	2.3	3.6	3.8	(NA)	4.8	4.5	4.6	IN
566	Shoe stores	2.8	3.3	3.9	(NA)	3.8	3.9	3.6	IN
591	Drug and proprietary stores	5.6	7.8	8.5	9.4	5.6	5.6	5.5	5
58	Eating and drinking places	2.0	2.4	2.7	(NA)	44.2	51.0	48.7	(N
54	Food stores	13.6	17.3	18.6	19.4	16.2	15.7	15.3	15
541	Grocery stores	13.0	16.6	17.9	18.6	15.8	15.4	14.9	15
554	Gasoline service stations	3.0	2.6	2.8	2.6	31.7	37.8	36.1	33
53	General merchandise group stores	20.4	29.0	28.6	29.3	5.2	4.9	5.2	5
531.9	Dept. stores, misc. general merchandise stores	18.4	26.6	26.4	(NA)	5.4	5.0	5.3	(N
531	Department stores	15.4	23.0	22.6	23.7	5.6	5.2	5.6	15
533	Variety stores	2.0	2.4	2.3	(NA)	3.9	3.7	3.9	IN
592	Liquor stores.	2.0	1.9	2.1	(NA)	8.4	9.5	9.4	in

NA Not evallable. 

Standard Industrial Classification; see text, section 13. 

Excludes supplies and equipment used in store and warehouse operations that are not for resals. Not adjusted for seasonal variation.

Pleases annual sales to yearend inventories.

Includes kinds of businesses not shown separately.

Source: U.S. Bureau of the Census, Current Business Reports, series BR, Annual and Monthly Retail Trade Reports.

NO. 1308. RETAIL TRADE—SALES BY BROAD MERCHANDISE LINES: 1977 AND 1982
restablishments with payroll. For details on restructuring merchandise lines between 1977 and 1982, see source)

		1977			1	982	
					Sales	of specifie	d lines
MERCHANDISE LINE	Estab-	Sales	Per-	Estab-			rcent of sales
	ments (1,000)	(mil. dol.)	of sales	lish- ments (1,000)	Total (mil. dol.)	Estab- lish- ments handling line	All establish- ments
iil trade, total 1	2 1,304	699,635	100.0	³ 1,330	1,039,029	(x)	100.0
ind other foods	271 341 138 136 231 (NA) 106 139 98 82 72 82 55 89 72 66 137 111 21 80 133 94 99 80 (NA) (NA) 56 } 211	137,506 54,735 9,988 16,164 8,475 23,763 22,740 36,527 10,650 10,011 9,179 2,849 4,128 9,191 14,665 5,770 9,881 13,234 8,1361 9,451 13,234 8,721 26,766 (64) 112,285 48,736 8,923 20,824	19.7 7.8 1.4 2.3 3.3 5.2 1.5 1.5 1.4 4.6 6.6 1.3 2.1 2.1 2.1 2.2 2.1 3.6 6.0 1.3 3.6 2.1 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6	267 391 140 157 241 187 104 146 65 65 67 68 67 74 68 67 74 68 67 74 68 67 74 68 67 74 68 67 74 68 67 74 68 67 74 68 68 68 68 68 68 68 68 68 68 68 68 68	198,705 92,877 14,965 25,833 14,684 42,337 29,461 57,553 17,017 4,132 8,926 11,337 1,381 6,841 11,279 19,086 15,642 12,133 1,851 13,978 11,189 32,179 11,189 32,179 19,087 88 2,850 11,479 130,355 14,791 130,355	51.8 40.9 33.1 113.5 4.9 12.4 17.7 30.6 12.3 3.9 6.4 10.1 12.7 6.1 8.2 6.3 8.1 14.4 20.8 8.2 7.5 26.1 90.8 83.9 63.9 1.1 110.3 65.5 88.8	19.1 8.9 1.4 4.1 2.8 5.5 1.6 4.1 1.1 1.1 1.8 2.2 2.3 3.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1

evallable. X Not applicable. I Includes unclassified end all other merchandise, not shown separately.

vill not add to total because establishments may carry more than one merchandise line.

U.S. Bureau of the Census, Census of Retail Trade, 1977, end 1982, Merchandise Line Sales, RC77-L and RC82-+3.

1308. COMMERCIAL AND INSTITUTIONAL GROUPS—FOOD AND DRINK SALES: 1970 TO 1987 Williamy. Data refer to sales to consumers of food and alcoholic beverages. Sales are estimated. For details, see source]

manufactural and the second of	Num-	1			SALES	(mil. dol.)			
TYPE OF GROUP	ber, 1985	1970	1980	1982	1983	1984	1985	1986 1	1987
	617,699	42,199	119,004	139,723	151,355	164,126	173,889	184,693	196,492
foodservice <sup>3</sup> <sup>1</sup>	446 691	34 829	101 529	119 992	131 266	143 265	152 864	162 921	174.079
aces 1	265 228	21 614	72.276	86,652	95,267	104,521	111 598	119 021	127,115
rants, lunchrooms			39,307	46,443		55,112	58.444	62.222	66,142
menu restaurants 4			28,699	35,357	39,494	43,719	47,191	50,475	54.250
taverns 6		5,008	7,785	7,912	8,157	8,255	8,428	8,502	8,757
stractors 2			6.818	7,708	8.242	8,907	9,460	9,998	10,619
icturing and industrial plants		915	2,121	2.258	2.394	2,616	2,721	2.811	2.949
es and universities		496	1,140	1,407	1,494	1.612	1,738	1,848	1.964
places *		2.585	6,768	8,286	9.165	10.026	10,699	11,480	12,271
estaurants	15,366	1.554	4.964	6.412	7,302	8,110	8,748	9,468	10,203
estaurants	9,013	643	1,151	1,196	1,159	1,190	1,209	1,244	1,275
sts <sup>2</sup>	104,216	1,652	3,264	4,108	4,690	5,395	6,196	7,085	8,062
y store restaurants	40,998	189	830	1,257	1,554	1,955	2,466	(NA)	(NA
ilore restaurants		424	857	943	1,006	1,060	1,052	(NA)	(NA
ne service stations	29,925	109	492	712	860	1,048	1,291	(NA)	(NA
on and sports	6,642	514	1,452	1,659	1,822	1,906	1,957	2,117	2,242
foodservice 3		7,370	17,475	19,731	20,089	20,861	21,025	21,771	22,413
e foodservice	8,297	688	1,635	1,733	1,767	1,904	1,971	2,014	2,096
ial and commercial organizations	3,646	561	1,377	1,458	1,505	1,630	1,682	(NA)	(NA
nal foodservice	94,103	2,102	4,610	5,248	5,509	5,749	5,978	6,109	6,310
ntary and secondary schools		1,163	2,312	2,464	2,577	2,780	2,919	3,017	3,142
		2,991	6,668	7,841	7,375	7,391	7,104	7,229	7,244
eous 5		646	1,521	1,735	1,885	1,991	2,077	2,151	2,223
	10,310	525	1,056	1,275	1,391	1,467	1,537	(NA)	(NA

available. 1 Projection. 2 Includes other types of groups, not shown separately. 2 Date for establishments 1. 4 Fast-food restaurants. 4 For establishments serving food.

National Restaurant Association, Washington, DC, Foodservice Industry Paraceal, December 1987 National Restaurant Association Foodservice Industry Forecast, December 1988. Ecopytest.

# No. 1310. RETAIL SALES-BY TYPE OF

(in millions of dolar.

	тот	AL 1		FOOD	STORES		GE	NERAL ME		NSE		OMOTIVE ALERS
DIVISION AND STATE	1982	1986	To	otal	Superr	markets	To	otal		rtment ores	1982	198
		200	1982	1986	1982	1986	1982	1986	1982	1986		1000
U.S	1,065,918	1,476,176	246,458	302,276	231,000	283,918	120,528	171,005	99,185	143,466	193,896	337,45
V.E	62,093	97,592	13,629	19,671	12,465	18,041	6,174	10,147	5,179	8,688	10,359	20,98
ME	5,332	8,050	1,311	1,822	1,247	1,739	465	719	341	544 718	933	1,796
NH	5,354	8,569	1,278	1,887	1,209	1,792	527	890	415	718	962	1,939
VT	2,601	3,952	612	868	585	832	173	265	120	190	473	932
MA	28,816	46,334	6,006	8,890	5,371	7,975	3,000	4,922	2,538	4,246	4,651	9,668
RI	4,163	6,196	923	1,267	802	1,103	448	717	387	626	633	1,22
RI	15,829	24,491	3,500	4,937	3,251	4,600	1,561	2,634	1,379	2,364	2,706	5,42
NY	159,349	224,483	38,078	48,018	34,220	43,194	17,381	24,355	14,742	21,126	24,938	46,21
NY	72,267	102,543	17,446	22,451	15,361	19,780	7,612	10,777	6,296	9,148	9,955	18,560
NJ	36,307	52,988	8,610	11,166	7,839	10,196	3,637	5,281	3,163	4,684	6,208	11,87
PA	50,776	68,952	12,022	14,401	11,020	13,218	6,131	8,297	5,283	7,294	8,774	15,77
N.C.	180,556	243,767	40,116	46,278	37,456	43,328	22,119	30,458	19,081	26,687	32,365	57,12 14,23
OH	46,315	62,937	11,145	12,773	10,447	12,003	6,156	8,647	5,360 2,252	7,643	7,981	14,23
IN	23,724	33,167	5,299	6,369	5,023	6,058	2,678	3,889	2,252	3,303	4,410	8,12
L	50,747	66,088	10,561	11,985	9,844	11,204	5,921	7,605	5,061	6,618	8,959	15,33
MI	39,216 20,554	55,686 25,889	8,518 4,594	10,115	7,835 4,307	9,325 4,738	4,944 2,420	7,115	1,970	6,485 2,638	7,521	13,71
	1 2 2 2 2 2	1	0.5-5	100		10000	100	1	30.74	1 9.55	100	1
V.N.C	78,094	108,253	16,879	22,053	16,034	21,011	9,103	13,387	7,399	11,046	14,940 3,542	27,16
MN	19,599	28,044	3,922	5,327	3,675	5,008	2,259	3,481	1,894	2,962	3,542	6,77
IA	12,646	16,025	3,012	3,667	2,877	3,515	1,366	1,900	1,066	1,482	2,374	3,84
MO	21,655	31,873	4,888	6,597	4,658	6,303	2,790	4,252	2,402	3,724	4,063	8,13
80	3,367 2,989	4,330	579	735 785	547 586	696	349 256	481	285	396 287	829	1,36
SD	6,995	3,963 9,215	617		1.387	748 1,689	797	387	189		589	98
NE	10,842	14,803	1,459	1,770 3,172	2,304	3,052	1,286	1,118	598 966	1,361	1,321	2,19
	176,375	253,774	41,345	49,588	39,223	47,201	19,521	28,526	15,412	23,047	33,357	64,69
DE		4.504	679	831	620	760	418	633	360	553	525	1.03
MD	20 983	4,504 30,206	4,696	5,718	4,344	5,307	2,458	3,454	2,117	3,029	525 3,781	1,03 7,64
DC	2,654	3,393	495	591	450	539	225	313	189	270	127	19
VA	24,706	35,450	5,843	7,013	5,580	6,714	2,881	4,190	2,237	3,321	4,599	8,82
WV	7,521	9,917	2,022	2,209	1,954	2,140	1,006	1,382	797	1,120	1,351	2,46
NC	25,005	36,514	6,207	7,520	6,010	7,306	2,508	3,825	1,668	2,666	4,779	9,24
SC	12,498	18,270	3,190	3 060	3,099	3,860	1,244	1,885	905	1.410	2,218	4.33
GA	24,408	36,684	5,582	7.048	5,368	6,796	2,764	4,347	905	1,410 3,558	4.628	4,33 9,34
FL	55,469	78,836	12,631	14,698	11,799	13,779	6,017	8,497	4,938	7,120	11,348	21,81
S.C.	57,701	79,004	14,460	17,167	13,973	16,641	6,959	10,208	5,115	7,747	11,003	19,12
KY	14,572	18,797 28,834	3,665	4,176 5,981	3,506	4,007	1,757	2,338	1,369	1,878	2,511	4,178
TN	19,605	28,834	4,720	5,981	4,567	5,804	2,363	3,916	1 828	3,108	3,832	7,12
MS	14,480	19,148 12,225	3,708 2,367	4,178 2,832	3,595	4,064	1,663	2,280	1,190	1,677	2,874	4,89
	3.70	1000	10000	500	1533	2,766	1,177	1,674	728	10000	1,786	-
v.s.c	127,444	159,264	30,030	35,144	28,877	33,902	14,440	19,290	11,419	15,610	27,341	33,817
AR	9,114	11,734	2,130 5,039	2,619 5,805	2,065	2,548 5,609	1,154	1,599	967	1,360 2,334	1,979 3,770	2,38
LA	19,986	24,420	5,039	5,805	4,854	5,609	2,326	3,032	1,733	2,334	3,770	4,410
OK	16,071 82,274	19,692 103,412	3,805 19,056	4,208	3,693 18,265	4,096	1,812	2,456 12,203	1,294 7,424	1,830	3,713 17,880	4,33
	59,298	79,277	14,086	7.57	12,190	Ne Zin	1.00	77.53	0.00	234775	100	
MT		4,717	955	17,713	13,539 918	17,082	5,859 306	8,753 420	4,621	7,015	11,253 746	15,830
ID.	4,060	4,991	1,065	1,176	1,037	1,077	310	435	203	289	815	
WY	2,819	3,853	636	858	617	836	191	305	87	139	496	1,12
WY	16,581	22,289	3,764	4,779	3,612	4,602	1,666	2,525	1,423	2,188	3,150	4,261
NM	6,319	8,555	1,523	1,861	1,455	1,784	587	905	413	652	1,274	1,872
AZ	13,894	19,272	3,423	4,462	3,292	4.304	1,491	2,196	1,186	1,783	2,620	3,826
UT	6,327	8,082	1,513	1,871	1,448	4,304 1,797	711	1,005	579	819	1,196	1,600
NV	5,343	7,518	1,207	1,589	1,160	1,533	597	962	530	864	957	1,458
ac	165,008	230,762	37,836	46,644	35,212	43,518	18,972	25,881	16,219	22,500	28,340	52,300
WA	20,008	26,109	4,896	5,873	4,669	5,618	2,178	2,761	1,838	2,362	3,250	5,735
OR	12,634	15.872	2,738	3,089	2,597	2.940	1,787	2.290	1,394	1,819	2,258	3,737
CA	123,946	15,872 177,444	28,393	35,442	26,285	32,895	14,012	19,498	12,327	17,399	21,861	41,043
AK	3,227	4,508	709	908	685	879	335	510	216	348	419	784
HI		6,829										

I includes other types of stores, not shown separately. I includes hardware dealers. I includes home furnishings stores.

# STORE AND STATE: 1982 AND 1986

# Data are estimates)

DRIN	G AND IKING CES	SER	OLINE IVICE TIONS	ACCES	EL AND SORIES DRES	MATE	DING RIALS ERS <sup>8</sup>		APPL	IRE AND IANCE RES <sup>3</sup>		
	10.75							To	otai	Furn	niture	DIVISION AND STATE
1982	1986	1982	1986	1982	1986	1982	1986	1982	1986	1982	1986	
03,982	144,730	97,840	91,889	57,838	77,211	51,146	84,469	47,141	77,157	17,951	24,950	U.S.
6,046	10,532	5,299	6,001	3,540	5,042	2,850	5,422	2,406	4,124	873	1,275	N.E.
425 428	714	406	459 444	216	354	311	543 653	200	240 376	57 60	82 94	ME NH
223	381	226	241	109	150	176	328	81	139	29	43	VT
3,108	5,552 678	2,387 380	2,873	1,793	2,654	1,176	2,315	1,170	1,921	447 50	630	MA RI
1,457	2,462	1,489	1,575	938	1,281	675	1,289	666	1,200	230	354	СТ
15,096	21,144	12,328 4,625	11,494 4,276	10,341	14,952	6,097 2,591	11,280	7,352 3,608	13,163	2,570 1,242	3,867 1,878	M.A.
7,420	4.464	3,251	3,249	2,287	7,646	1,361	2,513	1,743	3,225	585	914	NY
4,449	6,119	4,452	3,969	2,759	3,876	2,145	3,878	2,002	3,415	744	1,075	PA
18,183 4,683	23,779 6,321	19,154	16,948	9,426 1,956	12,021	7,982 1,837	12,309	7,473	12,110	2,717	3,731	E.N.C.
2,333	3,171 6,335	5,408 2,790	4,758 2,648	1,079	1,436	1,166	1,809	902	1.489	338	478	IN
5,138	6,335 5,271	4,716	3,927 3,862	3,291	4,251 2,870	1,790	3,052	2,203 1,683	3,454	829 577	1,105	IL MI
2,211	2,681	2,171	1,753	851	992	1,046	1,447	877	1,282	281	338	Wi
7,183	9,319	8,436	7,856	3,773	4,351	4,657	6,577	3,143	4,804	1,282	1,697	W.N.C.
1,801	2,418 1,357	1,416	1,234	922 618	1,142	1,221 798	1,627	776 485	1,221	292 206	388 257	MN IA
2,037	2,777	2,299	2,263	1,015	1,245	1,100	1,820	822	1,276	308	409	MO
291 275	320 341	371 370	321 335	174	175 169	246	305 277	138	193 158	67 53	83 65	ND SD
687 956	896 1,210	769 1,104	675 966	352 544	385 574	449 638	649 905	342 467	536 728	185	266 229	NE KS
16,667	23,798	16,282	15,503	9,227	11,890	8,757	14,828	8,299	14,156	3,448	5,061	SA
1,944	378 2,667	274	1,923	1,126	1,332	158 791	1,282	136 951	1,674	52 335	485	DE MD
563	746	185	152	241	315	40	63	132	213	58	79	DC
2,152	3,136 696	2,451 738	2,245 758	1,245	1,700	1,083	1,855	1,168	2,074	140	762 173	WV
2,172	3,189	2,006	2,001	1,390	1,848	1,523	2,631	1,219	2,088	584	867	NC SC
1,114	1,678	1,250	1,205	1,261	1,692	728 1,319	1,305	1,050	1,878	278 441	417 679	SC GA
5,619	7,876	4,883	4,533	2,766	3,472	2,661	4,388	2,767	4,592	1,061	1,522	FL
4,741	6,714 1,742	5,646 1,628	5,304 1,505	2,936 642	3,738	2,893 758	4,105 1,000	2,286 538	3,861 854	1,055	1,556	E.S.C.
1,708	2,559	2,048	2,001	989	1,379	900	1,359	825	1,490	361	565	TN
1,126	1,544 869	1,237 733	1,062 736	857 449	1,031	753 482	1,076	583 339	961 556	282 172	404 253	AL MS
11,410	16,086	10,410	9,213	7,446	8,877	6,963	12,652	5,717	7,976	2,350	2,808	W.S.C.
657 1,843	966 2,452	1,601	752 1,466	1,147	1,356	1,171	980 1,964	338 932	1,292	165	217 488	AR LA
1,440	2,009	1,174	1,025	958	1,168	945	1,627	730	1,033	303	369	OK
7,470	10,659	6,827	5,970	4,864	5,745	4,361	8,081	3,717	5,155	1,478	1,734	TX
6,059	8,178 479	5,874	8,055 348	2,752	3,366	3,429	5,423 382	2,672 173	4,278 252	1,038	1,419	Mt. MT
375	464	368	384	179	195	263	365	173	242	80	103	ID
1,854	2,557	1,472	388 1,496	139 785	157 950	201 966	315 1,644	98 796	1,297	36 276	380	WY CO
629	873	632	630	328	426	398	642	251	419	115	167	NM
1,428	2,004 654	1,342	1,487 679	558 297	723 351	695 369	1,111	657 315	1,079	246 152	338 204	AZ UT
553	747	575	643	264	345	265	406	209	354	71	100	NV
18,596	25,180 2,763	14,411	13,515	8,396 986	12,974	7,518	11,873	7,793 845	1,204	2,817 297	3,536 356	Pac. WA
1,353	1,622	1,147	1,033	601	764	565	742	517	712	173	200	OR
13,684	19,042	10,901	10,495	6,297	9,968	5,354	8,942 510	6,131	10,357	2,047	2,866	CA AK
880	1,192	411	354	383	598	154	217	167	212	59	63	HI

Source: Market Statletics, New York, NY, The Survey of Buying Power Data Service, ennual (copyright).

# No. 1311. Domestic and International Franchising—Summary: 1970 to 1987

[Franchieing is a form of merketing or distribution in which a perent company customerity grants an individual or a company the right, or privilege, to do business in a prescribed manner over a certain period of time in a specified place. The parent company is termed the franchieor; the receiver of the privilege the tranchieoe; and the right, or privilege, the tranchieo]

ITEM	Unit	1970	1975	1980	1981	1982	1983	1984	1985	1986 1	1987
DOMESTIC <sup>2</sup>											
Number of franchised establish- ments	1,000 1,000		435 81 354	442 85 357	442 86 356	439 87 352	442 86 355	444 87 357	455 86 369	467 87 380	499 91 408
Sales of products and services	Bil. dol Bil. dol Bil. dol \$1,000	120 23 96 302 (NA)	191 29 162 439 3,511	336 47 289 760 4,668	365 51 314 824 4,878	376 55 321 856 4,927	423 59 364 958 5,165	492 64 428 1,108 5,671	543 68 475 1,193 6,283	556 70 486 1,192 (NA)	591 76 515 1,186 (NA)
U.S. companies operating foreign outlets	Number	+ 156 + 3.4	222 11.0	279 20.4	288 21.4	295 23.5	305 25.7	328 27.0	342 30.2	(NA)	(NA)

NA Not available. <sup>1</sup> Estimated by respondents to annual survey of franchisors. <sup>2</sup> Excludes foreign outlets of U.S. companies. <sup>3</sup> Represents establishments owned by the parent company. <sup>4</sup> 1971 data.

Source: U.S. Dept. of Commerce, International Trade Administration, Franchising in the Economy, 1985-87.

# No. 1312. DOMESTIC FRANCHISING—NUMBER OF ESTABLISHMENTS AND SALES, BY KIND OF FRANCHISED BUSINESS: 1970 TO 1987

[See headnote, table 1311, for definition of franchising. Excludes foreign outlets of U.S. companies]

KIND OF FRANCHISED	NL	JMBER (	OF ESTA	BLISHME	ENTS (1,0	00)			SALES (	mil. dol.)		
BUSINESS	1970	1975	1980	1985	1986 1	1987 <sup>1</sup>	1970	1975	1980	1985	1986 <sup>1</sup>	1987
All franchising, total	396.3	434.5	442.4	455.2	466.8	498.5	119,758	190,931	336,220	542,969	556,231	591,332
Auto and truck			17.0	100	100	1733	44.738	177 C.		15000	100	1
dealers 2	37.2	31.8	29.4	27.5	27.6	27.8	58,812	94,497	143,861	282,560	293,592	305,617
Percent	9.4	7.3	6.6	6.0	5.9	5.6	49.1	49.5	42.8	52.0	52.8	51.7
Restaurants (all types)	32.6	43.0	60.0	73.9	78.3	86.4	4,602	12,262	27,867	47,678	51,488	57,951
Percent	8.2	9.9	13.6	16.2	16.8	17.3	3.8	6.4	8.3	8.8	9.3	9.8
Gasoline service		1	11.5	1695	3767	100		100			1000	1
stations 2	222.0	189.5	158.5	124.6	120.2	117.0	29,340	47,387	94,470	100.767	90,388	94,907
Percent	56.0	43.6	35.8	27.4	25.7	23.5	24.5	24.8	28.1	18.6	16.3	16.0
Retailing (nonfood)	30.7	37.2	35.2	45.1	46.1	50.7	13,133	9,031	10,517	20,571	22,110	25,179
Percent	7.7	8.6	8.0	9.9	9.9	10.2	11.0	4.7	3.1	3.8	4.0	4.2
Auto, truck rental			100	-	5 8 3	-	100		I Piva	1 5 74	-	
services	3 10.7	6.5	7.3	11.2	11.4	11.5	* 1.177	1,475	3,146	5,686	6,101	6.538
Automotive products		1.75		111	1 20.27	1100		11111	13111	21342	13.15	
and services 4	20.4	47.5	40.2	36.5	37.4	40.4	1,936	5,006	7,084	10,659	11,676	12,910
Business aids and	7.00	-				0.000	13440	2,777	2,175		71,010	1.00
services	10.5	22.2	40.7	49.8	53.8	61.3	723	1.397	6,749	11,970	13,486	15,545
Employment services.	2.9	2.7	4.4	4.8	5.2	6.0	516	553	1,594	2,732	3.067	3,565
Tax preparation		1						-	.,	-4	-1	-1-1-
services	4.7	7.5	9.2	8.1	8.1	8.3	85	161	289	427	458	485
Accounting, credit, collection, and		1		-					200	2.5	350	1
general	1.1	3.5	2.4	2.1	2.2	2.6	20	165	121	169	171	212
Other	1.7	8.3	24.7	34.8	38.3	44.4	101	518	4,745	8,642	9,790	11,283
Construction, home improvement, maintenance, and						25.5		[2]				
cleaning	.7	10.8	14.3	17.5	18.4	22.2	63	639	1,475	4,067	4,466	4,937
Convenience stores	8.8	13.5	15.6	15,1	15.7	16.6	1,727	3,906	7,821	10,839	11,706	12,803
Educational products	100	1000	1.00	100	1000	0.57			11000	100	100	100
and services	4.9	1.3	3.2	8.2	8.2	9.1	86	173	339	768	746	851
Equipment rental		3.5	1.33	100	7.7	95.1	100	1 Cert			1	
services	(a)	1.4	2.2	2.5	2.7	2.9	(2)	157	356	669	720	816
Food retailing 5	(NA)	11.8	15.5	18,7	20.8	23.6	(NA)	1,445	7,430	10,081	10,755	11,643
Hotels and motels "	3.4	6.4	6.4	7,5	8.0	8.6	3,540	4,601	9,506	14,771	15,694	16,729
Laundry, dry cleaning		7.47	1.7	1		1	1.0	1000	-	7.75	1 - 1 - 1	110
services	4.1	3.2	3.4	2.3	2.7	3.2	144	214	286	303	346	425
Recreation,		1.5	17.3		1 7		1000		1 100	1		17.77
entertainment, travel	2.7	3.4	4.6	7.8	8.3	8.9	77	162	516	2,318	2,659	3,191
Soft drink bottlers * 7	2.7	2.4	1.9	1.4	1.3	1.3	4,102	8,165	14,352	18,321	19,249	20,032
Miscellaneous	4.8	2.7	3.6	5.5	6.1	7.2	295	414	447	942	1,050	1,257

NA Not available. <sup>1</sup> Estimated by respondents. <sup>2</sup> Estimated by source on basis of Bureau of the Census and trade association data. <sup>3</sup> Equipment rental services included with auto, truck rental services. <sup>4</sup> Includes some establishments with significant seles of nonsulomotive products such as household applianose, general supplies, etc. <sup>3</sup> Excludes convenience stores. <sup>6</sup> Beginning 1975, includes comportunds. <sup>7</sup> Includes soft drints, truit drints and adea, syrups, flavoring agents and bease. Evolutes independent private label and contract-filler bottling companies, which accounted for 22 percent of the value of shipments of the total industry in recent years.

Source: U.S. Dept. of Commerce, International Trade Administration, Franchising in the Economy, 1985-87.

# NO. 1313. FRANCHISED NEW CAR DEALERSHIPS—SUMMARY: 1970 TO 1986 [Calendar year, except as indicated]

ITEM	Unit	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
Dealerships, total 3	Number	30,800	29,600	28,850	28,250	26,600	25,700	24,725	24,725	24,725	25,100
Domestic only 1		22,500	18,500	11,650	11,600	10,000	14,450	14,675	14,625	12,300	7,150
Imports only 2	Number	4,500	4,600	4,500	4,550	4,550	4,000	3,950	3,875	3,825	4,425
Both	Number	3,800	6,500	12,700	12,100	12,050	7,250	6,100	6,225	8,600	13,525
Sales	Bil. dol	51.8	84.2	142.9	130.5	144.5	154.7	189.7	230.8	260.4	283.2
New cars	1,000	8,393	8,633	10,660	8,979	8,533	7,980	9,182	10,390	11,042	11,452
Used vehicles	1,000	11,283	11,281	11,614	10,287	10,760	10,459	11,195	12,473	12,720	12,990
Employment	1,000	702.9	728.0	837.3	753.7	705.1	702.3	748.8	809.4	850.0	880.0
Annual payroll	Bil. dol	5.5	8.4	12.1	11.9	12.1	12.4	14.3	16.4	18.2	19.6
Advertising expenses	Bil. dol	.4	.6	1.1	1.2	1.3	1.4	1.7	2.2	2.9	3.4
Inventory: 3		100	1		122		1	1	7.5	- 40	17.00
Domestic: <sup>a</sup>	200	1.7		100		100			1000	1000	1.75
Total	1.000	1,409	1,514	1.891	1,506	1,457	1,294	1,209	1,413	1,510	1,687
Days' supply	Days	60	67	70	71	74	71	55	55	58	63
Imported: 2	,-		1.73	1.5	1 33		1			1	
Total	1,000	(NA)	407	502	458	427	381	260	216	271	392
Days' supply	Days	(NA)	80	63	55	52	54	34	26	30	37

NA Not available. <sup>1</sup> At beginning of year. <sup>2</sup> Clessification based on where automobiles are produced (i.e., automobiles manufactured by foreign companies but produced in the U.S. are classified as domestic). <sup>3</sup> Annual average. Source: National Automobile Desire Association, McLean, VA, NADA Data, annual.

### No. 1314. WHOLESALE TRADE—SUMMARY: 1954 TO 1982

[Prior to 1958, excludes Alaska and Hewell. Data for 1972 through 1962 not strictly comparable with prior years due to changes in Standard Industrial Classification; for details, see source. See also Historical Statistics, Colonial Times to 1970, series T 43-47, and T 274-279]

ITEM	Unit	1954	1006	1963	1987	1972	1977	1962
Firms, total Establishments, total With sales of \$1,000,000 or more. Sales, all establishments Merchant wholeselers Inventories, and of year Payroll, entire year. Paid employees, Mer. 12 workweet 1 Active proprietors of unincorporated businesses.	1,000 Bil. dol Bil. dol Bil. dol 1,000	250 (NA) 234.0 100.1 13.0 10.9 2,555	(NA) 287 (NA) 285.7 122.1 15.0 13.2 2,808 158	232 308 82 356.4 157.4 20.1 18.1 3,089 133	239 311 75 458.5 206.1 28.1 23.9 3,519 122	278 370 103 695.2 353.9 45.7 36.9 4,026 (NA)	289 383 152 1,258.4 677.5 82.3 58.3 4,397	321 416 190 1,998 1,159 130.7 95.2 4,998

NA Not available. 1954-1963 data for workweek including Nov. 15.

Source: U.S. Bureau of the Census, U.S. Census of Business: 1954, vol. III; 1958, vol. III; 1963, vol. IV; 1967, vol. III; and Census of Wholesale Trade: 1972, vol. I; 1977, WC 77-A-52 and 1982, WC 82-A-52.

# NO. 1315. WHOLESALE TRADE, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1977 AND 1982 [See Historical Statistics, Colonial Times to 1970, series T 274-287 and T 352-369 for similar but not comparable data]

TYPE OF OPERATION AND KIND OF BUSINESS	ESTAI MEI (1,0	NTS		LES . dol.)	ANN PAYE (mil.	ROLL	EMPLO	YEES I
	1977	1982	1977	1982	1977	1982	1977	1982
Wholesale trade	382.8	415.8	1,258,400	1,997,895	58,290	95,209	4,397	4,985
Merchant wholesalers	307.2	337.9	677,550	1,159,334	42,067	69,936	3,368	3,918
Other operating types	75.6	77.9	580,851	838,561	16,223	25,273	1,029	1,067
Durable goods	226.2	256,1	608,756	881,212	34,998	57,368	2,539	2,913
Motor vehicles, automotive equipment	38.9	39.5	147,112	187,607	5,148	7,524	423	433
Furniture, home furnishings	11.1	12.5	22,032	32,452	1,445	2,367	110	126
Lumber, construction materials	15.7	17.0	46,179	50,694	2,502	3,429	180	184
Sporting, recreational, photographic goods I	6.6	7.3	16,521	26,980	1,024	1,646	77	8.
Metals and minerals, except petroleum		10.1	80,298	102,690	2,178	3,359	133	148
Electrical goods	24.9	29.2	69,999	120,062	3,922	7,462	277	357
Hardware, plumbing, heating equipment	18.6	20.8	30,605	43,529	2,576	4,051	194	21
Machinery, equipment, supplies	84.0	99.2	165,057	263,309	14,350	24,804	986	1,19
Miscellaneous	17.1	20.5	30,952	53,889	1,852	2,726	160	171
Nondurable goods	156.6	159.7	649,644	1,116,683	23,292	37,841	1,858	2,072
Paper, paper products	11.7	13.9	32,509	53,493	2,103	3,586	149	187
Drugs, drug proprietaries 3	3.6	3.9	19,445	33,987	1,148	1,975	89	106
Apparel, piece goods, notions	13.0	14.3	39,895	55,697	1,830	2,897	131	144
Groceries and related products	38.0	38.5	182,905	288,659	7,469	12,269	602	674
Farm-product raw materials	14.8	13.9	110,332	153,419	1,273	1,839	135	136
Chemicals, allied products		10.7	51,661	76,103	1,603	2,902	100	124
Petroleum, petroleum products	22.6	18.7	116,780	296,995	2,249	3,433	179	186
Beer, wines, distilled alcoholic beverages	6.7	6.4	26,979	42,122	1,841	3,091	122	141
Miscellaneous	37.8	39.4	69,138	116,008	3,778	5,849	351	372

<sup>&</sup>lt;sup>1</sup> For pay period including March 12. <sup>a</sup> Includes toys, hobby goods, and supplies, <sup>a</sup> Includes drugglets sundries. Source: U.S. Bureau of the Census of *Wholesale Trade*, 1977, Geographic Area Series, WC 77-A-52, and 1962, Geographic Area Series, WC 77-A-52.

No. 1316. MERCHANT WHOLESALERS-SUMMARY: 1975 TO 1986

[Data reflect latest revision. Based on Current Business Survey; see Appendix III. See also Historical Statistics, Colonial Times to 1970, series T 290-371, for related sales data]

SALES (mil. dol.) Iliterchant wholesaders. 50 Different mineral services and sub- motor vehicles and s	SIC 1	KIND OF BUSINESS	1975	1896	1861	1982	1902	1984	1986	1986
Marchant wholeselars   281,887   314,481   1,224,180   1,166,481   326,083   3480,883   1,374   683,079   683,182	$\dashv$	SALES (mil. dol.)								
Motor vehicles and auto-	50	Merchant wholesalers		1,124,451	1,224,180	1,155,481	1,205,093	1,360,853	1,374,782 630,312	1,361,311
Furniture and home furnish:		Motor vehicles and auto-	ł	1	!			1	132,391	145,210
Lumber and other construction metabrial   17,261   38,390   34,872   33,116   40,712   44,561   46,565   46,5	502	Furniture and home furnish-	i i	-	1				24,210	28,337
Metala and minerals, except petroleum   (8)   63,438   70,432   52,489   52,728   84,926   65,676	503	Lumber and other construc-		1	1				46,193	51,436
Electrical goods   22,747   49,869   53,806   55,877   67,315   68,814   68,715   69,715	505	Metals and minerals, except	,							
Hardwers, plumbing, and   15,200   29,109   31,090   29,255   32,293   37,671   41,096   41		Electrical goods							60,933 88,753	57,347 92,350
Supplies   Supplies		Hardware, plumbing, and heating equipment	15,200	29,109	31,030	29,255	32,293	37,671	41,263	43,618
Social		supplies	69,153	140,880	157,203	140,896	138,817	162,893	165,820	169,216
Paper and paper products   11,215   22,000   25,072   25,937   28,617   34,473   35   35   35   35   35   35   35		goods	(8)		55,138	45,994		53,166	54,467	60,508
and drugglets' sundries	511	Paper and paper products	11,215	22,606	25,072	675,182 25,937	28,617	751,543 34,473	744,440 36,798	717,283 40,521
Description   Section	- 1	and druggists' sundries	8,750	13,607	15,856	18,636	19,739	22,143	25,095	27,576
Beer, wine, and distilled beverages   19,370   31,911   34,863   36,456   38,869   37,646   36,000   31,001   34,000   30,456   36,000   37,046   36,000   30,000	ĺ	products				174,867	190,308		217,085	234,748
Miscollameous nondurable goods		Beer, wine, and distilled	1		ı				93,252	79,195
Bear	519	Miscellaneous nondurable	1		1				39,356 104,006	40,262 109,170
Durable goods   Se,972   76,727   86,360   84,879   83,783   92,716   28   28   28   28   28   28   28   2			43,001	77,501		00,482	90,732	101,373	104,008	100,170
Molor vehicles and sulcomposed sulcompos	50	Durable goods 2					129,600 83,763		144,244 29,600	147,376 96,710
1,234   2,502   2,538   2,489   2,618   2,973   3   3   3   3   3   3   3   3   3		Motor vehicles and auto- motive equipment	6,578	12,352	12,867	14,340	1	15,675	16,781	18,643
tion material (NA) (8) (8) (1,111 4,335 4,035 6,000 6,	- 1	ings	1,234	2,502	2,538	2,489	2,618	2,973	3,264	3,333
Social petroleum		tion material	(NA)	(8)	(8)	(8)	4,111	4,335	4,374	4,940
Hardware, plumbing, and heating equipment   2,677   5,268   5,548   5,244   5,495   6,273   3,2082   3,2082   3,2082   3,2082   3,2082   3,2082   3,278   3,		except petroleum							9,975	9,388
Machinery, equipment, and supplies   12,960   29,274   32,273   31,666   30,867   32,092   32,000		Hardware, plumbing, and				1		1	12,866	13,576
Nondurable goods *   20,000   44,252   44,896   43,317   44,894   48,148   511   7,987   7,988   7,988   7,488   7,888   7,8	506	Machinery, equipment, and							6,419	6,642
Since   Sinc	509	Miscellaneous durable				i .			32,300 4,453	31,007 4,823
Groories and related products   Groories and related products   Groories and related products   Groories and related   Groories and related   Groories and destined   Groori		Nondurable goods *	20,000	44,252	44,500	43,317	46,040	46,143	51,145 3,267	\$1, <b>885</b> 3,570
Feirm-product raw materials   4,089   7,567   6,062   6,363   7,426   6,920   7,567   6,062   6,363   7,426   6,920   7,567   6,062   6,363   7,426   6,920   7,426	514	Groceries and related	·		1	1	· -	i .	10,998	12,185
Deverage   1,745   3,227   3,582   3,372   3,550   3		Farm-product raw materials Beer, wine, and distilled							7,202	5,636
goods	1	beverages	1,745	3,227	3,472	3,582	3,372	3,550	3,808	3,818
Merchant wholesalers   9.86   8.14   8.40   9.01   9.28   9.86   8.57	1	goods	3,276	7,238	7,779	7,633	8,249	9,547	9,658	9,080
Motor vehicles and automotive equipment   6.03   6.73   6.95   6.37   7.50   7.73	-	Merchant wholesalers							9.33	9.37
Furniture and home furnishings. 6.70 6.51 7.06 7.15 7.72 7.98 Lumber and other construction material. (NA) (S) (S) (S) 9.90 10.28 1 Metals and minerals, except petroleum. (S) (S) (S) (S) 9.90 10.28 1 0.28 1 0.28 1 0.29 1 0.28 1 0.29	501	Motor vehicles and auto-					1		6.77	0.94
505   Lumber and other construc- tion material	502	Furniture and home furnish-				i			7.89 7.42	7.79 7.90
Metals and minerals, except petroleum	503	Lumber and other construc-				ŀ			10.56	10.41
506 Electrical goods	506	Metals and minerals,						1	6.11	6.13
508 heating equipment		Electrical goods							6.90	6.80
muoniles		heating equipment	5.66	5.53	5.93	5.58	5.88	6.01	6.43	6.57
	1	supplies	5.34		4.87				5.13	5.46
goods	51	goods	(NA) 16.50	14.40	15.81		14.95	11.04 14.70	12.23 14.96	12.55 13.86
511 Paper and paper products 11.10 11.18 10.92 11.60 9.84 11.85 1 514 Groceries and related	511	Paper and paper products Groceries and related	11.10	11.18	10.92	11.60	9.84	11.85	11.20	11.35
products	515	products	21.52 20.37						19.74 12.95	19.26 14.05
516 Beer, wine, and distilled beverages	- 1	Beer, wine, and distilled beverages	11.10	9.80	9.99	10.18	10.93	10.60	10.34	10.54
519   Miscellaneous nondurable	519	Miscellaneous nondurable	13.32	10.71	11.10	11.59	11.00	10.62	10.77	11.27

NA Not evallable. S Data do not meet publication standards. <sup>1</sup> Standard Industrial Classification; see text, section 13. <sup>2</sup> Includes kinds of businesses, not shown separately. <sup>3</sup> End of year inventories; seasonally adjusted.

Source: U.S. Bureau of the Census, Current Business Reports, Revised Monthly Wholessie Trade Sales and Inventories, source: 1990 Through December 1998, (SR-13-86S) and series reports.

NO. 1317. WHOLESALE TRADE-SUMMARY, BY STATE: 1982

	Estab-	Sales	Paid	MERC WHOLE	HANT SALERS		Estab-	Sales	Paid	MERC WHOLE	
N AND	lish- ments	GOL)	employ- ees <sup>1</sup> (1,000)	Estab- lish- ments	Sales (bil. dol.)	DIVISION AND STATE	lish- ments		employ- ees <sup>1</sup> (1,000)	Estab- lish- ments	Sales (bil. dol.)
<b>8</b>	415,829	1,007.0	4,905	337,943	1,150.3	So. All.—					
Ŀ						Con. WV	2,380	6.1	26	2,016	4.1
•	1,854	4.2	18	1,465	3.1	NC	10.234	39.6	116	8,219	18.9
	1.467	4.1	16	1.220	2.8	SC	4.539	12.7	46	3.884	7.8
	800	1.9	9	720	1.6	GA	11.322	56.1	140	8.651	22.2
*******************	9.709	49.8	132	7.637	26.3	FL	19.537	65.6	212	16,287	39.1
*************	1.549	5.0	18	1,334	3.2	1	10,00				
		32.7	60			E. So.			ł		!
************	5,329	32.7	•	4,241	19.8	Cent:		į.	ł		
	l .			i	ı		5,276	19.2	80	4,388	11.0
	1	l i		l		KY	7.853	37.8	102	6.329	19.4
**************	39,108	261.2	430	32,622	176.3	TN	5,913		66	4.048	12.2
	14,739	89.4	211	11,769	46.2	AL		19.6		4,046	
***************************************	17,873	78.4	221	14,208	36.9	MS	3,633	10.8	36	3,159	8.5
	1			1	i	W. So.	İ				
	1		ŀ	i	i	Cent.:	ŀ		i	ł I	
prot.:				l	l	AR	3,709	10.7	39	3,319	7.3
	16,905	79.6	221	12,997	37.5	LA	7.678	36.1	95	6.336	24.9
	8,953	31.5	99	7,458	19.1	l ok	6.167	28.1	71	5,178	18.5
	21,722	131.1	267	16,975	65.5	TX	31,978	205.0	417	25,670	122.7
************	12,989	59.8	146	10,150	27.6	· · · · · · · · · · · · · · · · · · ·	31,070	200.0	717	23,070	122.7
	8,150	27.4	91	8,832	16.6	MPL:	l '			ŀ	
				1		MT	1,869	4.9	16	1,588	3.7
L				1	l	iD	2.028	5.1	22	1,773	3.7
ant:				i			1.091	3.3	10	905	2.6
	9.020	47.4	104	7,334	30.6	WY	6.357	26.9	177	4,940	15.2
	7.393	25.6	89	6.507	19.2	1 00					
••••••	40.440	49.4	122	8,202	27.5	NM	2,123	5.1	21	1,821	4.1
•••••••				1.880		, <u>AZ</u>	4,555	13.9	52	3,721	8.3
	2,109	6.0	19		4.7	<u>υτ</u>	2,585	8.7	31	2,085	5.3
	1,803	4.9	16	1,635	3.0	NV	1,233	3.9	14	1,073	2.6
	4,073	17.4	42	3,565	10.1	1	l		i	l	l
	5,607	24.5	58	4,605	15.5	Pac.:	i '	I	i	l	l
	1	1		ı		WA	7,680	31.3	●0	6,160	16.5
L:	l			1	!	OR	5,160	26.9	58	4,221	18.9
	819	7.3	14	666	2.1	I CA	43.276	217.7	548	34.832	128.6
	5,507	25.8	77	4.333	13.3	AK	786	2.7	1 7	552	1.6
	496	2.6	ė	394	1.5	H1	1,737	4.1	17	1.434	2.5
	6.960	26.7	91	5.687	14.8		1 .,,	i ~	'''	.,	1
••••••	1 00	20.7		, ,,,,,,	10	1	1	1	ı	I	

r the pay period including March 12.

ros: U.S. Bureau of the Census, 1982 Census of Wholesale Trade, Geographic Area Series, WC82-A-1 to 51.

NO. 1316. SELECTED SERVICE INDUSTRIES—SUMMARY: 1977 AND 1982
[For establishments with paid employees]

	-	FIFMS	SUBJECT TO INCOME TA		Firms
ITEM	Unit	40	11	1996	
		1977	Original	Revised <sup>1</sup>	empt * 1982
potabilishments fe unit funit funit funit fige "cocipts " per establishment. sulfunit establishments. sert of total "	1,000	725 628 99 184.2 226.5 69.9 42.8	1,154 1,262 1,111 151 427.0 338.4 163.6 11,106	740 627 708 119 310.7 375.7 140.1 45.1 107.9 8,060	121 147 112 36 61.5 418.1 24.3 39.5 23.1 2,299

icause of the differences in scope between 1977 and 1982, the 1982 data have been recomputed to be comparable to 1977 lard industrial Classification codes 702, 704, 60 (except 8072); 823, 824, 829, 83, 892, 893, and 989 excluded). I similarly published data in 1977.

\*\*Prevenue for ten-exempt activity.\*\*

\*\*For workweek including Merch 12.

ros: U.S. Bureau of the Census, Census of Service Industries, 1977, vol. 1, and 1982, SC 82-1.

NO. 1319. SERVICE INDUSTRIES—SUMMARY OF ESTABLISHMENTS BY TAX STATUS: 1977 AND 1962
[See Historical Statistics. Colonial Times to 1970, series T 391-443 for similar but not comparable data]

KIND OF BUSINESS	MEN' (1,0	rs I	EXPEN	TS OR ISES 1 dol.)		dol.)		PLOYEES 000)
	1977	1982	1977	1982	1977	1982	1977	1962
Firms subject to Federal Income tax.  Hotels, motels, and other lodging places.  Hotels, motor hotels, and motels.  Trailering parks and camps.  Fooming, boarding, and membership lodgings.  Personal services  Laundry, cleaning, and garment services  Photographic studies, portrait.  Beauty and barber shops.  Shoe repair, shoe shine, etc  Funeral service, crematories  Business services.	2,755.1	(NA) 69.1	248,613	(NA)	81,183	158,625	8,618.9	11,106.
lotels, motels, and other lodging places	79.7	69.1	18,755	34,057	5,190	9,269	918.7	1,102.
Hotels, motor hotels, and motels	51.9	47.6	17,719	32,675	5,027	9,067	894.1	1,076.
Pooming boarding and membership ledgings	18.9	15.3 6.3	734	1,044	103	151	11.9	15.
Personal services 3	512.1	(NA)	18,433		5,478	7,956	910.4	970.
Laundry, cleaning, and garment services	75.4	(NA) 66.2	6,829	9,913	2,288	3,225	361.0	354.
Photographic studios, portrait	37.1	48.5	1,185	2,027	215	357	29.8	44.
Beauty and barber shops	264.7	274.9	5,266	7,455	1,816	2,414	316.7	314.
Shoe repair, shoe shine, etc	9.6 19.6	7.8	239	281	40	55	7.2	7.
Business services	458.2	18.7	2,827 54,500	3,936	20,852	927	2,297.4	3,151.
Advertising	32.9	(NA)	4,983	(NA) 9,288	1,921	3,392	118.8	145.
Services to dwellings, other buildings	67.3	91.9	4.597	8.197	2,256	3,899	426.3	540.
Computer, data processing services	16.1	40.9	4,597 7,576	8,197 22,217	2,833	7,843	203.9	353.
Computer prog., other software services	(NA)	(NA)	(NA)	(NA) (NA)	957	3,336	51.3	126.
Data processing services	(NA)	(NA)		(NA)	1,614	3,448	135.7	183.
Computer related services, n.e.c.*	(NA)	(NA) (NA) (NA) 267.9	(NA)	(NA)	262	1,060	16.8	43.
Four ment rental lessing services	143.8 29.3	267.9 49.2	8,343 5 4,970	20,106	2,839 5 1,060	6,529 2,305	208.8	353. 133.
Susiness services.  Advertising. Services to dwellings, other buildings. Computer, data processing services.  Computer prog., other software services.  Data processing services. Computer related services, n.e.c.*  Management, consulting, public relations. Equipment rental, leasing services Other business services. Credit reporting, collection agencies	168.9	(NA)	23,898	11,361 (NA)	9,918	18 447	1,252.5	1,625
Credit reporting, collection agencies	(NA)	(NA)	(NA)	(NA)	539	18,447 808	64.2	60.
Direct mail advertising services	(NA) (NA)	(NA)	(NA)	(NA)	276	560	31.5	43.
Commercial photography, art, graphics	(NA)	(NA) (NA) (NA)	(NA) (NA)	(NA) (NA)	588	1,024	46.0	56.
Personnel supply services	(NA)	(NA)	(NA)	(NA)	2,881	5,632	431.7	608
Research and development labs	(NA)	(NA)	(NA)	(NA)	843	1,579	48.5	64.
Credit reporting, collection agencies Direct mail advertising services Commercial photography, art, graphics Personnel supply services Research and development labs Testing labs and facilities. Detective agencies, protective services. Automotive repair, services, garages Automotive repair and leasing, without drivers Automotive repair shops General auto repair Top and body repair Top and body repair	(NA)	(NA) (NA) (NA) (NA)	(NA)	(NA)	308 1,598	3,000	25.3 279.9	35. 340.
Automotive repair, services, garages	200.2	227.6	21,576	33,782	4,456	7,057	483.2	553.
Automotive rental and leasing, without drivers	12.4	227.6 12.5	6,407	9,750	834	1,380	75.5	94.
Automobile parking	8.9	8.8	1,008	1.592	211	323	33.9	34.
Automotive repair shops	154.2	179.1	19 770	20,414 8,924	3,090	4,906	316.3	364.
General auto repair	87.0	109.5	5,633	8,924	1,173	1,840	128.3	144.
Top and body repair	38.8 28.4	40.8 28.8	3,246	5,398	874	1,439	87.9	103
Automotive services ave repair	24.7	27.2	3,891 1,391	6,092	1,043	1,627	120.0 57.6	117. 59.
discellaneous repair services	162.9	159.3	11.028	16,032	2.992	4,559	279.1	299.
Electrical, electronic repair shops	52.5	35.9	3,581	4,488		1,350	95.2	87.
Reupholstery, furniture repair	24.6	21.3	694	825	1,001	192	\$ 20.9	19.
Other repair shops, related services	85.8	102.0	6,726	10,719	1,833	3,017	161.8	192
Amusement, rec. serv., Incl. motion pictures	176.8	214.4	21,143	35,320	5,272	8,805	660.3 88.4	803.
Motion picture prod., distribution, services	11.8	15.9	5,412 2,606	10,354 3,610	1,377	2,451 567	112.2	127.
Producers, orchestras, entertainers	67.7	92.9	2,361	4,319	524	971	50.1	56
Top and body repair  Other auto repair  Automotive services, exc. repair	11.3	8.9	1,768	2,308	490	648	108.1	108.
Commercial sports, other amusement,	1		1.00	107		Diversi	100	-2-
recreation services. recreation services. Health services, except hospitals <sup>3</sup> . Offices of physicians Offices of dentists	75.2	86.7	8,997	14,730	2,419	4,168	301.5	407.
Health services, except hospitals 3	443.1	542.6	54,386	101,220	20,952	42,632	1,821.0	2,433.
Offices of dentiets	189.1 99.3	234.8	28,756	53,241 16,814	11,854 3,044	24,576 5,788	624.0 284.4	822. 402.
Medical and dental laboratories	15.7	17.2	2,459	4.245	960	1.620	87.9	103
Legal services	167.9	203.0	18,696	36,930	5,217	12,554	392.0	569.
Medical and dental laboratones. Legal services.  Selected educational services 3  Correspondence and vocational schools Schools and educational services, n.e.c. 4  Engineering, architectural, surveying services.  Accounting, auditing, bookkeeping services.  Social and other services  Social services  Child day care services	81.8	107.6	1,836	3,228	493	822	61.2	68.
Correspondence and vocational schools	(NA)	(NA)	(NA)	(NA)	302	508	61.2 34.1	38.
Schools and educational services, n.e.c.	(NA)	(NA) 96.9	(NA)	(NA)	186	309	26.2	30.
ingineering, architectural, surveying services	75.6	96.9	14,737	35,557	6,292	14,717	373.2	581.
Social and other services	126.1 270.7	179.8	7,990 5,732	15,950	1,073	5,933 1,884	230.9 191.4	330.
Social services	(NA)	(NA)	(NA)	(NA)	866	1,477	177.4	222
Child day care services	(NA) (NA)	(NA)	(NA)	(NA)	339	616	87.5	123.
				-	72	10.00	1 X X X	
Firms exempt from Federal income tax	(x)	147.1	(x)	54,522	(x)	23,142	(x)	2,260.
Research testing consulting senders	(x)	4.1	(x)	513	(x)	155	00	22
Selected amusement, rec. related services	100	1.0	(X) (X) (X)	2,612 5,107	8888	1,251 2,105	(X) (X) (X)	53. 213.
Hotels, camps, membership lodging. Research, testing, consulting services. Selected amusement, rec., related services. Selected health services 3.	(X) (X) (X) (X) 8.7	10.0	4,764	10,438	2,516	5,197	333.0	476.
		3.0	2,216	4,752	1.203	2.597	201.8	283.
Outpatient care facilities	4.2	4.7	1,805	3,957	918	1,657	85.2	108.
Outpatient care facilities. Legal aid societies, similar legal services. Selected educational services. Social services.	1.1	1.3	259	421	153	252	12.4	14.
selected educational services	4.1	4.3	702	1,150	315	487	49.4	52.
Child day care services	10.6	52.6 12.7	8,295 829	16,455	4,124 495	7,521	102.4	903. 135.
Selected memberahip organizations 3	58.1	61.3	8,489	1,494	3,073	5,196	417.3	492
Business associations	11.7	12.1	2,308	4,651	822	1,468	68.8	80.
Child day care services.  Selected membership organizations <sup>3</sup> Business associations  Civic, social, and fraternal associations.  Noncommercial educational, scientific, and	34.1	35.5	3,606	5,557	1,342	2,078	255.9	295.
the same of the sa	200			4.00				
research organizations	1.9	1.9	1,437	2,733	595	977	47.8	49.

NA Not available. X Not applicable. ¹ Data for number of establishments and receipts of firms subject to Federal income tax include establishments without psyroll. Receipts refer to establishments subject to Federal income tax. ² For psy period including March 12. ² Includes other lands of businesses, not shown separately. ⁴ N.e.c. means not elsewhere classified. ² Data revised since originally published; revisions not carried to the broader kind-of-business level.

Source: U.S. Bureau of the Census, Cansus of Service Industries, 1977, Geographic Area Series, vol. II; 1982 Cansus of Service Industries, Geographic Area Series, series SC82-A-52 and change sheet.

No. 1320. SERVICES—ESTABLISHMENTS, EMPLOYEES AND PAYROLL: 1960 TO 1965

udes government employees, railroad employees, self-employed persons, etc. For statement on methodology, see
Appendix III]

	ESTABL	SHMENTS	(1,000)	EMPLOYEES (1,000)			
KIND OF BUSINESS	1980	1984	1985	1980	1984	1985	roll 198 (bil dol
Services, total <sup>2</sup>	1,278.2	1,664.9	1,711.8	17,195	20,349	21,543	346
ils and other lodging places 2	41.4	48.1	48.0	1,086	1,200	1,264	12
otels, motels, and tourist courts	32.1	37.3	37.0	1,034	1,152	1,210	12
onal services 2undry, cleaning, and garment services 2	152.3	175.9	175.2	953	1,029	1,069	10
undry, cleaning, and garment services 2	40.2	45.5	44.9	359	363	372	3
Coin-operated laundries and cleaning	9.7	10.6 18.6	17.2	132	139	139	1
Dry cleaning plants, except rug	65.7	73.8	72.1	285	311	318	1 2
neral service and crematories	14.0	14.9	14.6	71	76	75	1
ness services <sup>1</sup>	161.4	241.6	258.4	2.996	3,834	4.272	72
tvertising.	10.6	14.0	15.6	140	168	185	5
Advertising agencies	7.4	9.9	9.8	100	120	127	3
alling, reproduction, stenographic	14.6	20.4	20.3	136	174	190	3
Commercial photography and art.  vices to buildings  sonnel supply services  mputer and data processing services **	7.0	10.2	10.2	53 497	575	64	1 6
rsonnel supply services	13.7	16.9	17.9	569	724	865	1 8
imputer and data processing services *	13.6	24.7	26.1	303	462	515	13
Computer programming and software	4.4	10.7	10.9	83	168	193	1
Data processing servicesscellaneous business services *	6.2	7.5	7.6	187	234	253	1.5
scellaneous business services 1	75.5	117.3	120.4	1,270	1,629	1,766	32
Management and public relations Detective and protective services	27.2	43.9	43.9	325	465	512	11
equipment rental and leasing	12.1	10.1 20.5	10.1 23.0	338 115	384 197	216	1
repair, services, and garages <sup>2</sup>	99.5	126.1	127.6	560	626	676	1
tomotive rentals, without drivers	8.7	9.6	9.7	101	107	120	13
tomotive repair shopstomotive services, except repair	75.1 7.9	97.1 10.8	96.4 11.1	359 62	404 74	420 83	
ellaneous repair services	48.0	56.1	56.7	319	310	327	١,
dio and television repair	7.2	6.8	6.3	37	33	31	
on pictures	14.9	17.5	18.2	208	202	229	4
otion picture theaters	9.5	9.1	8.6	109	95	96	
sement and recreation servicesambership sports and recreation clubs	45.5 9.5	60.1 13.8	60.2 13.2	706 172	740 209	768 215	2
th services *		384.3	390.2	5,258	6,202	6,337	116
fices of physicians	147.2	180.1	180.1	742	897	924	32
fices of dentists	85.7 8.9	98.3	96.4 15.3	351 22	430	445	1
fices of ontometrists	12.5	14.8	14.6	38	47	50	
fices of optometrists ursing and personal care facilities	12.8	15.5	16.0	1,002	1,151	1,206	11
ospitals	5.3	5.7	5.8	2,673	2,993	2,944	52
edical and dental laboratories	10.8	13.1	13.2	98	109	112	1
Itpatient care facilities	8.6	11.7	12.5	165	223	251	1 4
I services	97.3 23.3	124.6 29.3	125.7 30.1	503 1,246	1,476	1,517	15
lleges and universities	2.4	2.8	2.8	820	968	985	13
il services	60.6	87.1	88.1	1,024	1,198	1,291	12
sidential care	9.9	14.5	14.9	214	259	280	1
bership organizations 3	130.7	177.9	176.0	1,214	1,507	1,552	15
siness associations	11.7	11.9	11.7	79	84	87	
bor organizations	20.8 30.5	21.6	20.6 35.6	172 279	167	170 311	1 3
vic and social associations	30.5 56.0	36.3 92.9	93.0	573	824	851	É
neering and architectural services	37.5	49.5	53.2	524	603	667	19
	40.8	56.7	58.1	302	371	400	1 8

d Industrial Classification; see text, section 13. Includes industries not shown separately.

J.S. Bureau of the Census, County Business Patterns, annual.

No. 1321. Service Industries—Annual Receipts of Taxable Firms: 1980 to 1986
[In millions of dollars. Estimated]

SIC 1	KIND OF BUSINESS	1980	1982	1963	1984	1985	1986
70	Hotels, rooming houses, camps, and other lodging places	(NA)	(MA)	(NA)	(NA)	44,414	45.95
701	Hotels, motels, and tourist courts	26,952	32,749	35,870	(NA) 38,859	41,742	43,31
72	Personal services 2	25,133	28,463	32,278	34,036	36,978	39.40
721	Laundry, cleaning, and garment services	9,213	9,913	10,621	11,895	12,641	13.06
723	Beauty shops	5,798	6,437	7,731	8,048	8,591	9.04
726	Funeral service and crematories	3,491	3,936	4,267	4,726	5,278	5,51
73	Business services *	(NA)	(NA)	(NA)	(NA)	181,986	198,74
731	Advertising	(NA)	(NA)	11,979	13,645	16,334	17,34
7311	Advertising agencies	(NA)	(NA)	9,179	10,358	12,432	13,15
733	Mailing, reproduction, commercial art and photography,			100	10/55/31		1
7333	and stenographic services	(NA)	(NA)	(NA)	(NA)	10,740	11,69
734	Commercial photography, art, and graphics	(NA)	(NA)	(NA)	(NA)	4,551	4,69
7349	Services to dwellings and other buildings	(NA)	(NA)	9,970	11,100	12,545	13,82
	other buildings, n.e.c. <sup>a</sup>	(NA)	(NA)	(NA)	(NA)	10,036	11,24
736	Personnel supply services 2	(NA)	(NA)	10,662	14,068	16,006	18,01
7361	Employment agencies	(NA)	(NA)	(NA)	(NA)	4,440	4,81
7362	Temporary help supply services		(NA)	(NA)	(NA)	9,199	10,44
737	Computer and data processing services	(NA)	(NA)	24,673	28,613	32,093	35,79
7372	Computer programming and other software services	(NA)	(NA)	9,448	11,411	12,590	14,38
7374	Data processing services	(NA)	(NA)	11,034	12,409	13,321	14,42
7379	Computer related services, n.e.c. <sup>3</sup>	(NA)	(NA)	4,191	4,793	6,182	6,98
7391	Research and development laboratories 4	(NA)	(NA)	(NA)	(NA)	7,698	8.86
7392	Management, consulting, and public relations services 4		(NA)	(NA)	(NA)	33,515	36,78
7393	Detective agencies and protective services	(NA)	(NA)	6,140	6,932	7,985	8.89
7394	Equipment rental and leasing services	(NA)	(NA)	(NA)	(NA)	16,451	17,07
75	Automotive repair, services, and garages 2	30,547	33,784	37,304	43,615	51,543	53,56
751	Automotive rental and leasing 1	8,759	9,751	10,754	12,569	14,510	15,38
7512	Passenger car rental and leasing	4,691	5,290	6,124	7,365	8,743	9,31
7513	Truck rental and leasing	3,988	4,383	4,492	4,955	5,329	5.57
753	Automotive repair shops	18,077	20,415	22,697	25,877	30,883	32.02
76	Miscellaneous repair services		16,032	15,978	17,230	19,889	20,91
78	Motion pictures	12.509	13.964	14.630	15,797	17.002	18.20
781,2 79	Motion picture production, distribution, and allied services  Amusement and recreation services, except motion	(NA)	(NA)	(NA)	(NA)	12,697	13,56
	pictures <sup>3</sup>	(NA)	(NA)	(NA)	(NA)	25,418	27,17
792	Theatrical producers, bands, orchestras, and entertainers 4	(NA)	(NA)	(NA)	(NA)	4,947	5,91
794	Commercial sports	(NA)	(NA)	(NA)	(NA)	4,963	5,02
80	Health services 2 5	(NA)	(NA)	(NA)	(NA)	151,225	167,47
801	Offices of physicians	38,754	50,663	56,985	62,599	68,499	75,13
802	Offices of dentists	12,639	16,071	17,255	18,629	20,187	21,42
804	Offices of other health practitioners	(NA)	(NA)	(NA)	(NA)	7,551	8,31
805	Nursing and personal care facilities 4		(NA)	(NA)	(NA)	17,632	19,22
808	Hospitals 4  Outpatient care facilities 4	(NA)	(NA)	(NA)	(NA)	18,796 8,967	21,58
955		4.5	100	1.00	1000		1 (27/2)
81	Legal services 1 8	(NA)	(NA)	(NA)	(NA)	51,677	57,14
891	Engineering, architectural, and surveying services	(NA)	(NA)	36,240	39,067	43,617	45,39
893	Accounting, auditing, and bookkeeping services	(NA)	(NA)	17,113	18,984	22,308	24,06
4722	Arrangement of passenger transportation	(NA)	(NA)	4,784	5,765	6,965	7,35
653	Real estate agents and managers 5	(NA)	(NA)	21,773	25,408	31,257	34,85

NA Not available. 

Standard industrial Classification, see text, section 13. 

Includes other kinds of businesses, not shown separately. 

Ne.c. means not elsewhere classified. 

For data on tax-exempt organizations, see table 1322 

Excludes nonemployers.

# No. 1322. SELECTED SERVICE INDUSTRIES—ANNUAL REVENUES OF TAX-EXEMPT FIRMS: 1985 AND 1986

# [in millions of dollars. Estimated]

SIC 1	KIND OF BUSINESS	1985	1986	SIC 1	KIND OF BUSINESS	1906	1996
792,7997, 7999 605,6,8,9 805	Selected business services <sup>2</sup> Selected amusement services <sup>3</sup> Selected health services <sup>4</sup> Nursing and personal care fa- cilities	5,583 141,560 6,608	5,174 5,943 154,570 7,181	81 833 835 836 892	Legal services.  Job training and vocational re- habilitation services.  Child dey care services.  Residential care Noncommercial educational, scientific, and research orga-	374 3,399 2,971 5,737	3,630 3,219 6,301
808 808	Hospitals Outpetient care facilities		136,509 7,372	l	nizations	4,440	4,873

Standard industrial Classification; ses text, section 13.
 "Covers research and development taboratories (SIC 7391); management, consulting, and public relations services (SIC 7392); and commercial teeting laboratories (SIC 7397).
 "Covers theatrica producers, bands, orchestras, and entertainers (SIC 792); membership sports and recreation clubs (SIC 7997); and amusement and recreation services, not elsewhere classified (SIC 7999).
 "Includes health and allied services, not elsewhere classified (SIC 909).

Source of tables 1321 and 1322: U.S. Bureau of the Census, Current Business Reports, series BS, 1886 Service Annual Survey.

# No. 1323. HOTEL AND MOTOR HOTEL OPERATIONS—OCCUPANCY RATIO, SALES INDEXES, AND ROOM RATE INDEX: 1970 TO 1986

Annual averages of monthly figures. Based on monthly reports from lodging establishments (approximately 1,400 in 1985). Prior to 1880, economy operations were excluded. See table 1324

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
occupancy ratio (percent)	55	62	66	68	72	71	68	67	65	65	66	64	65
laies indexes (1967 = 100): Total sales. Room sales. Restaurant sales.	107 112 100	132 145 119	147 164 129	163 185 139	188 218 156	210 249 167	234 283 180	251 305 191	256 313 193	267 329 198	289 361 209	294 370 209	308 390 214
loom rate Index (1967 = 100)	125	165	178	194	220	255	295	326	348	361	387	404	419

Source: Leventhol & Horweth, Philadelphia, PA, National Trend of Business in the Lodging Industry, monthly. (Copyright.)

#### No. 1324. THE LODGING INDUSTRY, BY TYPE OF ESTABLISHMENT—SUMMARY: 1985 AND 1986

An economy lodging establishment offers cleen, standard-eized, fully-furnished modern rooms at usually \$10.00 to \$20.00 per night below the rate of typical full-service motor hotels. Their customers do not need food tacilities, banquet rooms or meeting facilities, indoor recreation areas, or entertainment. An All-suite hotels have rooms, only suites. A suite differs from a hotel room by several characteristics. Generally, there is a separate bedroom, and guest amenities often include "extras" such as a wet bar or microverve, and in some cases a full titchen. A resort hotel is a lodging facility providing an environment conductive to leisure and recreation and an ambience of icotation/destination withe providing a full range of lessure oriented amenities. Besed on Annual Surveys of Lodging Establishments. Covers approximately 800 full-service, 300 economy, 60 all suits, and 180 resort establishments in 1996. All figures except percents are medians. For definition of median, see Guide to Tabular Presentation]

	FULL-8	ERVICE	ECON	IOMY	ALL-6	LUITE	RES	ORT
ITEM	1905	1666	1996	1896	1996	1986	1985	1996
loom occupency rate	53.81	64.9 56.29 21,739 6,790 -3.6	96.7 29.09 7,066 1,487 5.7	96.3 29.04 7,719 1,598 20.8	69.3 72.44 22,045 6,376 (NA)	70.3 63.33 17,891 6,713 (NA)	66.1 67.62 26,958 11,861 -3.9	98.8 98.14 25,460 9,244
Imployees 1 per 100 available rooms	53.2 35,757 44.1	41.7 48,582 39.2 34.6	(MA) (NA) 53.3 30.3	(NA) (NA) 58.9 31.5	38.9 43,134 57.8 26.7	41.8 48,513 59.9 22.8	87.4 29,759 6.0 67.8	61.5 44,108 8.9 88.7
Conference participants		15.2 86.8	2.6 40.1	4.9 44.2	12.6 60.8	11.2 81.9	24.1 82.6	21.9 <b>82.</b> 2

NA Not available. <sup>1</sup> Full-time equivalent employees.

Source: Leventhol & Horwath, Philadelphia, PA, U.S. Lodging Industry, annual; U.S. All-Suite Lodging Industry, annual; U.S. Sonomy/Limited-Service Lodging Industry, annual; and U.S. Resort Lodging Industry, annual.

# No. 1325. COMPUTER AND DATA PROCESSING—RECEIPTS BY SOURCE: 1977 AND 1982 [In millions of dollars. For establishments with payroll]

	TO	TAL		UTER		DATA PR	OCE88W	IG.		PUTER
			MI	IRAM- IG <sup>I</sup>	To	otal		uding illies	SER	ATED VICES E.C.) <sup>8</sup>
RECEIPT SOURCE	1977	1982	1977	1982	1977	1982	mer		Ť	
			10.7				1977	1982	1977	1962
Total	7,478	21,810	1,982	8,186	4,474	10,000	4,965	9,406	1,010	3,526
Prepackaged	1,984	{ 1,608 4,582	}1,771	{1,515 4,175	} 192	{ 78 377	} 185	{ 70 352	}ow	{ 14 31
tesearch and development 4	. 36	8,831	24 72	53 249	10 3,652	8,371	10 3,642	8,357	(24)	11
facilities management	445	698	25	34	416	657	18	43	(NA)	6
equipment tental, sales, licensing of integrated systems	452	1,063	13	131	21	90	21	85 181 96	(NA)	642 1 22
Insulting and planning *	) JOO	713 2,155 583	30 57	167 156 205	128	111 20 195	127	18 190	(NA)	436 1,979 181

NA Not available. 
<sup>1</sup> And related softwere. 
<sup>2</sup> Operation of customers' in-houre operation. 
<sup>3</sup> Not elsewhere classified. 
<sup>4</sup> Of hardware. 
<sup>5</sup> Except finance lessing. 
<sup>6</sup> Except programming services.

Source: U.S. Bureau of the Ceneus, Ceneus of Service Industries: 1977, Subject Series, SC-77-S-9, and 1982 Ceneus of Service Industries, Miscellaneous Subjects, SC 62-H-5.

No. 1326. Service industries—Summary of Establishments with Payroll, by State: 1962

			FIRM	S SUBJEC	TO FEDE	RAL INCOM	ME TAX				TAX-EX	
		Establi	shments			Receipts	(mil. dol.)		100	1.77	FIRMS	
DIVISION AND STATE	Total 1 (1,000)	Busi- ness serv- ices	Per- sonal serv- ices	Auto- motive repair <sup>2</sup>	Total 1	Busi- ness serv- ices	Per- sonal serv- ices	Auto- motive repair <sup>2</sup>	Annual payroli (mil. dol.)	Paid employ- ees <sup>3</sup> (1,000)	Estab- lishments	Revenue (mil. dol.)
U.S	1,261.7	215,125	167,749	115,481	426,982	106,866	22,980	30,695	158,625	11,106.1	147,061	61,488
MENHVTMARICT	5.9 5.5 3.2 33.9 5.4 19.6	614 853 376 6,092 851 4,065	661 695 391 4,861 857 2,872	537 498 261 3,104 544 1,577	1,204 1,246 662 13,317 1,351 6,408	141 234 73 4,071 310 1,959	71 86 38 618 85 379	120 116 43 862 119 437	420 457 224 5,363 514 2,392	37.9 38.2 23.2 353.3 41.3 170.9	1,133 990 772 5,022 811 2,495	266 210 144 2,584 324 927
AA: NY NJ PA	102.9 45.5 55.0	21,477 8,959 8,255	13,073 6,254 8,152	8,214 4,052 5,996	43,804 16,349 19,083	14,745 4,618 4,581	1,948 802 1,038	2,210 1,058 1,390	15,777 6,020 7,045	982.6 401.4 485.9	11,693 3,544 9,424	8,277 1,364 3,267
OHININ	52.1 24.4 57.6 43.7 22.8	7,922 3,493 11,453 6,390 3,271	8,066 3,768 7,746 5,802 3,845	5,039 2,577 5,030 3,887 1,925	15,515 6,252 21,396 13,448 5,956	3,680 1,170 6,130 3,155 1,077	1,096 499 1,206 839 433	1,331 622 1,501 1,070 472	6,091 2,313 8,170 5,312 2,450	450.8 187.6 547.7 362.8 190.3	7,129 3,622 6,934 5,076 3,222	2,557 1,036 3,994 1,886 1,085
MN.C.: MN A MO ND SD NE KS	20.0 14.6 25.6 3.1 3.5 8.5 12.7	3,578 1,671 3,974 382 394 1,174 1,798	2,895 2,544 4,015 599 540 1,439 1,933	1,706 1,526 2,659 292 357 944 1,312	6,472 3,364 8,160 811 674 2,229 3,064	1,502 640 2,124 106 75 496 592	426 250 505 64 53 156 235	462 299 730 75 61 210 267	2,535 1,209 3,078 310 234 803 1,140	198.0 105.7 225.3 23.4 21.4 66.3 92.1	3,575 2,685 3,072 719 746 1,403 2,171	1,747 727 1,217 180 154 409 493
B.A.: DE	3.2 22.6 6.3 27.6 7.4 27.1 13.9 28.2 68.7	569 4,255 1,571 5,023 723 3,739 1,817 4,836 12,025	474 2,989 505 4,172 1,327 4,316 2,080 3,894 8,753	299 1,798 403 2,496 630 2,746 1,357 2,825 5,757	850 8,583 4,218 9,177 1,759 6,268 3,301 8,795 21,542	171 3,107 1,156 2,882 201 1,205 490 2,332 4,539	50 447 99 553 146 538 243 495 1,095	90 538 123 616 109 586 276 766 1,736	330 3,404 1,597 3,675 633 2,371 1,255 3,231 8,082	27.4 228.1 88.4 255.3 50.2 198.4 105.1 242.8 600.7	485 2,580 2,008 3,145 1,241 3,076 1,383 2,659 5,468	153 1,411 3,193 1,552 264 830 291 842 1,957
KY	14.7 21.4 15.9 9.7	1,681 3,063 2,127 1,082	2,410 3,311 2,694 1,460	1,355 2,099 1,691 984	3,678 6,344 4,339 2,172	579 1,504 777 333	300 446 291 151	288 509 406 187	1,336 2,346 1,606 782	111.9 177.3 125.6 68.2	1,882 2,483 1,661 1,309	527 719 422 266
N.S.C.: AR LA OK	10.1 22.1 16.7 85.7	1,189 3,853 2,718 16,195	1,536 2,344 1,980 10,946	1,083 2,035 1,483 8,481	2,177 7,696 5,097 32,038	278 2,075 1,182 8,159	181 361 305 1,754	221 467 367 2,481	805 2,685 1,794 11,442	68.6 202.3 132.9 783.0	1,339 1,726 1,785 7,167	298 495 509 2,594
ML: MT	5.0 5.1 3.5 21.7 7.4 17.3 7.9 6.2	584 591 462 4,077 1,058 3,175 1,290 1,052	604 682 369 2,415 988 2,132 743 671	483 484 302 1,944 721 1,507 744 492	1,006 1,088 894 7,325 2,408 5,070 2,173 6,060	112 169 178 1,660 943 1,113 416 520	58 70 39 349 102 292 104 149	95 97 69 548 157 395 224 162	345 396 280 2,596 883 1,881 770 2,112	31.6 33.5 22.9 191.1 61.2 147.8 59.8 152.3	977 626 538 2,239 954 1,591 647 453	163 303 94 920 255 538 191
WA OR CA AK	25.4 16.3 170.4 2.6 6.1	3,914 2,398 31,469 523 1,024	3,321 1,857 16,868 237 663	2,148 1,375 14,991 164 567	7,359 3,899 67,083 1,155 2,660	1,673 686 16,387 248 314	405 223 2,761 46 101	547 328 4,536 67 249	2,794 1,430 24,569 434 904	198.1 112.3 1,530.9 21.2 71.1	3,349 2,053 14,561 558 860	1,108 551 7,453 196 433

Includes other establishments and receipts, not shown separately.
 For the pay period including Merch 12.
 Source: U.S. Bureau of the Ceneus, 1982 Ceneus of Service Inclustries, Geographic Area Series, SC82-A-1 to 52.



Section 29

# Foreign Commerce and Aid

This section presents data on the flow of goods, services, and capital between the United States and other countries; changes in official reserve assets of the United States; international investments; foreign assistance programs; and import duties.

The Bureau of Economic Analysis publishes current figures on U.S. international transactions and the U.S. international investment position in its monthly Survey of Current Business. Figures for earlier periods are presented in Balance of Psyments—Statistical Supplement, 1963 revised edition, in the periodic Foreign Grants and Credits by the United States Government, and in the June issues of the Survey of Current Business. Statistics for the foreign aid programs are presented by the Agency for international Development (AID) in its annual U.S. Overseas Loans and Grants and Assistance from International Organizations; and by the Department of Agriculture in its Foreign Agricultural Trade of the United States.

The principal source of merchandise import and export data is the Bureau of the Census. Current data are presented monthly in Report FT 135, U.S. General Imports, Schedule A: Commodity by Country; Report FT 410, U.S. Exports, Schedule E: Commodity by Country; and Report FT 980, Highlights of U.S. Export and Import Trade. The Bureau of the Census Catalog and the Guide to Foreign Trade Statistics lists the Bureau's monthly and annual reports in this field. In addition, the International Trade Administration and the Bureau of Economic Analysis present summary as well as selected commodity and country data for U.S. foreign trade in the Overseas Business Reports and the Survey of Current Business, respectively. The merchandise trade data in the latter source include belance of payments adjustments to the Census data. The Treasury Department's Monthly Treasury Statement of Receipts and Outlays of the United States Government contains information on import duties.

International accounts.—The international transactions tables (Nos. 1327-1329) show, for given time periods, the transfer of goods, services, grants, and financial assets and liabilities between the United States and the rest of the world. The international investment position table (No. 1330) presents, for specific dates, the value of U.S. investments abroad and of foreign investments in the United States. The movement of foreign and U.S. capital as presented in the belance of payments is not the only factor affecting the total value of foreign investments. Among the other factors are changes in the valuation of assets or liabilities, including changes in prices of securities, defaults, expropriations, and write-offs.

Direct investment abroad means the ownership or control, directly or indirectly, by one person of 10 percent or more of the voting securities of an incorporated business enterprise or an equivalent interest in an unincorporated business enterprise. Direct investment position is the value of U.S. perents' claims on the equity of, and receivables due from, foreign affiliates, less foreign affiliates' receivables due from their U.S. perents. Income consists of perents' shares in the earnings of their affiliates plus net interest received by perents on intercompany accounts, less withholding taxes on dividends and interest.

Foreign aid.—Foreign assistance is divided into three major categories—grants (military supplies and services and other grants), credits, and other assistance (through net accumulation of foreign currency claims from the sale of agricultural commodities). Grants are transfers for which no payment is expected (other than a limited percentage of the foreign currency "counterpart" funds generated by the grant), or which at most involve an obligation on the part of the receiver to extend aid to the United States or other countries to achieve a common objective. Credits are loan disburse-

ments or transfers under other agreements which give rise to specific obligations to repay, over a period of years, usually with interest. All known returns to the U.S. Government stemming from grants and credits (reverse grants, returns of grants, and payments of principal) are taken into account in net grants and net credits, but no allowance is made for interest or commissions. Other assistance represents the transfer of U.S. farm products in exchange for foreign currencies (plus, since enactment of Public Law 87-128, currency claims from principal and interest collected on credits extended under the farm products program), less the Government's disbursements of the currencies as grants, credits, or for purchases. The net acquisition of currencies represents net transfers of resources to foreign countries under the agricultural programs, in addition to those classified as grants or credits.

Figures as published in the Foreign Grants and Credits series are not identical with figures shown for Government unilateral transfers and capital in the balance of payments, mainly because of differences in treatment of particular items by the two sets of accounts. Such items include contributions to the multilateral construction program of the North Atlantic Treaty Organization, Government investments in certain productive enterprises abroad, Government receipts on funded claims, and net changes in foreign currency holdings resulting from transactions other than those under the farm products program, such as collections of principal and interest and purchases for dollars.

The basic instrument for extending military aid to friendly nations has been the Mutual Defense Assistance Program authorized by the Congress in 1949. Prior to 1952, economic and technical aid was authorized in the Foreign Assistance Act of 1948, the 1950 Act for International Development, and other legislation which set up programs for specific countries. In 1952, these economic, technical, and military aid programs were combined under the Mutual Security Act, which in turn was followed by the Foreign Assistance Act passed in 1981. Appropriations to provide military assistance were also made in the Department of Defense Appropriation Act (rather than the Foreign Assistance Appropriation Act) beginning in 1986 for certain countries in Southeast Asia and in other legislation concerning programs for specific countries (such as Israel). Figures on activity under the Foreign Assistance Act as reported in the Foreign Grants and Credits series differ from data published by AID or its immediate predecessors, due largely to differences in reporting, timing, and treatment of particular items.

Exports.—The Bureau of the Census compiles export data primarily from Shipper's Export Declarations required to be filed with customs officials for shipments leaving the United States. They include U.S. exports under mutual security programs and exclude shipments to U.S. Armed Forces for their own use.

The value reported in the export statistics is generally equivalent to a free alongside ship (f.a.s.) value at the U.S. port of export, based on the transaction price, including inland freight, insurance, and other charges incurred in placing the merchandise alongside the carrier at the U.S. port of exportation. This value, as defined, excludes the cost of loading merchandise aboard the exporting carrier and also excludes freight, insurance, and any other charges or transportation and other costs beyond the U.S. port of exportation. The country of destination is defined as the country of ultimate destination or country where the merchandise is to be consumed, further processed, or manufactured, as known to the shipper at the time of exportation. When ultimate destination is not known, the shipment is statistically credited to the last country to which the shipper knows the merchandise will be shipped in the same form as exported.

For certain low-valued shipments, the export statistics since July 1953 include estimates based upon selected samples of such shipments with lower and upper value limits of the sampled shipments varying (Canada excepted) from \$100-\$499 for July 1953-September 1969, \$251-\$499 for October 1969-February 1979, and \$501-\$999, for March 1979-June 1981. For July 1981-December 1984, the statistics for countries other than Canada reflect fully compiled data for shipments valued over \$500. For Canada, the upper value limit was \$1,999 during the period January 1963- December 1984, and lower value limits were raised to \$251 and \$501 in October 1969 and March 1979, respectively. Beginning 1985, data for low-valued exports to all countries are estimated using factors based on the ratios of low-valued shipments to individual country totals. From January, 1985 through December 1986, data are estimated for all shipments valued under \$1,001. Effective January 1987, data are estimated for shipments valued under \$1,501. Shipments valued under \$1,501 represent slightly less than 2.5 percent of the total value of exports.

Beginning January 1978, the Export Classification Schedule was based upon Schedule E, Standard International Trade Classification, Revision 2. This revision affects the comparability of some export statistics.

Imports.—The Bureau of the Census compiles import data from various customs forms required to be filed with customs officials. From 1974-1981, data on import values were presented on three bases: The transaction values f.a.s. (free alongside ship) at the foreign port of export, the c.i.f.

(cost, insurance, and freight), and the previously reported customs import value (as appraised by the U.S. Customs Service in accordance with legal requirements of the Tariff Act of 1930, as amended). This latter valuetion, primarily used for collection of import duties, frequently did not reflect the actual transaction value. Beginning 1982, import data are based on customs values, i.e., the price paid by the buyer to the seller in accordance with the 1979 Trade Agreement Act amendments to the 1930 Tariff Act. For the c.i.f. imports, the new customs value was substituted for the arms-length transaction value used for 1981 and earlier years. The f.a.s. transaction values were discontinued as of January 1982. Country of origin is defined as country where the merchandise was grown, mined, or manufactured. If country of origin is unknown, country of shipment is reported.

Imports are classified either as "General imports" or "Imports for consumption." General imports are a combination of entries for immediate consumption, entries into customs bonded warehouses, and entries into U.S. Foreign Trade Zones, thus generally reflecting total arrivals of merchandise. Imports for consumption are a combination of entries for immediate consumption, withdrawals from warehouses for consumption, and entries of merchandise into U.S. customs territory from U.S. Foreign Trade Zones, thus generally reflecting the total of the commodities entered into U.S. consumption channels.

Since July 1953, the import statistics include estimates, not classified by commodity, for certain low-valued shipments. For July 1953-July 1965, entries valued under \$100, in general, were estimated, while entries valued under \$251 have been estimated for the period July 1965-December 1984. Since January 1985, import statistics include estimates for shipments valued under \$1,001. The estimated low-valued shipments generally amount to about 4 percent of the import total.

Area coverage.—Except as noted, the geographic area covered by the export and import trade statistics is the United States Customs area (includes the 50 States, the District of Columbia and Puerto Rico), the U.S. Virgin Islands (effective January 1981), and U.S. Foreign Trade Zones (effective July 1982). Data for selected tables and total values for 1980, have been revised to reflect the U.S. Virgin Islands' trade with foreign countries, where possible.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to Historical Statistics of the United States, Colonial Times to 1970. See Appendix IV.

Statistics for States and metropolitan statistical areas (MSAs).—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986*. For cross-references, see Appendix V.

Figure 29.1 U.S Exports and Imports-Annual Percent Change: 1970 to 1986

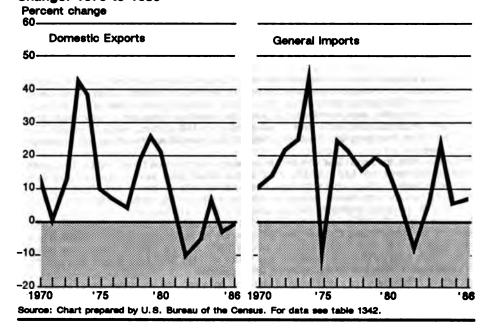
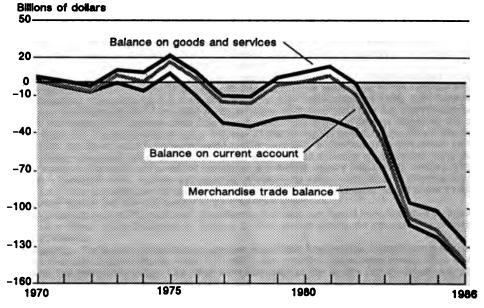


Figure 29.2 U.S. International Transaction Balances: 1970 to 1986



Source: Chart prepared by U.S. Bureau of the Census. For data see table 1327.

No. 1327, U.S. INTERNATIONAL TRANSACTIONS-SUMMARY: 1960 to 1987

ine of dollars. Receive assets are for and of period. Minus sign (-) indicates debits, see headnote, table 1329]

YEAR	Mer- chendise trade bal- ance 1	Net invest- ment income	Net mili- tary trans- ac- tions	Net travel and trans- porta- tion re- ceipts	Other serv- ices, net	Bai- ance on goods and serv- ices	Uni- lateral trans- fers <sup>1</sup>	Bai- ance on cur- rent ac- count	Net for- eign ae- sets in U.S.	Net U.S. assets abroad	Net U.S. offi- cial re- serve se- sets
	5.0 3.8 3.8 .6	3.4 5.3 5.0 5.3 6.0 6.0	-2.8 -2.1 -2.9 -3.2 -3.1 -3.3	-1.0 -1.3 -1.3 -1.8 -1.5 -1.6	.6 1.5 1.5 1.7 1.8 2.0	5.2 8.4 6.1 5.8 3.7 3.5	-2.4 -2.9 -3.1 -3.3 -3.1	2.8 5.4 3.0 2.6 .6	2.3 .7 3.7 7.4 9.9 12.7	-4.1 -5.7 -7.3 -9.8 -11.0 -11.6	19.4 15.5 14.9 14.8 15.7 17.0
	-2.3 -6.4 .9	6.2 7.3 8.2 12.2 15.5	-3.4 -2.9 -3.4 -2.1 -1.7	-2.0 -2.3 -3.1 -3.2 -3.2	2.3 2.6 3.0 3.4 4.2	5.8 2.4 -1.7 11.2 9.4	-3.4 -3.9 -4.1 -4.1 -7.4	2.3 -1.4 -5.8 7.1 2.0	6.4 23.0 21.5 18.4 34.2	-9.3 -12.5 -14.5 -22.9 -34.7	14.5 12.2 13.2 14.4 15.9
	-9.5 31.1 33.9	12.8 16.0 18.0 20.8 31.2	7 .6 1.5 .6 -1.8	-2.8 -2.6 -3.6 -3.6 -2.9	4.9 5.0 5.7 6.5 6.2	23.0 9.5 -9.5 -9.9 5.1	-4.9 -5.3 -5.0 -5.6 -6.1	18.1 4.2 - 14.5 - 15.4 - 1.0	15.7 36.5 51.3 84.0 38.8	-39.7 -51.3 -34.8 -61.1 -64.3	16.2 18.7 19.3 18.7 19.0
	-26.0 -36.4 -67.1	30.4 34.1 28.7 24.9 18.5	-2.2 -1.2 3 2 -1.9	-1.0 .1 -1.0 -4.2 -8.6	7.8 9.3 9.3 9.9 9.7	9.5 14.3 .3 -36.8 -94.8	-7.6 -7.5 -9.0 -9.5 -12.2	1.9 8.9 -8.7 -46.2 -107.0	58.1 83.0 93.7 84.9 102.5	-86.1 -111.0 -121.2 -49.8 -22.3	26.8 30.1 34.0 33.7 34.9
rter	- 144.3 - 38.8	25.4 20.8 5.5 1.6	-3.3 -3.7	-10.9 -9.9 -3.2 -3.1	9.9 11.4 2.8 2.7	101.1 125.7 33.7 38.2	-15.3 -15.7 -3.1 -2.9		129.9 213.4 26.8 45.1	-31.4 -95.0 15.5 -21.5	43.2 48.5 46.8 45.1

ints or rounds to zero. 1 Excludes military grants.

### 8. U.S. BALANCES ON INTERNATIONAL TRANSACTIONS, BY AREA AND SELECTED COUNTRY: 1984 TO 1986

[In millions of dollars. Minus sign (-) indicates debits]

	1984	BALANCE	ON-	1985	BALANCE	ON-	1986	, BALANCE	ON-
R COUNTRY	Mer- chandise trade <sup>1</sup>	Goods and services	Current	Mer- chandise trade <sup>1</sup>	Goods and services	Current	Mer- chandise trade <sup>1</sup>	Goods and services	Current
88	- 112,522	-94,835	- 107,013	- 122,148	- 101,093	-116,393	- 144,339	- 125,694	- 141,352
pe	-15,187	-29,843	- 30,485	-21,439	-27,419	-28,105	- 28,410	-34,922	- 35,500
unity 1	-11,394	-23.762	-23,703	-17,400	-22,238	-22.085	-22,111	-27,081	-27,065
ngdom	-2.217	-4.502	-4.285	-3,388	-5.650	-5,435	-3.990	- 13,046	- 12,763
Luxembourg	2,105	2,736	2,715	1,536	3,120	3,097	1,509	3,849	3,823
AMERICAL COLUMN PROPERTY OF THE PARTY OF THE		-1,853	-1.921	-2.810	-1.720	-1,790	-2.392	-690	-762
rmany	-8,651	-16,985	-16,643	-10,596	-16,378	-15,963	-14.268	-18,288	-17.766
energy control of the	-3.746	-3,807	-4,023	-4,798	-4,425	-4,638	-5.591	-3.266	-3,489
nds		638	620	3,130	2.804	2,785	3,555	4,353	4,334
em Europe		-6,082	-6.782	-4.039	-5.181	-6.020	-6.299	-7.841	-8,436
pe	0.000	2,323	2,144	1,411	1,621	1,418	45	519	359
THE PERSON NAMED IN TAXABLE OF THE PERSON NAMED IN	-14,593	-3,663	-3,842	- 15,004	-5.424	-5,666	-13,331	-2,371	-2,634
a, other Western	DY AL	0.6			1150,45	100000	16 700	10000	1.5
ere	- 18,598	-10,481	-12,895	-15,321	- 7,280	-10,205	-10,549	-3,733	-6,446
*****	-6,056	-3,857	-4,277	-5,718	-4,078	-4,586	-4,801	-3,194	-3,703
	-3,274	-2,523	-2,539	-3,458	-2,482	-2,501	-1,705	-1,132	-1,151
yanuntaaci waaaaanii	2,104	3,615	3,569	2,363	3,527	3,487	2,494	3,724	3,683
	191	362	339	-861	-489	-513	- 1,225	-737	- 765
mortorous common		-37,726	-37,792	-43,508	-45,217	-45,285	-54,403	-56,219	- 56,282
nd Africa	-31,498	-21,786	-29,173	-29,845	-22,095	-31,946	-38,862	-32,806	- 43,640
llocated	33	2,412	1,179	192	1,781	532		932	-34

ints zero. 

Adjusted to belance of payments besis; excludes exports under U.S. military sales contracts and ir direct defense expenditures.

Includes Denmark, Greece, Ireland, European Atomic Energy Community, and Steel Community, and European Investment Bank, not shown separately.

Includes New Zealand.

Includes Ryukyu letends.

Bureau of Economic Analysis, Survey of Current Business, June 1987.

Council of Economic Advisors, Economic Indicators, monthly, and Economic Report of the President, annual. Data year of Economic Analysis and U.S. Dept. of the Treesury.

No. 1828, U.S. International Transactions by Type of Transaction: 1970 to 1986

(In millions of dollars, Minus sign (-) indicates debits. See also Historical Statistics, Colonial Times to 1970, series U 1-25)

TYPE OF TRANSACTION	1970	1975	1977	1978	1979	1980	1981	1982	1963	1984	1985	1986
Exports of goods and services "	65,674	155,729	164,276	219,994	286,796	342,485	376,499	349,570	334,422	360,778	359,458	372,807
Merchandise, excl. military 2 2	42.469	107.088	120.816	142.054	184.473	224.269		1	201.820		Ü	224.361
Foods, feeds, and beverages	5,874	19,234	19,724	25,155	30,005	35,721	38,163	31,620	31,598	31,625	23,989	22,580
Industrial supplies and materials.	13,796	29,789	34,312	39,044	58,139	71,847			58,446			64,021
Capital goods, except automotive	14,659	36,639	39,766	46,471	58,843	74,210			68,887			79,824
Automotive vehicles and parts 4	3,870	10,794	13,536	15,742	18,402	17,540			18,657			25,431
Consumer goods (nonfood) 8	2,798	6,560	8,931	10,466	12,845	16,633			14,039			14,490
Transfers under U.S. military agency sales contracts	1,501	4,049	7,351	7,973	6,516	8,274			12,344			8,903
Travel and transportation	6,000	11,576	14,606	16,922	20,568	24,797			27,035			31,665
Miscellaneous services	3,957	7,666	9,325	10,801	11,107	12,641			15,972			19,670
Income on U.S. assets abroad	11,747	25,351	32,179	42,245	64,132	72,506			77,251			88,209
Direct Investment	8,169	16,595	19,673	25,458	38,183	37,146			20,499			36,697
Other private receipts	2,671	7,644	10,881	14,944	23,654	32,798			51,920			45,191
U.S. Government receipts	206	1,112	1,625	1,843	2,295	2,562			4,832			6,321
Transfer of goods and services under U.S. military grants,	2,713	2,207	203	236	465	756	679	585	180	153	4	101
Imports of goods and services	-59,901	-132,745	-193,764	-229,869	-281,659	-333,020	-362,155	-349,292	-371,188	-455,612	-460,550	-498,501
	-						-		-	000	000 000	
Merchandise, excl. military " "	39,866	-98,185	151,907	-176,001	-212,009	-249,749	-265,063	-247,642	-268,900	-332,422	-388,083	1368,700
***************************************	10,147	2000	13,901	10,38	17,300	120,000	10,113		904,00	2000	0000	
	0,045	10,030	2000	10,013	06,90	21,580	36,670		43,064	61,061	63 962	•
	2,5	12,086	10,350	24 003	26,433	27 903	30,805		43 501	5.8 577	65,022	
	7.409	13,000	21,796	28 943	30.566	34 445	38.664		46 969	61 262	-65 148	
	4 855	4 795	5 823	-7.352	8 294	10,511	11 224		12 587	-11.896	-12 009	
	-8.038	-14.388	-18.171	20,495	-23,503	-25.794	28 440		-31.262	-36.794	-39.647	
	-1,628	-2.813	-3.646	-4.342	-4.893	-4.848	-5.100		-6.064	-7.083	-7,972	
in U.S.	-5.516	-12,564	-14.217	-21,680	-32,960	-42,120	-52,329		-52,376	-67,419	-62,901	
	-875	-2.234	-2.834	-4,211	-6,357	-8,635	-6,898		-5,598	-9,229	62009-	
	-3,617	-5.788	-5.841	-8,795	-15,481	-20,893	-28,553		-28,953	-38,421	-35,516	
U.S. Government payments	-1,024	-4,542	-5,542	-8,674	-11,122	-12,592	-16,878		-17,825	-19,769	-21,306	
U.S. military grants of goods and services, net	-2,713	-2,207	-203	-236	-465	-756	-679	- 585	-180	-153	-46	-101
(inlisteral tradeface (avel millions practs) not	2449	4 000	6000		801.9	7 609	7.460	8 056	0.480	12 178	15 301	15.858
U.S. Government grants	1,736	2.884	-2.787	3,176	3.550	4.731	4.466	-6.501	-6.288	8.541	-11,222	-11,773
U.S. Govt. pensions, private remittances, other transfers	1 707	1 074	2 297	9256	-2578	2 882	-2 994	-3.455	-3.192	-3.637	4.079	-3.885

### U.S. International Transactions

Represents zero. 1 Excludes transfers of goods and services under U.S. military grant programs. 2 Excludes exports of goods under direct defense expenditures forbitted in Corness import documents, and reflects various other adjustments (for valuation, overage, and fining) of Corness extensive between the programs and services of the services of the rectues other end-use items, not shown expensive. 1 includes other end-use items, not shown expensive. 1 includes extensive automotive. 1 includes sales of foreign obligations to foreigners. 1 Not includes deservices. 2 includes foreign currency notes sold to private residents abroad.

Source: U.S. Bureau of Economic Analysis, Survey of Current Bustness, June 1987.

No. 1330. International Investment Position, 1960 to 1986, and by Selected Areas, 1966

[In billions of dollars. Estimates for end of year; subject to considerable error due to nature of basic data. Direct investments at book value; other types at market or face values. See Historical Statistics, Colonial Times to 1970, series U 28-39, for similar data)

TYPE OF INVESTMENT	1960	1965	1970	1976	1976	1977	1978	1979	190
U.S. net international investment position	85.6 19.4	61.6 120.4 15.5	58.5 165.4 14.5	74.2 295.1 16.2	83.6 347.2 18.7	<b>72.7</b> 379.1 19.3	76.1 447.8 16.6	94.5 510.6 19.0	106. 607. 26.
U.S. Government assets, other	49.2 40.9	23.5 81.4 58.8 116.8	32.1 118.8 106.9 26.1	41.8 237.1 220.9 86.9	46.0 282.4 263.6 104.4	49.5 310.2 306.4 140.9	54.2 375.0 371.7 173.1	58.4 433.2 416.1 159.9	516. 500. 176.
Other foreign assets	28.5	42.0	80.8	134.0	159.1	165.5	198.7	256.3	324
		1		1			1900		

982 137.0 324.9 34.0 74.6 72.9 1.7	89.8 873.9 33.7 79.5 77.8	3.6 896.1 34.9 84.9 82.9	111.9 949.4 43.2 87.7 85.8	Total <sup>2</sup> - 263.6 1,067.9 46.5 89.4 88.6	-280.1 363.9 11.3 10.0 9.8	Canada da 48.8 132.2 (2) .5	Latin Amer- ica * 25.3 263.1 .2 17.3	Jepan -64.7 91.8 5.9 .4
324.9 34.0 74.8 72.9 1.7	873.9 33.7 79.5 77.8	896.1 34.9 84.9 82.9	949.4 43.2 87.7 85.8	1,067.9 46.5 89.4 88.6	363.9 11.3 10.0	132.2 (Z) .5	283.1 .2 17.3	91.8 5.9 .4
324.9 34.0 74.8 72.9 1.7	873.9 33.7 79.5 77.8	896.1 34.9 84.9 82.9	949.4 43.2 87.7 85.8	1,067.9 46.5 89.4 88.6	363.9 11.3 10.0	132.2 (Z) .5	283.1 .2 17.3	91.8 5.9 .4
324.9 34.0 74.8 72.9 1.7	873.9 33.7 79.5 77.8	896.1 34.9 84.9 82.9	949.4 43.2 87.7 85.8	1,067.9 46.5 89.4 88.6	363.9 11.3 10.0	132.2 (Z) .5	283.1 .2 17.3	5.9 .4
34.0 74.6 72.9 1.7	33.7 79.5 77.8 1.7	34.9 84.9 82.9	87.7 85.8	46.5 89.4 88.6	10.0	(Z) .5	17.3	.4
72.9 1.7 716.4	77.8 1.7	82.9	85.8	88.6		.5		
1.7	1.7				9.8	.5		_
1.7	1.7				9.8	.5	474	
716.4		2.0					17.1	.3
716.4		2.0	1 10				_	
			1.0	.8	.1	(Z)	.2	(Z)
	760.7	776.3	818.5	929.9	342.7	131.6	265.7	85.6
								11.3
75.5	83.8	89.1	112.8	131.1	66.4	50.8	2.9	4.7
28.6	35.1	30.1	28.6	32.6	11.4	5.2	11.1	1.9
			1		i i			Ì
104.6	434.5	445.6	447.4	506.4	141.7	25.5	216.7	67.7
10.00	784 3	8025	10613	1 331 5	844.0	83.4	257 0	156.5
ا ۵۰۰	704.0	002.5	1,001.0	1,001.0	J 544.5	00.4	207.0	
189 1	104 5	199.2	202.5	240 8	927	23	90	(4)
								9
	10.70				, , ,	` ' '	` ' '	, , ,
13.6	14.2	14.8	15.6	17.4	4.1	.3	.7	1.5
					1			
25.0	25.5	26.1	26.7	27.3	(1)	(*)	(7)	(°)
17.9	17.7	15.2	16.7	18.7	(m)	(7)	(7)	33
108 0	589 A	893.3	858 A	1 090 7	551.3	812	248.9	(*)
24.7								23.4
							18.4	25.3
			1 -30.0	300.0				30.0
27.5	26.9	31.0	29.4	26.7	12.9	2.0	3.4	3.0
		1	1					
228.0	278.3	312.2	354.5	449.2	רי)	(7)	(')	(*)
25.8	33.8	58.2	83.6	96.0	[ <del>[</del> 75]	(7)	(7)	(*)
	28.6 28.6 04.6 88.0 89.1 32.6 13.6 25.0 17.9 98.9 24.7 93.0 27.5	97.8 207.2 75.5 83.8 28.6 35.1 04.6 434.5 88.0 784.3 89.1 194.5 32.6 137.0 13.6 14.2 25.0 25.5 17.9 589.8 24.7 13.7 93.0 113.7 27.5 26.9 26.9 278.3	07.8         207.2         211.5           75.5         83.8         89.1           28.6         35.1         30.1           04.6         434.5         445.6           88.0         784.3         892.5           89.1         194.5         199.2           32.6         137.0         143.0           13.6         14.2         14.8           25.0         25.5         28.1           17.7         15.2           98.9         589.8         693.3           24.7         137.1         164.6           93.0         113.7         127.3           27.5         26.9         31.0           226.0         278.3         312.2	07.8         207.2         211.5         229.7           75.5         83.8         89.1         112.8           28.6         35.1         30.1         28.6           04.6         434.5         445.6         447.4           88.0         784.3         892.5         1,061.3           89.1         194.5         199.2         202.5           32.6         137.0         143.0         143.4           13.6         14.2         14.8         15.6           25.0         25.5         26.1         28.7           17.7         15.2         18.7           94.7         137.1         164.8         184.8           93.0         113.7         127.3         206.6           27.5         26.9         31.0         29.4           28.0         278.3         312.2         354.5	07.8         207.2         211.5         229.7         259.9           75.5         83.8         69.1         112.8         131.1           28.6         35.1         30.1         28.6         32.6           04.6         434.5         445.6         447.4         506.4           88.0         784.3         892.5         1,061.3         1,331.5           89.1         194.5         199.2         202.5         240.8           32.6         137.0         143.0         143.4         177.4           13.6         14.2         14.8         15.6         17.4           25.0         25.5         26.1         26.7         27.3           17.9         17.7         15.2         18.7         18.7           94.7         137.1         164.6         184.6         209.3           93.0         113.7         127.3         206.6         309.5           27.5         26.9         31.0         29.4         28.7           28.0         276.3         312.2         354.5         449.2	07.8         207.2         211.5         229.7         259.9         123.2           75.5         83.8         89.1         112.8         131.1         66.4           28.6         35.1         30.1         28.6         32.8         11.4           04.6         434.5         445.6         447.4         506.4         141.7           88.0         764.3         892.5         1,081.3         1,331.5         644.0           89.1         194.5         199.2         202.5         240.8         92.7           32.6         137.0         143.0         143.4         177.4         (1)           13.6         14.2         14.8         15.6         17.4         4.1           25.0         25.5         26.1         28.7         27.3         (1)           17.9         17.7         15.2         18.7         18.7         (1)           24.7         137.1         164.6         184.6         209.7         251.3           24.7         137.7         127.3         206.6         309.5         218.0           27.5         26.9         31.0         29.4         28.7         12.9           28.0         278	07.8         207.2         211.5         229.7         256.9         123.2         50.2           75.5         83.8         89.1         112.8         131.1         68.4         50.8           28.6         35.1         30.1         28.8         32.6         11.4         5.2           04.6         434.5         445.8         447.4         506.4         141.7         25.5           88.0         784.3         892.5         1,061.3         1,331.5         644.0         83.4           89.1         194.5         199.2         202.5         240.8         92.7         2.3           32.6         137.0         143.0         143.4         177.4         (")         (")         (")           13.6         14.2         14.8         15.6         17.4         4.1         .3           25.0         25.5         26.1         26.7         27.3         (")	07.8         207.2         211.5         229.7         259.9         123.2         50.2         35.0           75.5         83.8         89.1         112.8         131.1         66.4         50.8         2.9           28.6         35.1         30.1         28.6         32.6         11.4         5.2         11.1           04.6         434.5         445.6         447.4         506.4         141.7         25.5         216.7           88.0         784.3         892.5         1,061.3         1,331.5         644.0         83.4         257.9           89.1         194.5         199.2         202.5         240.8         92.7         23         9.0           13.6         142.1         14.8         15.6         17.4         4.1         .3         .7           25.0         25.5         26.1         26.7         27.3         (*) </td

Z Less than \$50 million. ¹ Includes holdings of international and regional organizations that were shifted to "other foreign assets" in subsequent periods. ¹ Includes other countries, International organizations, or unallocated, not shown separately. ¹ Includes other Westerm Hemisphere. ⁴ Reported by U.S. nonbanking concerns. ⁴ Not included desembere. ⁴ Data included in "Foreign assets in the U.S." ¹ Data included in "Foreign official assets in the U.S." ¹ Data included in "Foreign official assets in the U.S." □ Excludes U.S. Treasury securities.

Source: U.S. Bureau of Economic Analysis, Survey of Current Business, June 1987, and earlier issues.

### No. 1331, U.S. RESERVE ASSETS: 1970 TO 1987 [In billions of dollars. As of end of year, except as indicated]

TYPE	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987, June
Total  Gold stock  Special drawing rights Foreign currencies Reserve position in IMF   Reserve p	14.5 11.1 .9 .6 1.9	16.2 11.6 2.3 .1 2.2	19.3 11.7 2.6 (z) 4.9	18.7 11.7 1.6 4.4 1.0	19.0 11.2 2.7 3.8 1.3	26.8 11.2 2.6 10.1 2.9	30.1 11.2 4.1 9.8 5.1	11.1	33.7 11.1 5.0 6.3 11.3	34.9 11.1 5.6 6.7 11.5	43.2 11.1 7.3 12.9 11.9	48.5 11.1 8.4 17.3 11.7	45.1 11.1 8.9 13.9 11.3

Z Less than \$50 million. Includes gold in Exchange Stabilization Fund; excludes gold held under earmark at Federal Reserve banks for foreign and international accounts. Beginning 1975, gold assets were valued at \$42.22 pursuant to the amending of Section 2 of the Par Value Modification Act, PL-93-110, approved September 21, 1973.

Source: Board of Governors of the Federal Reserve System, Federal Reserve Bulletin, monthly, and Department of the Treasury, Treasury Bulletin, monthly.

# No. 1332. Foreign Direct Investment Position in the U.S.—Value, by Area and Industry: 1970 to 1966

[In millione of dollars. Book value at year end. Prior to 1975, covers U.S. firms, including real estate investments in which foreign interest or counterfully use 25 percent or more; thereafter, ownership of 10 percent or more. Minus eign (—) indicates a negative position. See also Affetorical Statistics, Colonial Times to 1970, exits U 47-74]

AREA AND INDUSTRY	1970	1975	1978	1979	1980	1981	1982	1983	1984	1965	1986, prel.
All areas 1	13,270	27,862	42,471	54,462	83,046	108,714	124,677	137,061	164,583	184,615	209,329
Petroleum	2,992 6,140 2,256 994	6,213 11,386 3,152 4,844	7,762 17,202 5,231 9,161	9,906 20,876 7,575 11,562	12,200 32,993 12,027 15,210	15,246 40,533 14,748 20,537	17,660 44,065 17,933 23,604	18,209 47,665 10,934 26,513	25,400 51,802 24,881 31,219	28,270 59,584 27,429 35,873	29,627 68,057 30,914 41,680
Petroleum  Manufacturing  Finance and insurance	3,117 190 1,836 324	5,352 596 3,061 341	6,180 723 3,213 397	7,154 943 3,615 505	12,162 1,817 5,227 1,612	12,116 1,801 3,376 1,808	11,708 1,550 3,500 1,801	11,434 1,391 3,313 1,061	15,286 1,544 4,115 3,245	17,131 1,589 4,607 4,008	18,312 1,385 5,389 3,554
Petroleum	2,777	16,584 5,478 6,673 2,088	29,180 6,569 11,717 3,575	37,403 8,010 13,952 5,529	54,688 10,137 21,953 8,673	72,377 12,854 30,897 10,084	83,193 15,071 33,032 12,601	92,936 16,326 36,866 8,450	108,211 23,142 39,083 15,945	121,413 25,636 45,841 17,022	141,669 26,144 55,077 20,500
United Kingdom	1,220 1,391 1,141	6,331 (D) 1,833 932	7,638 492 3,014 1,596	9,796 199 3,547 2,432	14,105 -257 6,159 3,350	18,585 -124 7,602 4,569	28,447 5,444 8,504 5,661	32,152 5,955 9,221 3,777	38,387 10,991 9,179 5,485	43,555 12,155 11,687 6,483	51,397 11,553 14,999 8,862
Petroleum	1,311 652 1,545	5,347 (D) 1,345 2,138	10,078 5,041 3,058 2,879	12,672 6,478 3,492 3,449	19,140 9,265 4,777 5,070	26,824 11,547 9,018 5,474	26,191 8,098 9,901 6,378	29,182 8,646 11,222 7,464	33,728 9,961 12,497 8,146	37,056 11,481 13,351 10,568	42,852 (D) 14,712 12,134
Manufacturing Finance and insurance West Germany Manufacturing Finance and insurance	351 680	1,308 365 1,408 894 (D)	1,949 519 3,654 1,920 253	2,281 598 5,665 2,665 796	3,116 1,033 7,596 3,875 1,248	3,278 1,059 9,459 4,199 1,339	3,584 1,473 9,850 4,239 1,426	4,165 1,830 10,845 4,487 1,416	4,774 (b) 12,330 4,389 1,902	6,881 5,425 14,816 6,015	7,750 5,094 17,356 7,936 1,898
Other Europe Petroleum Manufacturing Finance insurance	1,051 (NA)	3,360 490 1,293 (D)	4,931 1,049 1,775 471	5,821 1,268 1,967 583	8,777 991 4,026 1,193	12,035 1,315 6,800 546	12,327 1,380 6,804 429	13,293 1,679 7,771 -908	15,620 2,080 7,704 (D)	15,417 (D) 7,907 (D)	17,929 (D) 9,679 (D)
Japan Other areas	229 370	591 3,135	2,749 4,362	3,493 6,412	4,723 11,472	7,697 16,524	9,677 20,099	11,336 21,356	16,044 25,043	19,313 26,758	23,433 25,915

D Withheld to avoid disclosure of data of individual companies. NA Not available. 

<sup>1</sup> Area totals include industries not shown separately.

<sup>2</sup> Direct investments (in millions of dollars): Belgium and Luxembourg, 2,766; France, 7,415; Italy, 1,246; and Sweden, 3,642.

Source: U.S. Bureau of Economic Analysis, Survey of Current Business, August 1957, and earlier issues.

# No. 1333. U.S. AFFILIATES OF FOREIGN COMPANIES—ASSETS, SALES, EMPLOYMENT, LAND, EXPORTS, AND IMPORTS: 1985

(A U.S. affiliate is a U.S. business enterprise in which one foreign owner (individual, branch, pertnership, association, trust, corporation, or government) has a direct or indirect voting interest of 10 percent or more. Universe estimates based on a sample survey of nonbank affiliates with assets, seles, or not income of \$10 million or more)

				S	GROSS VAL			Mar-	Mer-
RIDUSTRY	Total assets (mil. dol.)	Sales 1 (mil. dol.)	Employ- ment (1,000)	Employ- ee compen- setion (mil. dol.)	Plant and equip- ment s (mil. dol.)	Land (mil. dol.)	Land owned (1,000 acres)	chandlee ex- ports * (mil. dol.)	chendise im- ports * (mil. dol.)
Total	/36,231	630,113	2,063.6	79,000	293,500	27,570	14,594	20,000	111,736
Mining Potroleum Manufacturing Chemicals and allied products Wholesals trade Motor vehicles end auto parts and supplies Farm-product raw materials Retail trade Please scenario benting Insurance Retail estate Cotter	76,461 170,114 61,447 76,367 20,921 7,240 19,864 223,626 67,449	8,412 76,813 186,377 62,464 236,064 64,234 39,285 37,976 24,958 24,013 12,132 23,378	29.1 125.3 1,438.9 429.7 296.1 71.6 20.0 479.9 46.2 69.2 31.8 337.1	1,348 5,689 44,567 14,016 9,008 2,516 552 6,275 3,286 1,825 712 7,836	10,283 75,923 110,665 51,499 17,297 5,666 1,785 10,566 2,209 2,329 46,663 17,825	969 3,028 3,959 1,412 947 312 92 731 84 284 15,888 2,499	711 1,024 6,430 1,356 (D) 57 (D) 6 14 2,499 3,080	869 1,478 12,862 5,196 36,370 3,306 20,264 337 (p)	184 6,421 18,456 4,270 83,305 33,965 7,904 1,272 (p) (p)

Represents zero. D Withheld to avoid disclosure of data of individual companies. 2 Less than \$500,000.

Excludes returns, discounts, allowances, and setes and excles tasse.

Average member of fulf-time and part-time employees.

Includes other property, value of mineral rights owned and capitalized value of mineral rights tessed.

F.a.s.

Source: U.S. Bureau of Economic Analysia, Survey of Current Business, May 1987, and Foreign Direct Investment in the United States, Operations of U.S. Affiliates of Foreign Companies, Preliminary 1985 Estimates.

# No. 1334. U.S. Businesses Acquired or Established by Foreign Direct Investors, by Industry of U.S. Business Enterprise: 1985 and 1986

[Foreign direct investment is the ownership or control, directly or indirectly, by one foreign individual branch, partnership, association, trust, corporation, or government of 10 percent or more of the voting securities of a U.S. business enterprise or an equivalent interest in an unincorporated one. Data represent number and full cost of acquisitions of eating U.S. business enterprises, including business segments or operating units of eating U.S. business enterprises and establishments of new enterprises, investments may be made by the foreign direct investor. Covers investments in U.S. business enterprises with assets of over \$1 million, or ownership of 200 acres of U.S. business enterprises.

	1		100	16					1000	i, prei.		
		rveetment	•		Investors			weetmen	<b>b</b>		Investors	
INDUSTRY	Total	Acquisi- tion	Estab- lieh- ments	Total	For- sign direct inves- tors	U.S. affili- ates	Total	Acqui- sition	Estab- lieh- ments	Total	For- eign direct inves- tors	U.S. altes
NUMBER OF INVESTMENTS <sup>1</sup> Total	753	300	363	817	220	497	000	220	221	714	316	•••
			-		-							
Agriculture and torestry	31 227 54 33	2 7 26 195 30 31	26 1 5 32 24 2	29 9 33 242 58 34	19  12 79 26 6	10 9 21 163 32 26	22 10 18 211 47 20	1 9 12 174 36 18	21 1 6 37 11 2	27 10 16 226 50 20	23 	4 10 8 140 37 13
Finance, except banking		7	20	32	15	17	19	7	12	20	7	13
Real estate		5 19 63	2 229 13	7 278 81	1 127 26	151 55	9 206 87	7 11 60	195 27	9 227 97	122 39	107 58
INVESTMENT OUTLAYS (mil. dol.)												
Total	23,106	20,000	3,023	23,106	4,225	18,861	31,472	25,467	6,006	31,472	6,300	26,164
Agriculture and torestry. Mining	294 2,970 12,140 804 1,217	(D) 227 2,981 11,742 677 1,198 222	(D) 67 9 398 127 19 35	(D) 294 2,970 12,140 804 1,217 257	(D) 276 1,935 230 60 46	(D) 294 2,694 10,206 574 1,157 209	77 323 829 13,712 761 5,070 207	2 321 796 13,019 710 5,065 (D)	75 2 39 693 50 50 (D)	77 323 829 13,712 761 5,070 207	71 893 3,028 370 122 (D)	6 323 136 10,665 301 4,946 (D)
benking	489 908 1,921 2,041	178 891 191 (D)	311 17 1,730 (D)	499 908 1,921 (D)	59 756 493 (D)	431 152 1,428 (D)	1,533 1,523 3,993 3,446	474 (D) 194 3,262	1,0 <b>59</b> (D) 3,7 <b>99</b> 184	1,533 1,523 3,993 3,446	662 (D) 1,031 234	871 (D) 2,961 3,212

<sup>-</sup> Represents zero. D Withheld to avoid disclosure of data of individual companies. meet asset or acreage criteria in headnote.

Source: U.S. Bureau of Economic Analysis, Survey of Current Business, May 1987.

# NO. 1335. U.S. BUSINESSES ACQUIRED BY FOREIGN DIRECT INVESTORS—ASSETS, SALES, AND EMPLOYMENT, BY INDUSTRY OF U.S. BUSINESS ENTERPRISE: 1985 AND 1986

[See headnote, table 1334. Minus sign (-) indicates loss]

			1965					1636, pre	L	
MOUSTRY	Total assets (mil. dol.)	Sales (mil. dol.)	Net income (mil. dol.)	Employ- ment (1,000)	Acres of land owned (1,000)	Total assets (mil. dol.)	Sales (mil. dol.)	Net income (mil. dol.)	Employ- ment (1,000)	Acres of land owned (1,000)
Total	29,478	30,561	210	284.5	2,205.0	41,245	104,800	965	319.9	1,000.3
Agriculture end forestry	(D) (D) 14,759 534	(D) 303 4,009 19,463 1,122 1,903	1 -39 160 117 (2) 30	(D) 2 6.1 153.1 4.2 40.2	(D) 357.3 37.8 1,759.8 (D)	727 6,605 15,136 944 4,286	(z) 516 8,796 17,167 2,166 7,115	(z) 31 153 446 40 200	4.1 9.2 144.6 7.4 108.8	(D) 56.1 16.8 1,013.8 .8 1.9
Benking Finance, except benking	2,166 2,885 863 290 (D)	214 350 489 27 (D)	15 15 -3 -7 -78	(D) 1.7 5.2 (D) (D)	SCHOOL	(D) 5,303 (D) 402 3,413	65,366 (D) 93 2,430	2 14 66 3 -60	88 88 86 86	88°38

<sup>-</sup> Represents zero. D Withheld to avoid disclosure of data of individual companies. Z Fewer than 800 or less than 800,000.

Source: U.S. Bureau of Economic Analysis, Survey of Current Business, May 1967.

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<sup>&</sup>lt;sup>1</sup> Excludes investments that do not

[In millions of dollars, Direct investments represent private enterprises in one country controlled by investors in another country or in the management of which foreign investors have an important role. Negative position occurs when U.S. parent company's liabilities to the foreign affiliate are greater than its investment in the foreign affiliate. See also Afebrica's Sealestra, series U 41-46] NO. 1336, U.S. DIRECT INVESTMENT HOSITION ABROAD AND INCOME, BY COUNTRY, 1860 TO 1866, AND BY SELECTED INDUSTRIES, 1860

			DIREC	T INVESTM	ENT POSIT	DIRECT INVESTMENT POSITION (at yearend)	arend)							INCOME 3				
							1986,	prel.								1986,	prel.	
ОООМИНИ	1980	1982	1983	1984	1985	Total 1	Man- ufac- turing	Petro- leum	Fi-	1980	1962	1983	1861	1985	Total i	Man- ufac- turing	Petro- leum	Fi-
All areas	215,375	207,752	207,203	211,480	229,748	259,690	107,241	61,151	32,813	37,146	21,380	20,489	21,217	32,665	36,697	17,813	7,470	2,836
Description of succession.	150 044	-	456 736	167 494	471		67 460	20.00	47.674	***			-	-	***			
Canada countries	45,110	43 511	44 330	48 730	47,106	50.178	23 750	10 936	8 443	5 BAS	2547	4 900	2,010	4 297	61.180	2770	200	3, 165 RAG
Funda	96 287	_	92 178	91,589	105.371	123 183	54 126	24 310	10 331	15 991	_		_	_	22,126	11 148	4 085	2 263
Ralnim	6.250	_	4 438	4 584	5 333	6 302	5.036	100	462	255	_		_	_	1 408	708	277	63
France	9347	_	6.614	6.406	7.870	9.471	6.581	505	246	1 263	_		_	_	2177	1 601	128	38
Ireland	2319	_	2,460	2.869	3.608	4.250	3,329	9	930	392	_		_	_	682	574	-30	96
talv	5.397	_	4.461	4.594	5,711	6.987	4.865	328	378	1.298	_		_	_	2.650	1.827	351	108
Netherlands	8,039	_	6,613	5,839	7,286	11,874	4.697	3,418	1.810	1,853	_	1.107		_	3.300	1.112	1.582	126
Norway	1,679	_	3.094	2,841	3,216	3,798	74	3,318	(0)	565	_	689		_	411	18	306	0
Switzerland	11,280	_	14,099	14,725	15,785	17,458	1.301	(0)	6,359	1,865	_	1,331		_	2,495	311	0	658
United Kingdom	28,460	_	27,637	28,553	32,801	34,990	13,990	8,673	7,367	5,408	_	2,615		_	3,067	1,336	460	843
West Germany	15,415	_	15,319	14,823	16,743	20,344	13,007	3,212	1.177	1,864	_	617		_	4,625	3,058	780	216
Japan	6,225	_	7,661	7,936	9,246	11,333	5,305	2,623	689	839	_	1,105	729	_	3,258	1,702	755	130
Australia	7,654	_	9,006	8,918	8,427	6,384	3,190	1,321	1,098	1,217	_	464	_	_	391	-26	155	8
South Africa	2,350	_	1,987	1,440	1.154	1.143	591	0	28	989	_	88		_	176	82	0	4
Developing countries	53,206		45,746	49,153	52,539	60,609	20,079	17,782	5,140	1,894	_	5,689		_	5,840	2,121	1,834	1348
South and Central America	26,535	_	28,652	28,567	27,658	28,087	14,932	3,390	3,816	3,589	_	607		_	2,531	1,527	348	503
Argentina	2,540	2,004	207,02	2,753	2000	2,986	1,749	473	46	080	_	347			382	210	25	200
DIRECTION OF THE PROPERTY OF THE PERSON OF T	1,00		900	167.6	8,668	000	260'/	100	200	9	_	200	_		3	100	200	90
Menda	200		2,163	2,111	2,142	2000	1/000	95	29	200	_	200		_	200	332	2:	9 6
December	0,000	_	1,50	200	200	0367	2,850	404	21.0	488	_	282	250	_	808	623		346
Dani	1 888	_	2,000	000	1,862	4110	27	422	, v	1	_	130			11	65		(1)
Vanariola	808	_	1711	1 781	588	1 843	928	243	200	, to	_	880		_	78	20	9	18
Other Western Hamischere	12 226		4.519	-3.941	243	6.884	281	1.837	-407	3.280	_	325	7.0		388	-24	138	-1,003
Bahamas, The	2,712		3,762	3.331	3.403	3.217	33	846	43	1,003	_	1.124			648	7	-24	29
Bermuda	11.045	_	11,056	13,019	12,876	14,595	T	407	13,918	1.551	_	1,211	=		1,795	,	87	1.612
Netherlands Antilles	-4,336	1	1	-24,664	-20,689	15,895	52	57	-16,185	33	_	3,199	÷.	-	2,790	9	e	-2,828
Other Africa	3,778		4,123	4,456	4,496	4,263	291	3,388	46	1,406	_	741		_	153	6-	23	~
Middle East *	2,163			5,025	4,811	5,353	246	2,927	222	- 22	_	654	=	_	200	-78	513	2
Other Asia and Pacific.	8,505	7	_	15,045	15,330	16,023	4,350	6,240	1,463	3,542	_	3,260	-	_	2,267	669	780	126
Hong Kong	2,078		3,068	3,253	3,296	3,580	448	425	895	284	_	514	451	_	269	129	5	82
Indonesia	1,314		2,770	4,093	4,432	4,305	535	3,548	188	2,080	_	000		200	200	0	48/	n
Address DEC 1	0000	200	27.0	20.00	20,040	950	1017	3,702	480	9 6014	_	36		007	900		1351	22
	Dell'in					֡												

Represents zero. D Suppresent to evoid disclosure of individual companies. Z Less than \$500,000. I includes industries not shown experately. I includes insurance. Excludes affiliates. Tele 1900, equals sum of interest, dividends, earnings of unincorporated affiliates, and retirement descripting of incorporated affiliates. Teled servings of incorporated affiliates. Teledos interest plus servings may be interest to a country of the control of the country and that are one operating of the interest that is interest to country of the year. Includes Epyt and all other in Africa. Includes Eshirah, iran, i

Bouroe: U.S. Bureau of Economic Analysis, Survey of Current Bushness, August 1967.

No. 1337. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS: 1945 TO 1966

[In millions of dollars. "P.L." means Public Law. For explanation of minus sign (--), see headnote, table 1336. See also text, section 29, and Historical Statistics, Colonial Times to 1970, series U 75-101]

PROGRAM	1945- 1955, lotal	1956- 1965, total	1966- 1975, lotal	1976- 1985, total	1982	1983	1984	1985	1986, prel.
Total, net	<b>53,499</b> 635	49,723 655	<b>70,367</b> 2,719	104,192 10,432	11,928 1,007	11,614	13,987	14,330	14,900
The state of the s		49,067	67,647	93,760	-	10,245	12,560	13,029	1543
Under assistance programs, net  Developed countries 2  Developing countries 2	52,864 36,039 16,826	5,834 43,233	616 67,032	757 93,002	10,920 -63 10,984	271 9,974	96 12,464	-530 13,558	13,419 738 12,681
	14,810	21,564	30,236	14,958	1,369	1,317	2,320	3,131	
Net new military grants	8,910 5,901	7,931 13,633	691 29,545	1,370	201	226	154 2,166	123	4,131 163 3,968
		21,805	30,281	14,994	1,373	1,321	2,326	3,134	4,134
Gross new grants  Foreign Assistance Act **	13,427	21,769 20,662	30,281 9,802	14,994	1,373	1,321	2,326	3,134	4,134
Military assistance, service funded 4	100	8	18,161	10,122	755	934	2.022	2.964	3,873
Relocation of facilities in Israel	2	10/3	1000	800	100	-	100	-	
Other special programs	1,145	1,100	734	1,633	272	203	145	121	157
Less: Reverse grants and returns	234	241	45	36	4		6	3	
Other grants, credits, and other assistance				L.T	1.54				
foreign currency claims)	38,054	27,503	37,412	78,801	9,551	8,928	10,240	9,898	9,288
foreign currency claims)  Developed countries <sup>2</sup> Developing countries <sup>2</sup>	27,129	-2,097 29,600	-75 37,487	-612 79,413	-264 9,815	8,883	-58 10,298	-653 10,551	8,713
Net new economic and technical aid grants *	28,871	17,675	21,748	43,293	4,746	5,354	6,519	8,257	7,900
Developed countries 2  Developing countries 2	20,294	780	-182	463	94	100	120	84	101
	8,578	16,896	21,929	42,830	4,652	5,254	6,399	8,173	7,799
Gross new grants  Foreign Assistance Act 3  Farm products disposals:  Foreign currencies, P.L. 83–480 7  Famine and other urgent relief  Payment of transportation	30,225	17,993	22,003	43,302 31,525	4,746 3,504	5,354 4,018	6,519 5,055	8,257 6,505	7,951
Farm products disposals:	17,711	1000	1	10000	24357	1000	24444	4.4.2	100
Famine and other urgent relief	530	2,048 2,704	4,234 2,862	186 5,017	10 461	25 582	688	874	617
	-	494	946	1,890	198	175	231	331	265
lorgiveness. Supplies to military or trusteeship administration areas	-	-	-	353	59	91	40	11	53
trusteeship administration areas	5,872	132	536	1,246	186	127	141	153	217
Peace Corps. Other	6,113	232 194	912 321	979 2,106	102	116	110	120 257	130
Less: Reverse grants and returns	1,353	318	255	9	1,-	-	-	1	52
Net new credits *	8,642	7,025	16,954	35,796	4,801	3,579	3,714	1,632	1,367
Net new credits *	6,646	-3,207 10,232	16,644	-1,019 36,815	-387 5,188	3.633	-176 3,891	-730 2,362	471 897
New credits	1,42	100	- V 10				100		
Export-Import Bank Act	12,039	15,429 5,257	37,422 15,505	72,200	8,594 2,276	8,176 2,598	7,775	5,920 1,800	7,008
Foreign Assistance Act 3	1,919	5,257 6,196	15,505 12,053	22,099 35,324	4,501	4,514	2,491 3,945 760	1,800 2,759	2,931
Financing or military ourchases	1,765	5,722 247	8,362 3,089	10,752 24,288	1,125	969 3,536	3,185	2,090	2,307
Social Progress Trust Fund	-	226	487	142	-1	5	-4	-16	-5
Other	145	3,839	116	144	11	797	909	1 000	17
Loans of foreign currency:	48	3,839	7,161	8,142	768	/9/	909	1,055	991
To foreign governments	48	3,285	1,843	10	1	(z)	(z)	(z)	1 -
To private enterprises	-	202 352	217	8,116	763	794	907	1,055	988
Foreign Assistance Act ** Country program loans Financing or military purchases Social Progress Trust Fund Other P.L. 83-480 ** Loans of toreign currency: To foreign governments To private enterprises Long-term credit sales P.L. 80-806 ** Other		-	5,101 2,433	5.559	39	261	428	300	1,856
Other	5,801 3,397	8,404	271	36,404	1,010	4,597	4,061	4,288	5,640
	1000	1	1000	100000	1000	1	130.73	1	150
Export-Import Bank Act	1,803	4,458 1,263	9,282	15,215	1,585	1,914	2,166 1,329	2,486 1,238	1,676
Country program loans	1	944	2,481	11,234	451	424	438	462	1,095
Financing of military purchases	2	222	852	6,492	839	817	855	735	1,095
Other	35	88	198 25	354 171	28 17	18	12	24 16	17
D1 00 400 T		180	3,753	2,923	334	366	330	289	367
Loans of foreign currency:	1	111	2054	551	56		40	39	
To private enterprises	-	43	2,354 175	96	5	44	43	39	37
Loans of foreign currency: To foreign governments To private enterprises Long-term credit sales Lend-lease, surplus property, and grant	-	27	1,223	2,276	273	317	283	248	327
settlements P.L. 80-806 9	677	2,001	1,438	386	20	20	22	18	20
P.L. 80-806 *	-	-	1,763	4,748	268	64	108	158	572
Other	880	501	677	1,897	250	950	106	100	10

See footnotes at and of table.

No. 1337. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS: 1945 TO 1966—Continued [In millions of dollars. See headnote, p. 762]

PROGRAM	1945- 1986, total	1966- 1966, total	1966- 1975, total	1976- 1986, total	1902	1900	1984	1980	1986, prel.
Other assistance (through net accumulation of foreign currency claims) 10	541 190 351	2,802 330 2,472	-1,290 -203 -1,086	-287 -56 -231	3 26 -25	-5 -1 -4	-1 -1 8	9 -7 15	21 4 18
Currency claims acquired	813 813	11,498 11,170 329	6,888 3,013 3,875	1,227 114 1,113	126 29 97	93 4 89	79 1 78	97 10 87	136 50 96
Less: Currencies disbursed	<i>272</i> 182 90	6,863 1,833	8,177 6,238 1,940	1,514 180 1,334	129 11 111	25 73	72 5 67	2 96	114 5 110

Represents zero. Z Less than \$500,000. ¹ For details, see table 1338. ¹ Developed countries include Australia, nada, Japan, New Zealand, South Africa, all countries listed under "Western Europe" in table 1338, except Portugal, Spain rough 1981), Yugoslevia, and Maita, and all countries listed under "Eastern Europe" in table 1338. Developing countries include other countries listed in table 1338 (including Spain through 1981). ¹ Foreign Assistance Act of 1981 (P.L. 87-198), as sended. Also includes predicessor and related programs. ¹ Includes military assistance under Dept. of Detense Appropriation I, 1988 (P.L. 89-394) and later acts. ¹ Includes funds made sevaluable under Public Law 93-198 and subsequent legislation to asset lersel from its contractual liability to pay for detense articles and services purchased under other legislation. ¹ Net new ints are not adjusted for settlements for postwar relief end other grants under agreements, end net new credits exclude prior ints converted into credits, which were as follows: 1946-65, \$1,483 million; 1966-65, \$491 million; 1972, \$994 million, payments on these settlements are included in net new credits. ¹ Agricultural Trade Development end Assistance L ² Outstanding credits on Dec. 31, 1986, totaled \$72,177 million representing net credits extended since organization of port-import Bank, Feb. 12, 1934, less chargeoffs and net adjustments due to exchange rates (\$1,919 million), and excluding rifd War I debts. The amount repeatable in dollars at U.S. Government option was \$70,579 million; the remainder was repsyable foreign currencies, commodities, or services, at the option of the borrowers. ² Commodity Credit Corporation Charter L ¹ Equivalent value of currencies still available to be used, including some funds advanced from foreign governments and ar lose by exchange rate fluctuations (\$1,685 million), was \$205 million on Dec. 31, 1996. ¹ ¹¹ includes foreign currencies sulted from triangular trade operations and principal end interest collections on credits, orig

Bource: U.S. Bureau of Economic Analysis, press releases and unpublished data.

### D. 1338. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY TYPE AND COUNTRY: 1945 TO 1986

millions of dollars. See text, section 29. Negative figures (...) occur when the total of grant returns, principal repayments, and/ or foreign currenties disbursed by the U.S. Government exceeds new grants and new oreids utilized and/or acquisitions of oreign currencies through new sales of term products. See also https://doi.org/10.1016/j.miss.com/10.1

TYPE AND COUNTRY	1945- 1966, total	1956- 1966, total	1956- 1975, total	1976- 1966, total	1962	1983	1984	1985	1996, prel.
Total, net	53,490	40,723	70,367	104,192	11,928	11,614	13,967	14,330	14,900
restment in financial institutions	. 635	955	2.719	10,432	1.007	1,366	1,427	1,302	1,481
African Development Bank		_		54	-	18	18	18	15
Mrican Development Fund	.l -	-	-	125	-	23	57	20	53
laian Development Bank		i -	110	602	59	56	80	135	110
nter-American Development Bank	.l –	300	1,321	2,770	189	235	353	321	351
nt'l. Bank for Reconst. and Development		l -	13	353	48	34	27	41	241
nternational Development Association		320	1,275	6,417	897	1,002	892	768	655
International Finance Corporation		35	-	111	14	-	1 -	-	26
der assistance programs	52.064	49.067	67.647	93,760	10.920	10.245	12,560	13,029	13,411
letern Europe	33,783	6,752	1,004	1,626	- 172	154	253	- 202	-7
kustria	1,019	193	- 19	34	8	(z)	3	10	-1
Belgium end Luxembourg		305	17	- 46	- 15	-17	- 17	- 15	-9
Denmerk		276	64	- 56	-4	- 13	- 12	- 30	-7
<u> Pinland</u>	. 86	-26	- 19	21	-6	19	-11	-2	-47
France	. 8,810	-171	-93	- 222	-5	6	- 17	-47	- 26
celand	. 34	33	-8	- 12	-1	-1	-1	-1	-2
reland		- 16	-51	7		_ <del>,</del> 7	-4	(z)	2
		1,435	85	133	⊸ 26	- 25	- 12	-84	- 107
Weite		3	47	34	_		-	(z)	(Z)
Netherlands	1.779	322	116	180	- 26	- 20	- 14	. <u>-</u> 9	-1
Norway		362	379	- 257	- 26	- 12	-4	_ 31	- 16
Portugal	. 248	241	34	1,003	(Z)	55	129	101	178
Spain		1,203	807	965	27	101	222	85	. 67
Sweden	. 108	- 20	17	j -1	-4	-5	-3	-6	6
United_Kingdom	7,495	105	- 546	- 964	208	- 119	- 134	121	- 202
Nest Germany		10	-117	-117	-9	-6	-6	- 2	
/ugoelevie		1,151	84	174	- 31	20	17	18	- 21
Other I and unspecified	1,534	1.348	i 407	1,112	147	178	116	102	200

See footnotes at end of table.

## Foreign Commerce and Aid

# No. 1338. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY TYPE AND COUNTRY: 1945 TO 1988—Continued

[In millions of dollars. See headnote, p. 763]

COUNTRY	1945- 1955, total	1956- 1996, total	1956- 1975, total	1976- 1986, total	1962	1963	1984	1905	1986. prel.
stern Europe	1,097	501	229	1,926	56	54	6	16	1,100
Czechoelovakia	191	-	-	-5	(Z) 86	-2	-3	-	
Poland	425	555	-75	1,016	86	74	67	45	1,267
Romania	اتمدا	ــ ا	92	55	-16	5	-16	35	-20
Soviet Union Other end unepecified	425 56	-59 5	214 -5	-44 6	-11 -4	-21 -2	-39 -2	- <b>66</b>	-60
er East end South Asia	5,002	16,826	17,198	50,758	6,006	5,888	6,468	7,437	7,06
Alghenistan	31	227	185	56	-1	-2	-4	-21	-3
Bangladesh	-	<u> </u>	701	1,670	202	219	265	175	178
Cyprus	41	1,009	20 271	136	2,344	(z) 2,080	1,925	17 2,231	21 2,730
EgyptGreece	2,147	1,261	905	362	-52	19	- 14	-21	2,73
indie	399	4,890	3,810	1,016	89	74	83	42	36
iran	314	1,061	914	-847	-	-306	-	-	
req	13	81	-5	5	-1	32	8	-12	-6
Jorden	390 28	463 495	3,7 <b>6</b> 0 618	25,416 1,320	2,181 170	2,660 67	3,094 15	3,897 -1	4,030
Lebenon	15	76	90	233	-2	57	32	34	- 12
Negal	3	56	105	177	22	28	24	26	20
Оттел			(z)	79	22	3	14	-4	20 12
Pakistan	189	3,092	(Z) 2,048	1,971	167	348	415	461	360
Saudi Arabia	13	36	1 23	-20	-1	-2	-2	-2	-1
Sri Lanka	(Z)	89	153	512	49	63	83	90	O
Syria	1,295	57 3.020	15 2,703	262 3,780	27 665	25 490	442	4%	294 36 67
Yemen (Sanaa)	1,280	40	2,703	216	30	37	33	41	-
UNRWA *	131	274	296	506	89	71	67	75	l ä
Other end unepecified	82	510	559	265	28	26	22	-3	27
rice	148	2,272	3,610	11,001	1,192	1,224	1,000 - 106	2,012	1,201
Algeria	1	135	263	345	(Z) 37	-63	- 106	-131	-120
Angola	-	7	1 .6	115	3/	-6 2	-5	36	27
Benin Botswene Botswe	_	ော်	12 35	169	20	18	26	29	20
Burking	_	5	40	267	30	30	40	49	21
Burundi	- 1	1 4	5	82		8	13	9	1
Cameroon	-	16	50	150	14	3	20	5	11
Cepe Verde	(2)	5	20	145	12	12 23	29	5 41	21
		1			1		l	1	
Ethiopia	13	200 64	297	310	2 7	6	30 20	157	96 13
Guines	(Z)	56	68	152 74	1 1	8 2	4	18 11	12
Nory Coast	1 [	14	57	57	-5	_ <b>5</b>	2	12	'?
Kenya	(Z)	34	76	549	54	81	oš	82	3
Lesotho	-	(Z) 139	27	197	27	29	37	23	2: 54
Liberia	25 25	139	86	450	72	66	107	71	54
Lbys	25	192	6		.=	٠		-:	تـ ا
Madagascar	(2)	5	13 30	66 56	15 3	10	20 10	24 6	21
		_			_	1	l .		1
Med	-	12	58	198	15	16	32	50	44
Meuritania	=	11	20	161	13	22	26	38	<u>.11</u>
Morocco	7	464	413	946 174	58 5	117	313	139 51	17
Mozambique	-	5	84	223	22	11 18	21 25	93	17: 35
Vigeria	(z)	67	284	267	-5	80	49	151	
Rwanda	] <u>'-</u> '	2	13	91	12	111	19	18	24
					مة ا				است ا
Senegal Sierra Leone	(2)	18 22	46 36	361 85	33	50 11	75	61 11	12

See footnotes at and of table.

1338. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY TYPE AND COUNTRY: 1945 TO 1988—Continued

[in millions of deliars. See headnote, p. 763]

COUNTRY	1945- 1955, total	1956- 1965, total	1966- 1975, total	1976- 1985, total	1982	1983	1984	1985	1986, prel
sed	7,	1					100	1	
	(Z)	42 86	47	582	77	91	115	117	112
	3	(Z)	52	1,358	261	212	223	443 8	164
	2	(Z) 34	123	259	28	20	22	21	10
***************************************	-	9	18	60	7	8	8	9	10
	2	407	376	563	118	125	113	40	3
	175	12 258	33	40	2	.4	3	- 5	4
<u> </u>	(Z)	200	35	938 339	85 15	44 25	208 53	66	104
	- 27	(Z) -75	(z) 343	271	27	62	74	54	22
specified	71		1000	780	97	75	87	130	117
acific	10,466	16,199	34,778	9,635	814	1,193	658	220	64
	25	(Z) 134	276 43	-12 31	37	75	-5 7	-39 7	118
(August 1994)	28	327	1,771	-	-	- 4		- 2	-
nd	1,267	2,681	1,523	49 648	12 35	-44	- 144	- 255	-8 -262
	3	35	41	11	11	-9	-14	- 14	- 11
	-			0.000	1000	222		100	
rukyu islands	3,275	501 1,318	1,388	1,661	21 -84	259 - 16	224 - 99	38 -87	13 - 88
	37	647	1,868		-	10.2	-	100	-
Martin 101 101 101 101 101 101 101 101 101 10	5	30	86 95	39 -68	-5	- 15	-6 -13	-11	- 15 - 10
s, Trust Territory of the *	30	89	488	1,260	188	127	143	154	218
			1		75.	1	1005	1529	10.00
	1,057	554	729 78	1,466	- 15	239 - 34	141 56	334 -53	- 183
***************************************	1,421	4,744	5,426	3,518	475	449	208	58	-146
	192 244	727 3,566	996 19,721	733	49	60	110	68	62
specified	2,628	844	595	400	42	29	31	26	27
sphere	1,257	5,181	6,816	9,861	1,862	832	2,078	2,142	1,756
MINISTER STREET	86	342	34 29	21	31	26	16	14	69
9	(Z)	(z)	29 18	-25 -18	(Z)	(Z)	-	(Z)	- 3
	77	288	270	414	33	52	39	71	110
	511	1,400	1,518	399	- 127	40	90	368	-19
	-1	4	272	317	91	97	98	-87	-61
(**************************************	102	740	724	-565	-51	-47	-28	-7	57
, , , , , , , , , , , , , , , , , , ,	16	446 83	103	298 687	-7 46	83 202	104	93 213	139
public	1	184	360	550	73	38	141	154	238
************************************	34	131	144	153	-4	10	46	50	67
	4	56	93	1,681	240	329	446	448	376
***********************************	23	146	160	269	23	33	25	52	88
	(Z) 27	75	71 42	36 370	46	42	44	(Z) 56	87
	6	53	113	801	85	112	210	243	224
	16	3	120	644	106	114	152	151	121
	226	178	305	1,162	1,084	-549	97	-40	-52
······································	10	103	150 210	197 205	13	15	54	-2 43	(Z) 24
	4	67	86	205	2	3	(Z)	1	(Z)
		-20	2.4		100	1.5	10/32	1	10.00
Tobago	55	304 35	274	758 151	(Z)	- 19	213	181	92
	8	90	116	-9	10	-6	-3	-4	11
ican Bank for Economic	6	156	115	-35	- 1	6	-37	-30	-31
***************************************		6	121	36	(2)	3	-4	-4	-5
evelopment Bank			8	108	(Z) 14	14	1.1	1	-1
inspecified	-8	218	496	1,236	134	161	173	198	187
tional organizations and areas	1,022	1,335	4,018	9,739	1,133	820	1,304	1,404	1,345
	100	Contract of						1000	10000

ts zero. Z Less than \$500,000. Includes European Atomic Energy Community, European Coal and Steel ropean Economic Cooperation. Include Nations Relief and Works Agency for Palestine refugees. Excludes er October 1996, with Commonwealth of the Northern Mariana Islands; includes tractions with Federated States Republic of the Marshall Islands, and Republic of Palau. Includes Andean Development Corporation, Eastern trail Bank, Inter-American Institute of Agricultural Sciences, Organization of American States, and Pan American Ition.

Bureau of Economic Analysis, press releases and unpublished data.

#### No. 1339, U.S. FOREIGN ECONOMIC AND MILITARY AID PROGRAMS: 1946 TO 1986

[In millions of deliars. For years ending June 36 except, beginning 1977, ending Sept. 38. Economic aid—not just aid under Foreign Assistance Act. Major components in recent years include AID, Food for Peace, Peace Corps, end paid-in subscriptions to international financial institutions, such as ISPD, and IDB. Cursulative totals Not of descriptions of international financial institutions, such as ISPD, and IDB. Cursulative totals Not of descriptions; annual figures however, are gross unadjusted program (guese, Millery aid includes Millery Assistance Program (MAP) grants, foreign millery credit sales, service-funded programs, and excess defense articles]

	Total	EC	ONOMIC A	D		LITARY AL	•
PERIOD OR YEAR AND REGION	economic and military aid	Total	Loens	Grants	Total	Loens	Great
1946-1955, total	315,245	196,615	55,801	140,724	118,636	35,802	82,00
946-1952	41,661	31,116	8,516	22,598	10,545	-	10,54
963-1961	43,368	24,053	5,860	18,203	19,305	161	18,14
962-1909	50,254	33,392	15,421	17,972	16,862	1,620	15,34
970-1979	65,714	26,902	9,995	16,907	36,812	14,179	24,83
980-1986	96,368	63,061	10,941	52,140	33,267	19,758	13,52
970	0.588	3,676	1,366	2.288	2,882	70	2.82
971	7.836	3,442	1,290	2.143	4,366	743	3.66
972		3,940	1.836	2.301	3,080	550	4.89
973	9,472	4.117	1,391	2,726	5,366	550 1,396	480
974	8,510	3,996	1,150	2,759	4,864	1,396	3,20
975	6,916	4,908	1.679	3,229	2,009	750	1.20
976		3,878	1.750	2,119	2.535	1.442	1.00
976. TQ 1	2,603	1.931	840	1.091	672	404	17
977	7.784	5.594	2,063	3,511	2,190	1,411	77
976	9.014	6.661	2,530	4,131	2,363	1,601	78
979	13,845	7,120	1,900	5,220	8,725	5,173	1,56
960	9,696	7,573	1,883	5,580	2,122	1,450	67
931	10,550	7,305	1,460	5,945	3,245	2,546	60
982	12,324	8,129	1,454	6,675	4,195	3,084	1,11
983	14,202	8,603	1,619	6,984	5.500	3.932	1,86
934	15,524	9,036	1,621	7,417	6,486	4,401	2,00
906	18,126	12,327	1,579	10,748	5,801	2,366	3,43
1985	15,245	10,106	1,216	8,861	9,636	1,900	3,00
lear East and South Asia	8,750	4,331	535	3,796	4,427	1,242	3,16
est Asia	909	618	107	511	361	278	10
urope	631	133	li -	133	400	426	7
atin America	1,729	1,490	342	1,146	236	. 8	23
<b>Virice</b>	1,421	1,216	232	986	205	27	17
)ceanie end other	15	15	l -	15	1 1	-	•
ion-regional	2.408	2.318		2.318	91		

<sup>-</sup> Represents zero. 1 Transition quarter, July-Sept.

No. 1340. U.S. FOREIGN MILITARY AID, BY REGIONS AND SELECTED COUNTRIES: 1982 TO 1986
[In millions of dollars. For years ending Sept. 39. Military aid data include Military Assistance Program (MAP) grants, foreign military credit seles, intermetional Military Education and Training, and excess defense articles]

REGION AND COUNTRY	1982	1983	1984	1965	1900	REGION AND COUNTRY	1832	1982	1984	1900	1900
Total	4,195	5,500	6,468	8,881	5,888						
Near East and						East Asia	363 42	367 27	443	416 34	21
South Asia	3,000	4,164	4,765	4,248	4,427	Maleysia	11	l 5	1 71	5	•
Egypt		1.327	1.367	1,177	1.246	Philippines		51	52	42	106
Greece		281	501	501	432	South Kores	167	187	232	232	105 1 <b>6</b> 5
lerael		1,700	1,700	1,400	1,723	Theiland	81	98	101	102	1 20
Jordan	57	53	117	1.700	83	•	-40	336	338	279	200
Lebenon	11	102	16		83	Africa 1	319		330	2/2	-
	30	30	40	40	6	Cameroon	2	5			
Omen	30					Djibouti		3	2	3	(2)
Pakistan	400	261	301	326	312	Gebon	(2)	2 2	3		~
Turkey	403	403	718	704	619	Kenya		22	24	22	21 21
Yemen	12	7	5	6	3	Liberia		13	13	13	-6
Latin America 1	151	164	350	289	238	Morocco	31	101	70	50	36
Colombia		1 1	25	1		Niger		3	'2	5	74
Costa Rica		, i	-	1 11	3	Somalia	25	31	33	34	20
Dominican Rep		,	ě	1		Sudan	101	44	47	46	17
Ecuador		5	7	1 7		Tunisia	96	102	112	67	80
El Salvador		81	197	136	122	Zaire	11	10	8	8	
Heiti	•	. "	1 107	, , , ,	122	Europe		614	611	631	400
Honduras	31	48	77	67	61	Portugal	67	111	106	128	112
Jamaica	2		l "	l %	l o	Soain	127	403	403	403	395
	5	1 3	14	11		Non-regional	78	53	72	700	<b>7</b>
Panama	5	5		١ '			,,,	-	· ·		•
Peru	. 5	. 5	11	, ,	, ,			ı	1		ı

Z Less than \$500,000. 1 include amounts not shown separately.

Source: U.S. Agency for International Development, U.S. Overseas Loans and Grants and Assistance from International Organizations, annual.

Source: U.S. Agency for international Development, U.S. Overseas Loans and Grants and Assistance from International Organiza-

1341. U.S. FOREIGN AID-COMMITMENTS FOR ECONOMIC ASSISTANCE, BY REGIONS AND SELECTED COUNTRIES: 1982 TO 1986

illens of dollars. For years ending Sept. 38. Falls under economic portion of the Foreign Assistance Act. Data cover commitments for economic and technical assistance by AID. See text, section 29]

N AND VTRY	1982	1980	1984	1965	1900	REGION AND COUNTRY	1980	1900	1984	1965	1900
onic Istance	4,900	5,244	9,554	6,132	6,783	Latin America 1— Con.				•	
Acia 1	2,367 74 15 771	2,400 79 15 750	2,474 77 15 863	3,967 76 15 1,065	3,723 72 14 1,099	Paraguay	36 13 22	36 19 37	(Z) 119 16 23	36 107 30 380	26 63 29 765
	605 15	785 20 52	910 20 28	1,950 100 20	1,836 95 16	Africe 1	11 5	10 22 6	(2)	10 8 4	14 16 3
	16 15 100	14 15 200	14 15 225	18 20 250	17 20 283	Cemeroon	4	19 2 2 1	23 2 11 1 3	24 3 16 1	25 3 16 1
Sense)	49 300 23 16	51 286 28 17	45 139 27 19	35 175 28 23	25 120 25	Equatorial Guinea Gambia, The Ghana Guinea	1	1 4	148	1 6 2	1 5 4
• • • • • • • • • • • • • • • • • • •	219 8 88 69	216 14 72 87	338 12 75 64	313 15 72 183	516 10 65 351	Guinee-Bleeau Kenya Leeotho Liberia	2 39 10 47	2 61 12 45	2 53 10	4 40 11 60	2 43 10 45
a	31 23	23 21	36 23	36 7	31 59	Malewi Mali	10	7 10 5	6 12 5	26 32 11	36 13
	1 96 52 20 22	48 13 20	92 10 40 12	94 2 80 12	131 	Morocco	12 13 7	11 21 5	28 28 8	7 38 26 19	37 24 7
rice 1	614 - 2 32	849 17 11 184	912 4 52 148	1,000 23 18 196	1,124 10 36 136	Senegal	34	19 2 1 46 115	26 2 1 51 146	4 ° (35)	50 22 46 71 11
ın Rep dor	60 17 155	35 22 198	64 23 161	126 33 376	67 50 <b>206</b>	Suden	11 3 5	- 3 5	1 4 2	9 23	11 (2) 11 23 15
<b>A.</b>	8 2 12 66 119	22 (X) 27 67 82	5 26 71 86	76 31 206 115	90 - 47 112 86	Uganda	7 10 20 75 57	15 16 60 59	28 21 41 50	9 36 42 41 96	15 48 20 13 86
<b></b>	6 12	- 6	11	74	33	Non-regional	1,100	1,180	1,270	1,463	617

seents zero. Z. Less than \$500,000. Includes countries not shown separately. Pagional programs covering i, El Salvador, Gusternala, Honduras, Nicaragua, and Panama.

U.S. Agency for International Development, U.S. Overseas Loans and Grants and Assistance from International Organization and unpublished data.

#### No. 1342, U.S. EXPORTS AND IMPORTS OF MERCHANDISE: 1960 TO 1966

[In billions of dollars, except percent. Includes aliver ore and buillon; beginning 1974, includes shipments of nonmonetary gold. Data may differ from these shown in tables 1345, 1349, and 1360, due to revisions and inclusion of the Virgin letends alice 1974. For basis of dollar values, see text, section 29. See also Historical Statistics, Colonial Times to 1970, series U 190-195 and U 207-212]

			E	XPORTS 1				GENERAL I	MPORTS (	)	AVE	
	Mer- chandise			Dom	estic					Trans-	PER	71495
YEAR	trade balance	Total *	Total <sup>a</sup>	Agri- cul- tural	Me- chin- ery	Trans- port equip- ment	Total *	Petro- leum	Me- chin- ery	port equip- ment	Do- meetic es- ports	Gen- eral in- ports
1960	5.3 3.8 4.1 .6	19.8 28.7 29.4 30.9 34.1 37.3	19.4 26.3 28.9 30.6 33.6 36.8	(NA) (NA) 6.9 6.4 6.2 5.9	(NA) (NA) 7.4 8.0 8.6 9.9	(NA) (NA) 3.8 4.5 5.9 6.5	15.0 21.4 25.5 26.8 33.2 36.0	(NA) (NA) 2.1 2.1 2.3 2.6	26 3.0 3.7 4.5	33 22 28 43 53	19.8 4.0 9.8 5.9 9.8 9.5	.1 43 192 51 84 11.1
1970	-20 -64	42.7 43.5 49.2 70.8 98.1	42.0 42.9 46.4 89.7 96.5	7.2. 7.7 9.4 17.7 22.0	11.4 11.8 13.2 17.1 23.7	6.5 7.9 8.3 10.7 14.5	40.0 45.6 55.6 69.5 102.6	2.8 3.3 4.3 7.6 24.3	5.3 6.0 7.8 10.0 11.6	5.9 7.9 9.6 11.1 12.5	14.1 2.1 12.8 44.0 38.5	10.8 14.0 21.9 25.0 47.9
1975 1976 1977 1978 1979	-8.3	107.7 115.2 121.2 143.7 181.9	106.1 113.5 118.9 141.0 178.6	21.9 23.0 23.7 29.4 34.8	28.5 31.3 32.5 37.0 44.7	17.2 18.2 18.5 22.3 25.8	96.5 123.5 150.4 174.8 209.5	24.8 31.8 41.5 39.1 56.0	12.0 15.2 17.7 24.4 28.0	12.2 14.6 17.8 23.2 25.6	9.8 7.0 4.8 18.6 28.7	-4.0 25.4 21.8 16.2 19.9
1960	-31.6	220.6 233.7 212.3 200.5 217.9	218.5 228.9 207.1 198.0 212.1	41.3 43.3 36.6 35.1 37.8	55.8 62.9 60.3 54.3 60.3	28.8 32.8 23.6 26.3 29.7	244.9 281.0 244.0 258.0 325.7	77.8 75.6 59.4 52.3 55.9	31.9 38.2 39.7 47.0 68.4	25.6 31.4 33.6 38.2 50.8	21.2 5.7 -9.5 -5.4 8.2	19.9 6.6 0.5 5.7 20.2
1985 1986	-132.1 -152.7	213.1 217.3	206.9 206.4	29.2 26.1	59.5 60.4	34.8 34.9	345.3 370.0	49.6 34.1	75.3 67.5	<b>62.</b> 0 74.0	-25 -2	6.6 7.2

NA Net available. 

Includes "Special Category" items and beginning 1974, includes trade of Virgin Islands with foreign countries. F.a.s. value basis. 

Domestic and foreign exports excluding M.A.P. Grant-Aid shipments, including resports.

Includes commodity groups not shown separately.

4 1980-1973, 1982-1988, customs value basis; 1974-1981, f.a.s. value basis. Beginning 1974, includes trade of Virgin Islands with foreign countries. 

4 1980, change from 1988; thereafter, from previous year. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source: U.S. Bureau of the Ceneus, Highlights of U.S. Export and Import Trade, FT 990, monthly.

# No. 1343. U.S. EXPORTS AND IMPORTS—INDEXES OF UNIT VALUE (AVERAGE PRICE), AND QUANTITY: 1970 TO 1986

[1977 average = 100. See headnote, table 1347. See also Historical Statistics, Colonial Times to 1970, series U 225-246]

	IN	DEX OF	EXPORT	S OF U.	S. MER	CHANDIS	SE.		IND	EX OF	BENERA	L IMPOR	RTS	
ECONOMIC CLASS	1970- 1975, avg.	1980	1982	1983	1984	1985	1986	1970- 1975, avg.	1980	1982	1983	1984	1985	1986
Unit value	67.4	138.1	152.5	154.1	156.2	155.0	155.4	59.8	161.4	167.5	160.6	163.5	159.4	154.0
Crude	84.1 76.7	140.0	127.9	134.9		122.9	109.2	87.5	103.8	92.2	88.9 151.8	95.3 149.4	93.7	106.5
Materials, crude	58.3	122.1	116,7	117.0	121.7	109.7	103.1	46.1	224.2	232.4	210.4	205.2	192.0	115.2
Manufactures:	75.000	110	155	10.5	T.	Wig.C		1030			0.00	5.3	100	
SemiFinished	69.7 67.0	167.6 134.8	165.7	150.5 168.4		144.9 175.1	135.9 181.7	57.4 66.6		157.9 147.6	152.8 143.5	150.1 149.3	137,4	119.9
Quantity	82.3	132.9	115.1	107.8	115,1	113.0	112.6	77.4	102.5	99.9	110.3	136.7	148.6	164.5
Crude	78.4 73.1	146.6	136.6	129.7 135.8		111.7	95.6 140.8	114.5 84.7	104.5	111.1	120.6	128.9	139.2	146.1
Materials, crude	88,8	139.3	137.7	119.1		114.8	113.8	53.3	80.5	58.9	54.3	56.0	53.9	66.2
Manufactures:		1		100	Lot	0.66	1979	The state of	3.0	100		133		
SemiFinished	92.0 79.9	159.1 124.7	141.0	138.6 96.5		153.8	162.0	92.4 81.0	88.1 125.4		108.6	136.6 209.4	136.3	157.1 259.9

Source: U.S. Bureau of the Ceneus, unpublished data.

### IA. DOMESTIC EXPORTS AND GENERAL IMPORTS OF SELECTED COMMODITIES—VALUE, BY AREA: 1986

B of dollars. Includes nonmonetary gold. Exports are f.a.s. (free alongside ship) transaction value basis; imports are customs value basis]

	U.J.		TERN PHERE	WES	TEAN EUR	IOPE		ASIA		10
CTED COMMODITIES	Total 1	Cana- da	Mexico	United King- dom	West Germa- ny	France	Japan	China: Taiwan	South Korea	OPEC *
itic exports, total	206,376	43,470	11,937	10,720	9,963	6,922	23,153	5,399	6,239	10,660
ral commoditiesultural commodities	26,061 180,315	1,534 41,936	(NA)	678 10,042	1,042 8,921	(NA) (NA)	5,088 18,065	(NA) (NA)	(NA) (NA)	(NA
animats neat preparations sereal preparation id wheat flour id tobacco als, excluding fuels imber and scrap and grated	17,303 1,424 7,368 3,217 2,718 2,920 17,324 4,334 2,240 2,802	1,333 91 120 2 40 49 1,369 33 244 414	595 50 215 (z) 145 2 803 179 43 100	414 28 30 1 9 63 600 94 45 131	448 10 19 1 8 257 885 230 71 68	311 75 18 (z) 12 33 322 87 10 32	4,144 761 1,500 425 878 390 4,068 (z) 1,097 662	545 9 414 102 271 47 1,053 359 87 184	443 3 372 240 130 12 1,578 206 117 298	1,619 19 1,122 657 97 232 425 47 8
coald related products	8,114 3,862 22,766	1,397 693 2,668	390 8 1,288	202 138 895	78 40 1,180	304 231 721	1,311 555 3,081	270 155 861	230 124 760	163 34 1,089
goods , fabric, articles eel mill products  prating  ustrial liheery and computers nications  ippment motor vehicles parts scientific, and controlling	14,005 573 1,020 60,397 9,165 1,421 714 15,457 4,468 13,630 34,893 18,575 15,106	3,527 501 298 10,788 2,393 643 1,754 2,124 531 2,048 14,707 13,865 631	1,194 191 147 4,820 662 57 688 421 557 1,757 1,291 1,098 105	700 125 33 4,644 578 45 437 1,866 320 848 1,102 208 847	567 99 30 3,632 380 32 325 1,568 151 711 1,354 313 1,015	299 59 17 4,862 915 58 215 950 86 438 778 140 611	1,290 122 49 4,085 497 33 327 1,379 312 961 2,137 263 1,826	248 38 33 1,422 139 4 144 268 178 539 301 59 205	388 44 18 1,694 179 3 161 250 144 648 321 43 267	735 222 74 3,284 466 127 725 322 338 1,896 708
al Imports, total	6,732 369,961	814 68,253	17,302	617 15,396	541 25,124	358 10,127	736 81,911	145	188	19,751
al commodities utilitaral commodities animals neat preparations ing shellfish and fruit d tobacco us, excluding fuels stocks and sorap and related materials aloum products d related products.	21,281 348,681 20,803 2,367 4,691 4,200 4,293 3,866 10,432 1,547 3,140 2,148 37,310 22,721 11,420 2,994 15,001	2,015 66,237 2,674 537 1,021 1772 (2) 459 5,680 1,414 2,993 675 6,536 2,937 1,061 2,451 2,752	(NA) (NA) 2,202 57 371 870 578 186 607 540 11 68 3,738 3,261 390 65 461	201 15,195 186 (Z) 39 4 54 54 118 (Z) (Z) (Z) 1,806 162 62 1,509	636 24,487 384 6 5 95 108 229 104 (2) 2 17 77 72 (2) (2)	(NA) (NA) 199 7 31 33 (z) 806 94 1 (z) 22 119 4 112 2 1,239	269 81,643 446 1 2600 48 (2) (2) (2) (2) (2) 3 3 68 21 23 1 1,792	(NA) (NA) 421 2 257 124 (Z) 2 42 (Z) 2 1 32 32 (Z) 238	(NA) (NA) 179 (2) 140 19 205 7 15 (Z) 1 41 41 (Z) 130	(NA) (NA) 1,372 (Z) 407 225 (Z) (Z) 19 445 (Z) 10,663 4,813 375 143
goods srboard sel metals rating lustrial inications *	48,826 5,718 8,168 7,699 87,549 9,802 9,657 20,720 20,155	11,815 4,405 1,198 2,486 7,345 2,074 1,160 642 1,459	1,584 224 177 366 6,531 1,083 291 1,463 2,235	1,691 111 264 394 6,074 1,084 632 136 599	2,671 173 823 325 7,570 949 1,524 143 1,414	1,475 79 518 147 2,759 1,325 348 50 483	8,833 151 2,241 505 33,649 1,942 2,755 12,449 5,455	2,992 59 177 28 5,708 64 598 1,895 1,565	1,816 32 523 14 3,649 27 182 1,580 1,298	853 29 85 267 114 6
hinery and data g equipment ipment spment spment spment cars lie parts	14,669 74,013 54,661 45,302 11,912 17,288 6,473	859 22,533 15,213 11,817 5,575 213 34	305 1,148 570 434 531 321 80	432 2,188 754 721 335 229 30	581 9,294 8,329 8,121 708 115 25	157 1,624 126 (z) 1 233 100	7,307 31,049 26,597 21,061 3,093 464 13	1,233 608 3 (z) 2,596 2,101	515 896 799 1 (z) 2,529 1,489	22 13 2 8 276

ints zero. NA Not available. Z Less than \$500,000. Includes countries and regions not shown seperiganization of Petroleum Exporting Countries. See table 924 for list of countries. Agricultural machinery and tractors, excluding tractor parts. Includes sound recording and reproducing apparatus and 2 Electrical machinery, apparatus, appliances, and parts. Includes motor vehicle and tractor parts, except tree,

Bureau of the Census, Highlights of U.S. Export and import Trade, Report FT 980, December Issue; U.S. General d Area and Country of Origin by Schedule A Commodity Groupings and FT 166, U.S. Exports/World Area and estination by Schedule E Commodity Groupings FT 455.

NO. 1346. EXPORTS, IMPORTS, AND MERCHANDISE TRADE BALANCE, BY CONTINENT, AREA, AND COUNTRY: 1975 TO 1986

millions of dollars, except percent, includes after one and buillion. Area, continent, and includes exports of special catagory commodities, if any. Beginning 1990, data include surrorents are set of Vital inlands are set of Vital inlands with foreign countries, see footbote 2 for exception. Minus sign (--) denotes an excess of imports over exports. See Historical Statestary, Colonial Times by 1970, series U 31-382, for selected countries] Ē

Commence of the same and an arrangement of	۵	EXPORTS, DOMESTIC AND FOREIGN	MESTIC AN	ID FOREIGH	2		GEN	GENERAL IMPORTS	RTS 1			MERCHAN	MERCHANDISE TRADE BALANCE	BALANCE	
CONTINENT, AREA, AND COONTRY	1975	1980	1984	1985	1986	1975	1980	1984	1985	1986	1975	1980	1984	1985	1986
Total *	107,592	220,783	217,888	213,146	217,304	96,902	244,871	325,726	345,276	196,961	+ 10,690	-24,088	-107,838	-132,130	-152,657
Developed countries a	64.780	130.848	135.884	134.018	141.447	56.700	125.306	200 714		245 967	+8 080	15.542	-84 830	- 89.296	104 520
Percent of total	60.2	59.3	62.4	65.9	65.1	58.5	51.2	61.6	64.7	66.5	X	(%)	(8)	X	×
Developing countries 3	39,215	81,125	74,421	71,673	70,639	39,311	117,025	119,790		117,221	96-	-35,900	-45,369	-44,488	-46,582
ommunist areas, total	3,092	7,616	7,214	7,091	5,125	891	2,496	5,221		6,773	+2,201	+5,120	+1,993	+1,290	1,648
Unidentified countries	900	1,116	368	365	94	•	44			8	ı	+1,072	+368	+365	+
Africa	4,949	9,060	8,827	7,388	5,978	8,299	34,410	14,355	11,964	10,348	-3,350	-25,350	-5,528	-4,576	-4,370
Asia	28,223	60,168	64,533	60,745	64,532	27,252	80,299	120,132	131,884	153,869	+971	-20,131	-55,599	-71,139	-89,337
Oceania	2,340	4,876	5,745	6,399	6,659	1,508	3,392	3,558	3,819	3,717	+835	+1,484	+2,187	+2,580	+2,942
Europe	32,732	71,372	62,207	59,978	63,631	21,623	48,039	73,307	81,692	91,826	+11,109	+23,333	-11,100	-21,714	-28,195
North America	30,040	56,737	65,159	67,249	64,461	30,976	64,287	83,330	94,985	91,724	- 936	-7,550	-28,171	-27,736	-27,263
South America	8,803	17,377	11,050	11,022	11,950	7,232	14,400	21,043	20,932	18,477	+1,571	+2,977	- 9,993	-9,910	-6,527
Western Hemisphere	38.843	74.114	76.209	78.271	76.411	38,209	78.687	114.373	116,916	110,201	+634	-4.573	-38.164	-37.645	-33,790
	1	00000		1					1		1		1	1	1
Canada	21.744	35,385	46,524	47,251	45,333	22,151	41,459	66,478	900,69		-407	-6,064	19,854	27.755	-22,920
Other Western Lemischers	15,650	36,030	206,92	27,850	806,72	1,040	706'67	42,341	43,448	_	+3,808	+6,078	16,039	9999	5/0/11
Central American Common Market	896	1.951	1.659	1,622	1,787	810	1.849	1,757	1,722	2,061	+ 158	+102	- 98	- 100	-284
hate Dice	0.00	000	2	100	700	130	950	120					9	20	92.
El Salvador	194	272	427	445	518	182	427	380	396	388	+ + 5	-155	+37	+ 49	+133
Guatemala	255	552	377	405	400	173	435	444	409		+82	+117	-67	4	-201
Honduras	151	379	322	308	363	145	419	383	375		9+	-40	-71	19-	0/-
Nicaragua	156	250	112	45	8	131	211	25	41	-	+25	+36	+ 55	+	+5
Latin American Free Trade Association	13,773	32,274	22,820	24,414	24,180	10,100	26,735	38,861		35,655	+3,673	+5,539	1	-15,529	-11,475
Argentina	929	2,625	006	721	944	215	741	854		856	+413	+1,884		-348	+88
BOINE	138	172	90	120	112	88	182	155		124	+48	- 10		+51	12000
Chile	3,056	4,040	2,640	3,140	3,865	1,46/	3,715	1,62		6,813	+1,589	+ 628	•	4,380	- 2,926
Colombia	843	1,736	1.450	1 468	1319	200	1241	1 146		1874	+47	+ 495		+137	- 560
Ecuador	410	964	655	591	601	463	876	1.695		1.465	-53	-12	1	-1.246	-864
Мехасо	5,141	15,145	11,992	13,635	12,392	3,066	12,580	18,020		17,302	+2,075	+2,565	1	-5,497	-4,910
araguay	33	109	2	88	171	18	81	41		30	+14	+28		+75	+141
797	988	1,171	751	496	693	387	1,386	1,342		803	+499	-215		-591	-110
UNDURY	1900	183	980	28	9	24	18	263		472	+57	+86		- 483	-3/2
Other Latin America	6,643	1,000	1822	1 814	0000	3,020	1 360	100		8000	1,382	140		19,130	1
Basic	8	(2)	-		2	E E	30		38	(2)	B	B	37	7	+
Dominican Republic	463	796	949	742	921	834	787	1,018	_	1,085	-181	+	-372	-240	-184
**************************************	144	311	419	396	387	107	252	377		375	+37	+59	+45	9+	+ 12
чалата	24.7	9	-	-											

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-282	85 + 7+ 25 + 55 25 + 5		22,9602	<del></del>	<u>'</u>	2824 2826 2024 2006 1	27-1 26-6+++ 26-68-4++
_			4	23,061 - 18,826 - 1,831 - 1,366	22 + + 20 + + 10 + 10 + 10 + 10 + 10 + 1		
-2,171	-618 -721- -723+ -123	27 - 1164 - 164 - 166 - 166 - 161 - 161	-13,134	- 13,140 - 12,731 + 2,162 - 613 - 2,076	+ + 510 + + 510 + + 484 + 170 - 2282 - 7,912	-3,412 -336 -432 -1,66	207.1- 208.1- 4.1- 5.4- 5.4- 5.4- 5.4- 5.4- 5.4- 5.4- 5.4
-4,500	1.07. 1.2. 1.2. 1.2. 1.1. 1.0. 1.1. 1.0. 1.1. 1.0. 1.0	-24 -27 -2,116 -2,116 -1,703 +511	+20,910	+20.517 +20.809 +4.747 +136 +2.220	++	-283 +56 +86 -121 -121	+++++ 678 46+ 7910 46+
-2,766	-672 +2 +6 +68 +28 +28	+ + 24 + 74 + 28 - 1,331 - 28 - 916 - 15	+ 9,063	+8.948 +1.218 + 1.80 + 867	+ + + + + + + + + + + + + + + + + + +	+ 670 - 622 + 112 - 53 - 107 + 107	++2++ ++27+ ++57+ ++37
2,408	442 108 108 3 3	2822884	88,625	86.130 75.736 1.757 10.129	26.00 26.00	26.81 200 200 200 200 200 200 200	<b>₹</b> ₹8 <b>\$</b> \$
3,462	202 77 7 202 8 3 3 7 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	22888 <u>\$</u> 8	78,786	78.1822 87.822 7.3867 1.886 8.482	88 64 4 4 4 5 6 4 4 6 6 6 6 6 6 6 6 6 6 6	25. 25. 25. 25. 25. 25. 25. 25. 25. 25.	4.6. 4.6.8.2.4.4
6,664	571.7 252 8 8 8 5 5 5 5	5.5 5.5 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	71,163	70,626 30,229 31,339 1,418 8,113	8286.4958 2887.288	10,61 4:7 207 408,1	2.2.2.2.5.4.2.4.4.2.2.2.2.2.2.2.2.2.2.2.
7,277	98. 98. 13. 7. 41.	588 <b>25</b> 80	46,802	46,137 37,862 1,914 727 5,286	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	25 4 25 25 25 25 25 25 25 25 25 25 25 25 25	
4,210	8446-7	20 2 3 2 <u>7</u> 2	20,062	20.627 17.637 1.1.837 2.1.4 2.1.4 2.1.4	52 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	52. 23.488	25482 25482
3,110	761 147 50 236 39 2	4 <b>6882</b> 88	27976	61,003 63,156 5,399 756 7,216	4.1.4.2.0.2.2.4.2.0.0.2.4.2.0.0.0.0.0.0.0.0	5 4 8 8 8 8 8 8	1,671 1,601 1,600 1,100 1,100 1,111
8,170	786 173 58 258 28 28 3	24 <u>2</u> 428	66,783	80.4 90.64 90.00 90.00 90.00 90.00	44.44 24.54 24.55 24.55 24.55 25.55	6,7 24,4 28,8 8	22.22 22.22 22.22 22.22 23.22
3,383	252 252 253 253 253 253 253 253 253 253	2 <b>48</b> 2522	<b>86</b> ,010	24.08 4.08 108.0 780.0 780.0	45.47 25.23	8.50 8.50 8.50 8.50 8.50 8.50	2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.
2,000	88 88 80 0 c	<b>8</b> 8348 <b>8</b> 2	67,512	25.00 25.00	25.8 25.8 25.5 25.0 25.0 25.0 25.0 25.0 25.0 25.0	5,4858	5.5. 5.5.3.85 5.5.3.8
1,444	88888	854858°	37.02	26.575 26.806 2.417 3.031	35.55.4.4.4.4.2. 5.55.4.4.4.4.2.4.2.4.2.4.2.4.2.4.2.4.2.4	9.8 192 193 193 193 193 193 193 193 193 193 193	858884
Other Western Hemisphere	Barbados Barbados Barbados Barbados Barbados Barbados Barmadas Barmadas Greech West Indee	Character of Wholesed learneds  Learned and Wholesed learneds  Lightness  This date and Tologo.	Western Europe	OECD * European Economic Community * Balgian and Losembourg	Cheece *  Particular to the cheece to the ch	Other OECO 4	

e footnotes at end of table.

NO. 1346. EXPORTS, IMPORTS, AND MERCHANDISE TRADE BALANCE, BY CONTINENT, AREA, AND COUNTRY: 1975 TO 1986—Continued

[in millions of dollars, except percent. See headnote, p. 770]

	EXE	EXPORTS, DOMESTIC AND FOREIGN	<b>IESTIC AN</b>	D FOREIGN			GENE	GENERAL IMPORTS 1	PTS 1			MERCHAN	MERCHANDISE TRADE BALANCE	BALANCE	
CONTINENT, AREA, AND COUNTRY	1975	1980	1984	1985	1986	1975	1980	1984	1985	1986	1975	1980	1984	1985	1986
Communist areas in Europe	2,787	3,860	4,188	3,215	1,989	731	1,437	2,154	1,936	2,001	+2,056	+2,423	+2,034	+1,279	114
Czechoslovakia	28	185	28	8	72	35	89	98	38	88	+55	+116	128	113	-1
East Germany	17	479	137	25	88	11	45	149	85	87	9:	+435	125	650	75
Poland	583	714	318	238	151	243	416	220	220	233	+340	+298	1 + 98	+18	1 8
nanie	191	722	249	208	251	133	312	893	882	754	+ 58	+410	-644	-674	-50
iet Union.	1,835	7,513	3,284	2,423	1,248	33	10	254	90°	558	+1,580	+1,059	+2,730	+2,014	+ 69
A6h	28,223	891,09	64,533	60,745	64,532	27,252	80,299	120,132	131,884	153,869	+871	-20,131	-65,599	-71,139	- 89,33
JapanCommuniel areas	9,563	3,756	3,027	3,876	26,882	11,425	30,714	3,067	3,865	4,772	-1,862	- 9,924	-33,560	-46,152 +11	-55,02
tear East Asia	6,263	11,900	11,133	8,709	8,415	5,401	18,672	8,062	6,267	7,890	+2,862	-6,772	+3,071	+3,442	+ 52
Sabraín	850	197	145	107	195	200	16	25	25	77	010	+ 181	+84	+53	+114
	310	724	664	427	528	19	460	124	474	440	+291	+264	+ 540	-47	3 4
Srael	1,551	2,045	2,194	377	2,239	314	380	1,750	2,123	2,418	+1,237	+1,095	+ 444	+457	+322
(uwait	366	988	636	551	667	111	484	280	184	267	+255	+392	+376	+367	+38
anon.	368	303	286	141	108	33	33	7	19	30	+336	+270	+279	+122	+
Saudi Arabia	1,502	5,768	5,564	4,474	3,449	2,623	12,648	3,741	1,907	3,612	-1,121	-6,880	+1,823	+2,567	- 16
Oher	208	1,307	1,079	872	816	796	3,584	1,420	734	459	-288	-2,277	341	+138	+35
East and South Asia	10,095	23,722	26,798	24.530	26,099	10,267	29,854	51,868	52,969	59,296	-172	-6,132	-25,070	-28,439	-33,19
ighanistan	99	==	~	6		80	9	13	7	9	=	42	9	1	1
China: Talwan	1,659	4 337	2003	4 700	6 524	1 948	6.854	14 768	16 396	19 791	-287	-2517	-9.785	-11.696	-14 26
iong Kong	1,290	2,686	3,062	2.786	3,030	549	1,096	8,266	8,396	8,891	-765	+591	-5,204	-5,610	-5.86
donesia	910	1.545	1.216	795	946	2.222	5.217	5.462	4.569	3.312	-1.412	-3.672	-4.246	-3.774	-2.36
ampuchea	98	92	-1	12	11	-1	B	B	. 1	12	99+	+58	7°	81	
Alevala.	393	1337	1 856	1 530	7.50	257	2 577	2721	2300	2 421	-378	-1240	- 865	78.	-69
	-		200		2		-		-	-			070	760	18

252222 252222	25% <b>2</b>	<u>                                   </u>
	ļ	
- 786 - 784 - 784 - 209 - 579 - 579 + 2,880	+2,004 -133 +109 -4,576	1,003 1,003
- 3,370 - 3,370 - 1,60 - 1,213 - 1,21 + 2,167	+2.118 -70 +146 -6.822	- 3,118 - 6907 - 1907 -
+++538 +++538 +++538 +++++++++++++++++++	+1,584 -104 +4 +28,860	-6,035 -1,135 -1
+ + + + + + + + + + + + + + + + + + +	290 1 + + 080 1 - 200	1.727 1.727
27.21 27.21 33.7 1.46 1.7.78		550 550 550 550 550 550 550 550 550 550
24.24.00 26.00.01 28.24.1 36.00.00 36.00 36.00.00 36.00 36.00.00 36.00.00 36.00.00 36.00.00 36.00.00 36.00.00 36.00.00 3	2,637 880 221 221	2.33 2.45 2.45 2.45 2.55 2.55 2.55 2.55 2.55
2,430 9,363 272 1,326 8,466	2,675 791 92 14,86	3,626 1,010 1,010 1,010 4,000 4,000 1,000
1,731 1,921 1,26 1,26 1,26 816 816	2,508 703 160 144	9.577 9.00 9.00 9.00 9.00 9.00 9.00 9.00 9.
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23.380 3.00 3.0	155.2 128.2 188.3	2884 - 1921 - 1922 - 19
2.376 5.956 73 73 280 849 840	5,441 727 231 7,808	2,322 2,323 2,323 2,323 3,11 3,13 3,13 3
3.67.5 5.98.3 5.98.2 82.2 3.47.8 5.47.8	4,793 712 240 8,827	520 102 174 174 174 174 174 174 174 174
2005 2005 2005 2005 2005 2005 2005 2005	2.00 2.00 2.00 2.00 3.00 3.00 3.00 3.00	242 272 272 272 272 272 272 272 273 274 273 274 274 274 275 276 276 277 277 277 277 277 277 277 277
250 257 257 257 258 257 258 257 258 257 258 257 258 257 258 258 258 258 258 258 258 258 258 258	8 = 8	888-85 64887-484 8858855885
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Bource: U.S. Bureau of the Census, Highlights of U.S. Export and Import Trade, FT 990, monthly.

No. 1346. U.S. EXPORTS AND IMPORTS FOR CONSUMPTION OF MERCHANDISE, BY CUSTOMS REGION AND DISTRICT: 1970 TO 1986

(in billions of dollars. Exports are f.a.s. (free alongaide ship) value all years; imports are on customs value basis for years 1982 to present; f.a.s. value basis prior to 1982. See Historical Statistics, Colonial Times to 1970, series U 264-273, for related data)

CUSTOMS REGION AND				EXPORT	S				IMI	PORTS	FOR COM	SUMPT	ION	_
DISTRICT	1970	1980	1982	1983	1984	1985	1986	1970	1980	1982	1983	1984	1985	198
Total 1	43.2	220.8	212.3	200.5	217.9	213.1	217.3	40.0	244.0	242.3	258.0	323.0	343.6	368.
Boston, MA region	3.3	14.3	13.7	14.9	17.7	17.5	18.3	5.7	21.6	24.3	27.5	36.2	37.0	40.
Portland, ME	.1	4.3	.5	.7	.7	.6	.6	.3	1.6	1.8	1.8	2.3	2.3	2.
St. Albans, VT	.2	.7	.7	.7	1.1	1.1	1.3	4	1.6	1.8	2.0	2.5	2.7	2
Boston, MA	.4	.8	2.7	2.6	2.8	3.0	3.8	1.0	5.0	5.4	6.4	8.1	8.2	9.
Providence, RI		2.5	2	.1	(z)	(z)		.1	.6	1.0	1.0	.9	1.0	1.3
Bridgeport, CT	(Z) (Z)	.2	1		1.1	127	(z) (z)	.2	9	1.1	1.2	1.7	1.3	10
Ogdensburg, NY	14)	3.8	3.1	3.7	4.5	4.1	4.4	1.1	4.6	4.7	5.6	7.1	6.8	7.5
Buffalo, NY	1.7	6.3	6.3	7.0	8.5	8.4	8.2	2.7	7.4	8.4	9.2	13.7	14.7	15.5
New York, NY region	10.0	38.9					33.4	10.1	43.4	41.2	46.5			67.4
			31.2	29.0	31.3	28.5						59.2	60.5	
Baltimore, MD region	3.9	21.5	21.5	16.8	13.7	13.4	12.1	3.9	26.8	24.3	23.3	29.7	31.1	31.
Philadelphia, PA	.7	3.2	3.1	2.3	2.1	2.0	1.9	1.9	15.6	14.3	13.4	15.8	15.8	13.7
Baltimore, MD	1.3	9.0	8.6	7,1	5.8	5.5	4.9	1.4	6.0	5.4	5.5	8.5	8.8	11.0
Norfolk, VA I	1,8	8.9	9.3	7.1	5.4	5.4	5.3	.6	4.7	4.3	4.1	5.0	6.0	5.8
Washington, DC	1	.3	.5	.4	.4	.5	(Z)	.1	.4	.4	.3	. 4	.5	
Mlami, FL region	2.0	17.6	18.5	15.7	18.5	17.8	18.6	2.4	19.0	19.7	21.3	26.3	27.0	31.5
Wilmington, NC	.2	1.3	1.6	1.3	1.3	1.3	1.2	.2	1.1	1.3	1.3	1.7	1.9	2.4
Charleston, SC 3	.2	3.1	2.8	2.5	2.9	2.9	3.0	.3	1.8	1.8	2.3	3.0	3.3	4.5
Savannah, GA	.4	2.4	2.7	2.9	3.7	3.4	3.8	.3	2.2	2.9	3.5	4.7	5.1	6.4
Tampa, FL	.2	2.8	2.2	2.1	2.8	2.8	2.1	.6	3.7	4.1	4.6	5.7	6.6	7.6
San Juan, PR		.9	1.3	1.3	1.4	1.2	1.3	.6	3.7	2.9	3.5	4.3	4.0	3.8
Virgin Islands		.1	.5	.2	1.2	1.2		(NA)	4.1	4.0	2.6	2.5	1.7	1.2
Miami, FL	1100	6.9	7.4	5.5	6.2	6.1	(Z)	luni	2.6	3.1	3.3	4.3	44	5.2
Many Orleans I A reales	3.9						14.4	1.6	25.5	20.4	16.3	17.7		
New Orleans, LA region		22.0	21.3	19.6	18.1	15.0							17.5	17.1
Mobile, AL 2	.5	2.6	2.1	1.4	1.2	1.1	1.3	.3	3.0	2.3	3.2	3.4	2.8	2.3
New Orleans, LA	3.5	19.5	19.2	18.2	16.8	13.9	13.1	1.4	22.5	18.1	13.0	14.3	14.7	14.8
Houston, TX region	4.0	28.3	27.3	22.5	25.1	23.6	21.7	1.8	34.7	30.0	28.1	31.9	29.7	27.7
Port Arthur, TX	.5	2.0	2.0	1.5	1.7	.8	.7		9.4	4.2	5.0	5.2	2.7	1.3
Laredo, TX	1.1	8.3	6.1	4.4	6.4	7.2	6.3	.4	2.7	3.2	4.0	4.6	4.8	5.7
El Paso, TX	.1	1.8	1.3	1.4	1.8	2.1	2.3	.2	1.4	1.8	1.9	2.2	2.5	3.0
Houston/Galveston, TX	2.4	15.7	17.5	14.6	14.7	12.5	11.2	1.1	20.1	19.8	15.7	17.8	17.3	14.5
Dallas/Fort Worth, TX	(NA)	.5	.5	.6	.8	1.0	1.2	(NA)	1.2	1.3	1.5	2.2	2.4	3.2
Los Angeles, CA region	2.5	17.0	18.4	18.7	20.7	21.9	22.2	3.3	22.2	24.6	28.3	34.6	47.9	53.
San Diego, CA		1.4	1.4	.9	1.4	1.6	1.5	.2	1.0	1.1	1.2	1.6	1.8	2.
Nogales, AZ	.1	8.	.7	.6	.9	.8	.8	.2	1.2	1.7	1.7	1.9	2.0	2
Los Angeles, CA	2.1	14.8	16.3	17.1	18.4	19.5	19.9	2.9	20.0	22.0	25.4	31.1	44.1	48.5
San Francisco, CA region	4.9	29.3	26.6	27.6	29.3	30.1	32.1	3.6	25.0	26.5	30.2	38.1	38.5	44.
San Francisco, CA		10.6	11.4	11.3	12.4	11.3	11.4	1.3	8.3	9.5	11.2	16.2	15.5	19
Portland, OR		3.8				3.5	3.2			2.6		3.6	3.8	4.
	.В		3.3	3.7	4.1			.4	2.6		2.8			
Seattle, WA	1.9	12.0	8.9	10.0	10.1	12.1	14.9	1.3	9.2	9.3	9.9	12.7	13.4	15.
Anchorage, AK	.1	1.0	1.3	1.1	1.1	1.3	1.3	.1	.2	.3	- 4	.3	.2	1 4
Honolulu, HI	.1	.2	.2	.2	.3	.4	.2	.2	1.8	1.7	1.8	1.4	1.6	1.4
Great Falls, MT	.2	1.8	1.4	1.2	1.4	1.5	1.1	.3	3.2	3.4	3.8	3.9	4.0	3.3
Chicago, IL region	6,2	25.2	24.8	27.6	34.0	34.0	33.7	7.3	25.6	31.0	35.7	48.7	52.4	54.8
Pembina, ND	.4	2.3	2.1	2.0	2.3	2.2	2.3	.5	3.0	3.1	2.5	3.4	3.2	2.0
Minneapolis, MN	(Z)	.1	.1	.2	.2	.2	23	.1	.3	.5	.5	.8	1.0	1.3
Duluth, MN	.3	1.5	1.0	1.0	1.6	.9	.8	.5	3.0	2.6	2.9	3.3	3.0	2.4
Milwaukee, WI	. 3	.4	.2	.2	.2	.3	.1	.1	.4	.5	.8	.9	1.0	1
Detroit, MI	4.1	14.6	15.1	17.9	22.6	22.8	21.3	4.2	12.7	16.3	19.9	25.9	27.4	27.5
Chicago, IL	.8	4.2	4.3	4.7	5.1	5.4	6.1	1.2	4.1	5.2	5.8	10.1	11.4	12.3
Cleveland, OH	.5	1.8	1.8	1.7	1.9	2.1	2.7	.6	1.5	1.7	2.1	2.8	3.8	5.4
							2.7	.1	1.5		.8	1.4	1.6	2.0
St. Louis, MO	(Z)	.2	.1	.1	- 1	1 1	.2			1.1		1.4	1.6	2.0

NA Not available. Z Less then \$50 million. 

¹Totals shown for exports reflect the value of estimated percel post an Special Category shipments which are not distributed by customs region/district. Beginning 1984, the value of bituminous cost exported through Norfolk, VA; Charleston, SC; and Mobile, AL is reflected in the total but not distributed by region/district. Total bituminous coal exports for the 3 customs districts were valued at \$2.3 billion in 1984, \$2.6 billion in 1985 and \$2.3 billion in 1985 billion in 1985 billion in 1985 billion in 1985.

Source: U.S. Bureau of the Census, Highlights of U.S. Export and Import Trade, FT 990, monthly.

NO. 1347. EXPORT AND IMPORT UNIT VALUE INDEXES—SELECTED COUNTRIES: 1979 TO 1986 [Indexes in U.S. dollars, 1980 – 100. A unit value is an implicit price derived from value and quantity data]

double and			EXPOR	T UNIT	VALUE		-			IMPOR	T UNIT	VALUE		
COUNTRY	1979	1981	1982	1983	1984	1985	1986	1979	1981	1982	1983	1984	1985	1986
United States	88	109	110	112	113	112	113	80	106	104	100	101	99	95
Australia	86	102	95	90	88	79	77	78	103	97	93	93	88	93
Austria	92	86	84	80	74	73	97	88	90	84	79	74	74	92
Belgium	90	86	80	76	72	71	85	86 86	90	84	80	77	75	84
Canada	85	104	102	102	101	98	93	86	108	109	109	111	108	105
Denmark	95	90	86	81	77	78	99	89	93	87	82	78	78	93
France	90	88	83	79	77	78	(NA)	84	92	85	79	76	76	(NA)
Italy	85	92	89	85	81	81	98	80	103	97	91	87	86	91
Norway	75	100	95	87	85	84	74	87	92	86	79	72	73	85
Sweden	87	91	82	75	75	74	89	87	92	84	77	74	73	81
Switzerland	91	88	88	86	81	76	102	83	83	79	77	72	71	88
United Kingdom	80	94	88	82	78	79	93	83	93	88	82	79	79	88
West Germany	91	86	83	80	74	75	98	85	92	86	81	77	77	87

No. 1348. PERCENT DISTRIBUTION OF U.S. DOMESTIC EXPORTS AND GENERAL IMPORTS, BY BROAD COMMODITY GROUPS: 1970 TO 1986

COMMODITY GROUP	1970	1975	1977	1978	1979	1980	1961	1982	1983	1984	1985	1986
Exports:		1.3				1	7				1.7	
Food and live animals	10.2	14.6	11.9	13.0	12.5	12.8	13.2	11.6	12.1	11.5	9.3	8.4
Beverages and tobacco		1.2	1.6	1.6	1.3	1.2	1.3	1.5	1.4	1.3	1.4	1.4
Crude materials, inedible !		9.2	11.0	11.0	11.6	11.0	9.2	9.3	9.3	9.5	8.2	8.4
Mineral fuels and related materials		4.2	3.5	2.8	3.1	3.7	4.5	6.1	4.7	4.4	4.8	3.9
Chemicals	9.0	8.2	9.1	8.9	9.7	9.6	9.3	9.6	9.8	10.5	10.5	11.0
Machinery and transport equipment		43.0	42.2	42.0	39.5	39.1	41.8	42.1	41.2	42.4	45.6	46.2
Other manufactured goods	17.9	15.6	16.0	16.1	16.2	17.8	16.3	15.8	15.2	14.5	14.2	14.6
General imports:	100	1.5.5		1,40	1.00	11.00	19.0	10.0	17.0	1.414		,
Food and live animals	13.5	8.8	8.5	7.9	7.4	6.4	5.8	5.9	6.0	5.5	5.4	5.6
Beverages and tobacco		1.5	1.1	1.3	1.2	1.1	1.2	1.4	1.3	1.1	1.1	
Crude materials, inedible 1	8.3	5.8	5.7	5.4	5.2	4.3	4.3	3.5	3.7	3.4	3.0	1.0
Mineral fuels and related materials	7.7	27.5	30.2	24.5	29.1	33.9	31.2	26.8	22.5	18.7	15.6	10.1
Chemicals	3.6	3.8	3.4	3.7	3.6	3.5	3.6	3.9	4.2	4.2	4.2	4.1
Machinery and transport equipment		24.4	24.7	27.7	26.0	24.7	26.6	30.1	33.4	36.6	39.8	43.7
Other manufactured goods	33.3	24.9	23.8	26.9	24.8	22.9	24.3	25.1	31.7	27.2	27.5	28.5

<sup>1</sup> Excludes fuels.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, monthly. Also in U.S. Dept. of Commerce, International Trade Administration, *Overseas Business Reports*, U.S. Foreign Trade, annual.

#### No. 1349. DOMESTIC EXPORTS, BY SELECTED COMMODITY GROUPS: 1970 TO 1986

(In millions of dollars, Totals and subtotals include data for commodities not shown separately. Beginning 1975, exports include nonmonetary gold. Commodity data beginning 1979 are not strictly comparable with previous years due to changes in export classifications; see source for changes. Beginning 1990, includes trade of Virgin Islands with foreign countries (see tootnote 1 for exception). "N.s.c." means not elsewhere classified. See also //fetorical/Statistics, Colonial/Times to 1970, series U 274-294]

COMMODITY GROUP	1970	1970	1970	1980	1981	1962	1963	1984	1986	1905
U.S. merchandlee	42,500	106,561	178,578	<sup>2</sup> 216,068	228,961	207,158	196,900	212,057	206,925	206,376
Food and live animals	4,366	15,484	22,245	27,744	30,291	23,950	24,106	24,463	19,268	17.301
Meet and preparations	175	528	1,127	1,293	1,482	1,285	1,191	1,208	1,153	1,424
Meat, fresh, chilled, or	İ	l	l		i			1	'	· ·
frezen		491	1,057	1,217	1,389	1,194	1,110	1,129	1,090	1,365
Dairy products and eggs	. 137	134	161	255	433	409	373	366	366	407
Grains and preparations	2.596	11,642	14,450	18,079	19,457	14,747	15,152	16,076	11,050	7.368
Wheet and wheet flour		5,293	5,491	6.596	8.073	6,068	6.509	6,698	3,780	3.217
Rice		858	850	1,285	1.528	997	926	845	865	621
Coerse grains		5,272	7.804	9.866	9.501	6,420	7,231	8,241	6.251	3,132
Corn		4.448	7.022	8,570	8.014	5,682	6,480	7.081	5,319	2,718
Grain sorghums	196	698	866	1,090	1,174	720	747	880	839	389
Fruits and nuts	406	871	1.525	1,936	1.983	1,778	1,701	1.676	1,710	1,876
Fruit, freeh		404	824	716	802	730	761	1,070	693	780
Vegetables		406	605	992	1,131	237	744	759	867	781
Feed for animals		967	2,317	2,878	2,739	2,473	2.802	2.226	1.891	2.622
	1	1	1 '				_,-,		.,	_,
Beverages and tobecco		1,303	2,337	2,863	2,815	3,026	2,813	2,849	2,958	2,960
Tobacco and manufactures	679	1,253	2,148	2,426	2,723	2,845	2,647	2,704	2,789	2,732
Leaf tobacco		852	1,184	1,334	1,457	1,547	1,462	1,511	1,521	1,209
Cigarettes	. 159	366	909	1,055	1,229	1,235	1,126	1,120	1,180	1,298
Crude meterials, inedible, exc.		l	1				1		i	ĺ
fuels	4.806	9,784	20,755	23,791	20,983	19,248	16,068	20,249	16,068	17,324
Hides and skins, except fur	1 ,,,,,,	1 3,131	1 20,100		,		1.4,555		1.0,000	,
skine	145	295	992	694	700	778	807	1,171	1.088	1,314
Fur skins, undressed		115	340	352	325	244	203	212	207	207
Soybeens	1.216	2.865	5,708	5,883	6.200	6.240	5.925	5,438	3,906	4,334
Synthetic rubber	176	261	578	696	824	553	543	624	584	649
Wood in the rough 2	366	751	1,782	2,002	1,426	1.522	1,366	1,372	1,448	1,418
Wood shaped or simply	1			_,					''	.,
worked	. 193	413	1.015	1.060	933	811	914	841	780	994
Lumber, softwood	162	342	778	778	653	576	802	530	493	640
Woodpulp	464	875	1.104	1.852	1.661	1.415	1.432	1.502	1.343	1,662
Textile fibers and wastes		1.345	3.046	3.929	3,402	2,817	2,593	3,343	2,476	1.602
Raw cotton, excluding	1	, .,	0,000	5,525	5,702	2,017	2,500	5,545	2,770	.,
linters	372	991	2.196	2.864	2.260	1.955	1.817	2.441	1.633	773
Ores and metal scrap		1.355	3,325	4.518	2,718	2,174	2.276	2.866	2.692	2,802
Iron and steel scrap		760	1,142	1,226	830	610	637	918	917	1.054
Ores and scrap, nonferrous	1	,	1	1,220	-	0.0	ω,	0.0	• • • • • • • • • • • • • • • • • • • •	1,004
bese	397	481	1,920	1,223	899	880	451	560	517	480
Mineral fuels and related	1.505	4,470	5,616	7.303	10.279	12,729	9.500	9.311	9.971	8.114
materials		3.250	3,328	4,621	5,909	5.997	4.051	4,132	4,484	3,926
Petroleum and products		906	1,914	2,833	3,698	5,947	4,557	4,470	4,707	3,828
		275	839	733	799	345	667	568	549	3,630
Lubricating oils	1 1/3	2/5	630	733	7.00	J5	- <del> </del>	300	5-8	902
Animal and vegetable oils and					4				اممما	
_ fets		944	1,946	1,946	1,750	1,541	1,480	1,922	1,434	1,015
Tallow, inedible		290	655	677	645	572	566	617	536	360
Soybeen oil	192	266	776	889	474	488	447	742	431	253

See footnotes at and of table.

No. 1349. DOMESTIC EXPORTS, BY SELECTED COMMODITY GROUPS: 1970 TO 1986—Continued [In millions of dollars. See headnote, p. 775]

COMMODITY GROUP	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
Chemicals and related products	3,826	8,691	17,306	20,740	21,187	19,890	19,751	22,336	21,759	22,766
compounds	1,642	3,623	7,704	2,106	2,285	1,969	1,838	2,183	1,967	1,771
Dyeing, tanning, coloring	137	244	450	490	524	494	491	493	461	507
materials	420	866	1.591	1,932	2,165	2,275	2,494	2,628	2,708	3,090
Fertilizers, manufactured	178 653	1,083	1,404	2,265 3,884	1,735 3,809	1,386 3,650	1,267 3,732	1,815 4,050	2,160 3,777	1,935
Machinery and transport equip	200	45,668	70,491	84,628	95,736	87,148	82,578	89,973	94,278	95,290
Machinery * Power generating machinery	11,685	29,215	45,914	57,263	64,426	59,821	54,695	61,464	60,573	60,809
Power generating machinery	1,405	3,551	6,839 1,088	8,428 1,295	9,465	9,461	8,718 832	9,114	9,272 854	9,165
Agricultural machinery Tractors and parts		2,126	2,720	2,150	2,296	1,127	1,389	1,921	1,832	1,155
Electronic computers, parts		19.20	1000		32.00	2.10	12000			
and accessories Other office machines <sup>5</sup>	1,236	2,228	5,671	7,763 946	1,069	9,159	10,599	13,461	13,841	14,514
Metalworking machinery	396	922	1,391	1,756	2,158	1,611	1,121	1,175	1,249	1,467
Metalcutting machines	213	344	350	397	574	345	204	217	246	307
Textile, leather machinery Construction, excavating, and	273	486	628	693	685	554	453	520	498	554
maintenance equipment	434	1,277	1,234	2,076	2,189	1,553	762	760	820	3,775
Materials handling equipment Air-conditioning and refrigerat-	607	1,846	1,744	2,243	2,438	1,592	946	911	924	873
ing equipment	397	928	1,468	1,523	1,694	1,487	1,268	1,309	1,199	1,121
Pumping equipment, incl. parts	241	543	893	1,091	1,248	1,246	1,003	1,025	1,000	910
Pipe valves and parts	196	458	657	829	936	854	716	673	610	609
Power machinery, switchgear Generators, generating sets	611 117	1,709 548	3,140 487	3,254 619	3,835 745	3,624 686	3,221 376	3,652 590	3,381	3,496
Transforming, converting, transmission apparatus	156	417	553	914	1,116	1,325	926	995	937	937
Telecommunications apparatus	660	1,574	2,957	3,454	3,856	3,864	3,804	3,943	4,167	4,407
Radio, television apparatus	576	1,339	2,148	2,238	2,525	2,430	590	588	678	619
Domestic electrical equipment	119	359	666	796	841	673	611	626	550	542
Transport equipment 6	6,197	16,452 462	24,577	27,366 452	31,310 488	26,668 433	27,298 402	28,509 584	33,706 426	34,026 538
Road motor vehicles, parts Automobiles, nonmilitary,	3,245	9,290	13,904	13,117	14,733	12,751	13,492	17,651	19,445	17,695
new	822	2,852	4,611	3,919	3,919	2,860	4,200	4,868	6,020	6,254
Trucks and tractor trucks, commercial, new	452	1,712	1,583	1,467	1,618	1,186	1,042	1,686	2,183	1,996
commercial	1,603	3,620	6,147	6,058	7,395	6,939	7,531	9,069	9,376	8,492
Aircraft, parts, and accessories	2,656	6,136	9,719	12,816	14,738	11,775	12,189	10,914	14,373	15,106
Civilian aircraft	1,528	3,169	6,177	8,256	8,613	4,848	7,531	4,147	6,694	14,731
Other manufactured goods	7,636	16,592	28,879	38,602	37,381	32,700	30,097	30,839	29,347	30,834
Paper and manufactures	186 622	1,447	353 1,967	2,831	584 2,961	372 2,653	304 2,553	392 2,620	2,329	2,602
Paper and paperboard	526	1,131	1,430	2,162	2,192	1,877	1,843	1,914	1,722	1,992
Nonmetallic mineral mfrs., n.e.c	475	964	1,949	2,209	2,194	1,804	1,770	1,865	1,821	1,886
Matala and manufactures	2 070	5,661	7,926	12,071	10,244	8,243	6,954	6,979	6,285	1,081
Iron and steelmill products 1	1,188	2,382	2,227	2,998 936	2,801 663	2,101 372	1,415	1,248	1,152 270	1,020
Plates and sheets	226	1,412	567 1,077	1.080	1,252	1,214	731	605	510	391
Tubes, pipes, and fittings Silver bullion, refined Nonferrous base metals	31	104	238	1,327	181	106	169	86	82	57
Nonferrous base metals	893	1,090	1,745	2,964	2,046	1,768	1,606	1,634	1,798	1,195
Copper	358	333	425	434	388	322	386	395	299	682
Aluminum Metal manufactures, n.e.c		1,891	899 3,431	2,022 4,205	1,297 4,769	1,026 3,981	1,010	990 3,602	937 3,253	3,008
Tools for hand or machine		480	693	856	932	810	671	678	686	581
Textiles, other than clothing	603	1,624	3,189	3,632	3,619	2,784	2,368	2,382	2,366	2,570
Textile varn and thread	145	298	621	753	902	711	533	547	628	573
Cotton broad-woven fabrics Textile fabrics, woven, exc.	103	376	626 721	566 832	349 797	253 522	201 430	193	204 388	301 466
Clothing	198	403	931	1,183	1,208	931	796	776	754	879
Professional ecientific and	1000	1	300	199		1000	7	1000	100	1000
controlling instruments "	857	1,792	4,289	5,256	5,980	6,003	5,856	6,198	6,505	6,732
controlling instruments *	250 327	606 548	1,227 956	1,507	1,501	1,396	1,366	1,464	1,313	1,418
Other transactions	1,496 682 692	3,621 1,361 1,572	9,103 1,854 1,796	8,496 2,006 2,119	8,428 2,165 2,368	6,924 3,261 1,698	7,009 3,092 1,597	10,116 2,971 4,353	10,970 2,653 5,742	11,011 2,282 5,795

Includes revisions not carried to commodity groups; therefore commodity groups will not add to total.
 Beginning 1979, includes pulpwood chips, formerly classified in "Other manufactured goods" under "Wood and manufactures."
 Beginning 1979, includes nubber materials, formerly classified in "Other manufactured goods" under "Rubber manufactures."
 Beginning 1979, includes photocopy apparatus, formerly classified in "Other manufactured goods" under "Photographic and motion picture equipment."
 Excludes parts for tractors.
 Beginning 1979, includes photocopy apparatus, formerly classified in "Other manufactured goods" under "Photographic and motion picture equipment."
 Excludes parts for tractors.
 Beginning 1979, includes photocopy apparatus, formerly classified in "Other manufactured goods" under "Professional, scientific, and controlling instruments"; formerly classified under "Machinery."
 Beginning 1984, includes exports valued \$10,000 and under reported without a valid schedule B commodity number; beginning 1985, includes estimates of export shipments valued under \$1,001.

Source: U.S. Bureau of the Ceneus, U.S. Exports, Schedule E-Commodity by County, FT 410, monthly.

### NO. 1350. GENERAL IMPORTS, BY SELECTED COMMODITY GROUPS: 1970 TO 1986

[In millions of dollars, Imports are customs value basis for years 1982 to present, f.a.s. (free alongside ship) value basis prior to 1982. Totals and subtotals include value of commodities not shown separately. Beginning 1980, includes trade of Virgin Islands with foreign countries. "N.e.c." means not elsewhere classified. See also Historical Statistics, Colonial Times to 1970, series U 295-316]

COMMODITY	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
General imports	39,952 42,429	96,573 103,389	206,326 218,927	244,871 256,984	261,305 273,352	243,952 254,884	258,048 269,878	325,726 341,177	345,276 361,626	369,961 387,081
ood and live animals	5,375	8,503	15,171	15,766	15,238	14,453	15,412	17,973	18,649	20,802
cattle, except for breeding	111	77	249	228	182	289	301	279	301	426
		1,141	2,539	2,346	1,996	2,075	2,034	2,034	2,237	2,367
Meat, fresh or frozen	647	640	1,896	1,756	1,150	1,525	1,384	1,381	1,533	1,655
Ham, shoulders, and bacon "	241	397	395	336	325	349	399	399	438	482
Fish, including shellfish	794 447	1,356	2,639	2,612	2,962	3,143	3,594 1,855	3,671 2,673	3,985	4,691 2,781
Pananas	188	220	1,324	416	1,604	1,774	569	627	723	709
Meat, fresh or frozen Ham, shoulders, and bacon a Fish, including shellfish Fruits and nuts Bananas Vegetables	289	355	737	802	983	1,042	1,065	1,218	1,261	1,420
Sugar	725	1.865	974	1,987	2,142	863	1,046	1.258	936	670
Coffee, green	1,160	1,561	3,820	3,872	2,622	2,730	2,590	3,064	3,130	4,293
Sugar. Coffee, green. Cocoa or cacao beans	201	321	555	395	466	323	349	411	564	418
Tea	53	88	126	131	133	129	132	203	166	133
Severages and tobacco	855	1,419	2,566	2,784	3,138	3,364	3,408	3,653	3,727	3,866
Alcoholic beverages. Tobacco, unmanufactured rude materials, inedible,	725	1,033	2,013	2,232	2,399	2,513	2,626	2,853	2,966	3,066
Tobacco, unmanufactured	111	343	436	422	427	445	464	625	535	591
rude materials, inedible,	3,307	5,566	10,650	10,516	11,193	8,589	9,590	11,082	10,391	10,432
except fuels. Hides and skins, except fur skins.	51	78	139	88	101	71	64	70	74	65
Fur skins, undressed	59	79	183	143	168	127	126	160	173	145
Fur skins, undressed	231	353	1,058	980	980	735	909	1,132	654	921
Lumber, softwood	439	797	2,727	1,984	1,880	1,636	2,590	2,687	2,909	2,984
Lumber, hardwood	61	69	183	145	149	98	127	161	166	153
Woodpulp	480	1,032	1,506	1,725	1,778	1,485	1,470	1,845	1,499	1,604
Textile fibers and wastes	202	174	231	242	343	264	312	387	348	358
Wool and other animal hair	116	73	134	146	210	152	176	211	166	186
Industrial diamonds Asbestos, unmanufactured	39 75	117	116	119	118	80 65	96 58	106	136	105
Ores and metal scrap	1,149	1,978	3,247	3,715	3,838	2,684	2,498	2,890	2,331	2,148
Iron ore and concentrates	480	864	923	773	951	497	452	534	468	469
Silver ore and base bullion	49	98	166	342	250	176	242	202	137	130
Nonferrous base metals 3	522	783	1,672	2,291	1,722	1,552	1,306	1,606	1,290	1,020
Bauxite, crude	165	267	410	432	443	383	250	311	210	189
Mineral fuels and related	7.0									
Petroleum and products	3,075 2,764	26,476	60,061	82,924	81,417	65,409	57,952	60,980	53,917	37,310
Petroleum and products	2,764	24,814	56,046	77,637	75,577	59,396	52,325	55,906	49,607	34,140
Petroleum, crude and partly	1,448	19,293	46,100	65,717	61,940	45,862	36,809	36,529	33.034	22,720
Petroleum products	1,316	5,521	9,946	11,920	13,637	13,535	15,516	19,377	16,572	11,101
Natural nas	258	1,081	2,765	5,155	5,720	5,934	5,530	4,923	4,136	2,994
Animal and vegetable oils and	100	1,00	2,.00	0,,,,,		0,00	0,000	4,000	1,100	12,00
fats	160	554	740	533	479	406	495	696	672	516
Chemicals and related products	1,450 355	3,696	7,485	8,593	9,446	9,493	10,779	13,697	14,533	15,001
Organic chemicals	355	1,027	2,159	2,541	2,974	2,960	3,477	4,265	3,401	3,276
Medicinal and pharmaceutical	3/1	835	2,059	2,313	2,359	2,645	2,568	3,458	3,401	3,276
products	87	235	441	509	583	563	703	931	1,084	1,240
Fortilizers manufactured	192	626	976	1,104	1,181	963	997	1,142	967	865
Machinery and transport equipment	100	-	0.0	1,191	1,10	000		11.44		
equipment	11,172	23,457	53,678	60,558	69,627	73,320	86,131	119,192	137,264	161,562
Machinery	5,375	11,970	28,530	32,286	38,546	39,457	46,975	68,390	75,299	87,549
Engines and parts	782	1,615	3,004	1,866	2,251	2,611	3,570	6,348	8,849	8,482
Agricultural machinery	173	474	698	686	639	485	475	588	577	613
Tractors and parts Office machines and data	175	571	1,197	1,049	948	757	924	1,298	811	1,331
processing equipment	505	1,052	2,500	2,929	3,563	4,299	6,759	10.791	11.562	14,669
Metalworking machinery	164	361	1,123	1,425	1,613	1,468	1,480	2,025	2,759	3,249
Textile and leather machinery	361	518	830	889	974	924	1,059	1,282	1,105	1,447
Power machinery Telecommunications apparatus	247	550	1,708	2,039	2,378	2,547	2,974	7,291	8,849	9,802
Telecommunications apparatus	1,102	2,077	6,175	6,716	8,910	9,051	11,278	15,934	18,659	20,720
Electron tubes, transistors,	100	(20)	200	1	1000		100	2.1	1	100
semiconductor devices.	200				0.000			0.000	0.007	0.540
and parts	224	899	2,719	3,592	3,959	4,524	5,388	8,228	6,227	6,540
Automobiles and pads	5,798	11,487	25,148	28,260	31,415	33,863	39,156	50,802 45,284	61,965	74,013
and parts	3,722	9,921 7,124	22,053 14,813	24,015 16,776	26,113 17,540	29,218 19,757	34,870 22,934	29,208	45,476 36,475	45,302
Motorcycles	307	707	908	1,149	1,263	1,019	659	731	954	736
Aircraft and parts  Other manufactured goods  Leather manufactures and	274	519	1,078	1,885	2,585	2,481	2,051	3,011	3,578	4,494
Other manufactured goods	13,285	23,927	51,071	55,970	63,471	61,209	66,539	88,625	94,982	105,559
Leather manufactures and	100	12.45	100	1	100	0.2120	6.000		100	
dressed furs	118	132	426	393	567	523	582	758	406	808
Rubber tires and tubes	205	475	1,136	1,143	1,331	1,239	1,406	1,839	1,923	1,986
Wood manufactures (excl.		-			4	200	4 000		200	
furniture)	409	573	1,391	1,133	1,199	991	1,335	1,546	780 5 077	1,777
Paper and manufactures	1,087	1,673	3,356	3,587 2,685	3,874 2,871	3,848	4,216 2,759	5,571 3,299	5,977 3,633	6,360 3,682
Newsprint	106	186	638	550	565	507	628	940	1,158	1,356
WINDOWS WINDOWS TO THE PARTY OF			1,097	300	1,349	1,351	1,602	1,468	2,195	2,492
Glass, glassware, and pottery Diamonds, excluding industrial	338	531		1,228						

See footnotes at end of table.

No. 1350. GENERAL IMPORTS, BY SELECTED COMMODITY GROUPS: 1970 TO 1986—Continued
[In millions of dollars. See headnote, p. 777]

COMMODITY	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
Other manufactured goods—Con. Metals and manufactures. Pig iron and ferroalloys. Iron and steelmill products. Bars, rods, shapes, and pllings. Plates and sheets. Steel wire. Tubes, pipes, and fittings.	78 1,952 486 906 119	8,944 558 4,037 930 1,680 225 1,008	17,457 702 6,764 1,524 3,071 320 1,543	18,717 678 6,692 1,420 2,505 293 2,193	22,333 863 10,347 1,747 2,998 288 4,836	19,227 428 9,184 1,469 2,542 242 4,466	18,717 453 6,338 1,307 2,993 287 1,366	24,964 664 10,208 1,865 4,566 226 2,633	23,834 468 10,266 1,775 4,237 438 2,445	23,616 621 8,168 1,603 3,838 206 1,592
Nonferrous base metals Copper Nickel	532 317 238 74 190 53 98	2,063 419 456 415 49 315 274 244 1,769	4,678 984 635 1,029 226 720 842 800 3,671	5,182 1,470 885 974 91 776 1,329 1,107 3,732	5,270 1,279 868 1,355 90 644 837 742 4,170	4,018 988 568 1,336 57 378 786 512 4,294	4,785 1,341 524 1,629 65 453 1,926 707 4,504	6,252 1,512 600 2,450 90 513 848 1,062 5,923	7,008 1,146 604 1,995 57 426 869 962 6,560	5,753 1,377 515 2,744 61 243 688 1,251 7,129
Textiles, other than clothing Textile yarn and thread Cotton labrics, woven. Textile fabrics, woven, exc. cotton 5 Twine and cordage Floor coverings	223 173 499 35	1,219 128 219 433 123 88	2,216 167 380 775 112 264	2,499 194 433 408 114 283	3,046 231 607 572 104 306	2,807 260 489 533 82 277	3,225 355 560 586 87 332	4,531 523 878 702 85 491	4,900 534 837 100 79 549	5,768 689 1,006 948 66 608
Clothing	629 356	2,562 1,275 726 426	5,876 2,859 1,159 946	6,430 2,809 2,654 1,127	7,537 3,019 3,701 1,275	8,165 3,437 3,132 991	9,583 4,010 3,528 1,058	13,497 5,034 4,696 1,254	14,949 5,695 3,211	17,288 6,473 1,598 1,536
Musical instruments, sound recorders and reproducers, and parts <sup>7</sup> . Printed matter. Articles of plastic and rubber, n.e.c. Toys, games, and sporting goods. Artworks and antiques.	505 160 236 427	781 284 429 633 677	469 529 871 1,591 1,487	487 613 916 1,836 2,672	621 622 1,006 2,075 2,056	729 664 1,102 2,698 2,024	927 739 1,352 2,412 2,017	1,288 980 1,861 3,189 2,467	1,367 1,794 1,116 1,631 4,075 2,188	2,396 1,376 2,833 4,520 2,091
Other transactions	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2,518	4,905	7,225	7,296	7,708	7,742	9,828	11,141	14,914

<sup>&</sup>lt;sup>1</sup> Value on a cost, insurance, and freight basis: cost (to the U.S. importer) of commodities at port of exportation plus insurance and freight to U.S. customs port of errby, 1970 is estimated.

<sup>2</sup> Canned, cooked, and boned.

<sup>3</sup> Prior to 1979, alumina is included under chemicals; thereaffer, classified in crude materials.

<sup>4</sup> Materials of lime, cement, and clay.

<sup>5</sup> Excludes nerrow or special fabrics.

<sup>5</sup> Beginning 1979, electric measuring and controlling instruments are included in "Other manufactured goods" under "Professional, scientific, photographic, and controlling instruments"; prior to 1979, classified under "Machinery."

<sup>7</sup> Beginning 1979, sound recorders included in "Machinery."

Source: U.S. Bureau of the Census, U.S. General Imports and Imports for Consumption, Schedule A—Commodity by Country, FT 135, monthly.

#### No. 1351, IMPORTS FOR CONSUMPTION—VALUES AND DUTIES: 1950 TO 1986

[Imports are on customs value basis. Beginning 1985, includes uranium, thorium, and related products; beginning 1970, includes aliver ores and bullion, and beginning 1980, includes trade of Virgin Islands with foreign countries. For basis of dollar values and for area coverage, see text, section 29. See also //statistics, Coniel Times to 1970, series U 2072-212]

		VALU	ES		Duties calculat-		DUTIES TO	Duties
YEAR	Total (mil. dol.)	Free (mil. dol.)	Dutiable (mil. dol.)	Percent free	ed ' (mil. dol.)	Total imports (percent)	Dutiable imports (percent)	capita * (dollar)
1950	14,650 21,283 39,756 45,516 55,290	4,767 6,037 5,780 7,434 13,870 15,286 18,915 28,258 52,052	3,976 5,300 8,870 13,849 25,886 30,230 36,375 40,766 48,088	55 53 39 35 35 34 34 41 52	522 633 1,084 1,683 2,584 2,767 3,124 3,620 3,771	6 6 7 8 6 6 6 6 5 4	13 12 12 12 10 9 9 8 8	3.43 3.82 6.00 8.46 12.60 13.32 14.88 17.08
1975 1976 1977 1977 1978 1980 1980 1981 1982 1983	96,516 121,121 147,075 4 172,912 2 205,820 2 244,007 259,012 242,340 256,679 322,989 343,553 368,657	31,030 37,190 43,633 51,827 103,278 106,992 76,338 75,856 83,397 102,977 106,035 121,742	65,486 83,931 103,442 121,125 102,645 132,951 182,674 166,484 173,283 220,012 237,518 246,915	32 31 30 30 50 45 29 31 32 32 31	3,780 4,675 5,485 7,162 7,202 7,535 8,893 8,688 9,430 12,042 13,067 13,312	4 4 4 3 3 3 3 4 4 4 4 4	665676555565	17.50 21.44 24.91 32.17 31.99 33.09 38.67 37.40 40.21 50.90 54.73 55.10

<sup>&</sup>lt;sup>1</sup> 1950 and 1955 data from U.S. Bureau of Customs. Customs duties (including import excise taxes) calculated on the basis of reports of quentity and value of imports of merchandise entered directly for consumption or withdrawn from bonded customs warehouses. <sup>2</sup> Based on estimated population including Armed Forces abroad as of July 1. <sup>2</sup> Total includes revisions not carried to free and dutiable values.

Source: U.S. Bureau of the Census, Foreign Commerce and Navigation of the United States, Quarterly Summary of Foreign immerce of the United States; Highlights of U.S. Export and Import Trade, FT 990, monthly, and unpublished data.

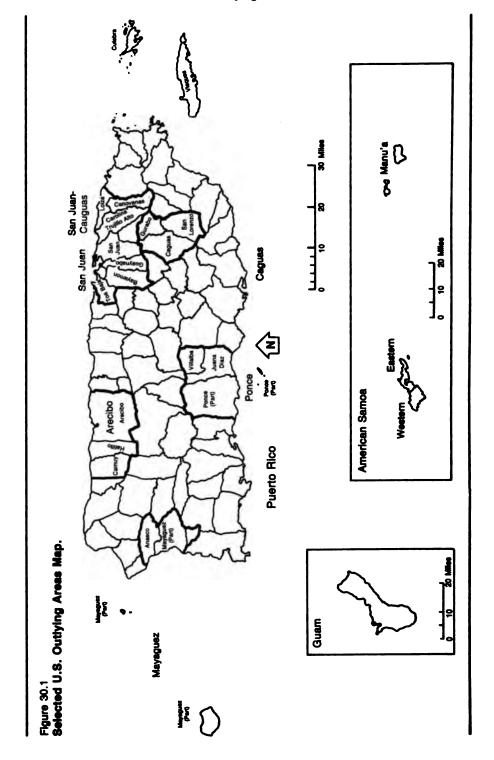
# No. 1352. DOMESTIC EXPORTS AND IMPORTS FOR CONSUMPTION OF MERCHANDISE, BY SELECTED SIC-BASED PRODUCT CATEGORY: 1978 TO 1986

[In millions of dollars, includes nonmonetary gold; beginning 1980, includes trade of U.S. Virgin Islands with foreign countries. For 1978-1981, imports are free alongside ship (f.a.s.) value at foreign port exportation; thereafter, customs value basis. Beginning 1978, export data are not strictly comparable to previous years due to changes in the Schedule B export classification]

SIC 1	SIC-BASED PRODUCT CATEGORY	1978	1979	1980	1981	1982	1983	1984	1985	1986
(x) (x)	Domestic exports, total <sup>2</sup> Agricultural, forestry and fishery	141,154	178,578	216,592	228,961	207,158	195,969	212,057	206,925	206,376
	products Agricultural products Livestock and livestock products	21,248	25,194	30,091	31,463	26,486	25,972	27,557 26,770	20,073	15,967
01	Agricultural products	20,626	24,410	29,238	30,527	25,626	25,150	26,770	19,199	15,088
02	Errestor products	524 74	665 90	715	792 109	713	689 99	646 115	735 122	740 120
09	Fish fresh or chilled; and other	/4	90	110	109	, ,,,,	99	115	122	120
-	Fish, fresh or chilled; and other marine products.	24	28	28	35	38	34	26	18	20
(X)	Mineral commodities	4,018	6,190	8,338	9,144	8,620	6,176	6,417	6,394	5,599
10	Metallic ores and concentrates	583	1,096	1,320	962	684	498	644	686	590
11	Anthracite coal	41	66	98	103	53	43	42	65	66
12	Bituminous coal and lignite 3 Crude petroleum and natural gas	2,008	3,331 524	4,529 976	5,813 912	5,938 762	4,013	4,091	4,400	3,864
14	Nonmetallic minerals, fuels	880	1,173	1,415	1,354	1,183	1,129	1,193	476 767	774
(x) 20	Manufactured commodities	113,327	143,032	171,355	184,225	168,376	159,608	173,284	175,750	179,401
20	Food and kindred products	9,044	10,618	12.124	12,933	11,079	11,022	11,067	10,055	11,250
22	Taxtile mill products	1.466	2,130	1,091	1,265 2,326	1,298	1,186 1,559	1,192	1,268	1,522
23	Apparel and related products	1.077	1.414	1.620	1.651	1,271	1,114	1,065	1.019	1,213
24	Lumber and related products	2,439	3,520	3,695	3,049	2,863	2,852	2.699	2,668	3,018
25	i dilitare dilla minara minimi	~	355	476	634	593	522	546	483	466
26	Paper and allied products Printing and publishing Chemicals and allied products Petroleum and coal products Rubber and misc. plastics products	2,505	3,210	4,670	4,755	4,210	4,103	4,322	3,886	4,479
27 28	Printing and publishing	824	967	1,115	1,315 21,659	1,358	1,323	1,378 22,249	1,250	1,298
	Chemicals and allied products	12,626	17,466	21,095	21,659	20,021	19,688		21,797	22,562
29 30	Rubber and misc plastics products	1,406	2,108 2,196	2,849 2,675	3,996 2,970	6,402 2,631	5,325 2,634	5,113 2,936	5,433 2,765	4,228 2,941
31	Leather and leather products	327	427	510	519	498	457	526	478	521
32	Stone, clay, and glass products		1,645	1,922	2,102	1,860	1,779	1,904	1,792	1,723
33	Primary metal products	4,476	9,630	11,491 6,927	8,780	5,463 7,692	4,892	5,360	4,747	4,803
34	Fabricated metal products	5,159 24,684	5,815	38,084	7,947 42,924	7,692 38,920	6,732 33,190	6,530 37,268	5,765 37,478	5,542 36,358
36	Flectric and electronic equipment	11,304	13,536	16,354	18,392	18,144	18,029	20,164	18,908	20,415
37	Transportation equipment	25,663	26,026	29,206	33,188	29,702	30,864	32,173	38,024	37,977
38	Transportation equipment Instruments and related products	5,320	6,437	7,690	8,426	8,371	8,271	8,684	8,623	9,237
39	Misc. manufacturing	1,982	2,531	2,888	2,728	2,208	2,165	1,895	1,773	2,080
(x)	Imports for consumption, total <sup>2</sup>	171,697	205,115	239,588	259,319	242,340	256,680	322,989	343,553	368,657
(x)	Agricultural, forestry and fishery	9,744	10,628	10,536	10,216	9,982	10,743	12,301	12,805	14,753
01	Agricultural products	6,358	6,554	6,531	5,962	5,733	5,857	6,936	7,483	8,792
02	I westock and livestock products	634	672	684	666	749	820	977	933	993
08 09	Forestry products Fish, fresh or chilled; and other marine products *	812	1,045	984	968	706	782	978	830	786
		100	2,357	2,337	2,620	2,795	3,285	3,411	3,559	4,183
(x)	Mineral commodities Metallic ores and concentrates	38,476	53,576	70,717	70,015	53,705	43,573	43,500	39,011	27,780
	Metallic ores and concentrates	2,066	2,374	2,312	2,297	1,946	1,321	1,636	1,265	1,318
12	Bituminous coal and lignite 3	75 34,328	52 48,818	30 65,857	65,581	50,115	40,670	39,962	35,872	24,463
14	Crude petroleum and natural gas Nonmetallic minerals, exc. fuels	2,007	2,333	2,517	2,106	1,621	1,539	1,859	1,804	1,919
(x) 20 21	Manufactured commodities	118,717	135,557	150,643	171,355	170,406	194,405	257,643	280,089	314,139
20	Food and kindred products	7,971	9,606	10,381	10,693	9,561	10,334	12,010	12,521	12,521
22	Totalco manufactures	1,832	1,820	2,023	200	227	2,524	3,469	3,616	82
23	Textile mill products  Apparel and related products  Lumber and related products  Exprise and felter	5,722	5,902	6,543	2,466 7,750	8,432	9,898	13,916	15,710	4,136
24	Lumber and related products	4,282	4,680	3,648	3,643	3,059	4,426	4,838	5,109	18,171 5,374
25	runature and intores addenning	001	1,009	1,083	1,228	1,354	4,426 1,795	2,458	3,220	3,997
26	Paper and allied products	4,038	4,856	5,322	5,659	5,343	5,681	7,431	7,493	7,983
27	Printing and publishing	504	546	628	639	672	795	1,070	1,200	1,488
28	Chemicals and allied products	5,593	6,050	7,003	7,871	7,655	9,366	11,997	12,790	13,281
29	Rubber and misc, plastics products	7,701 2,346	11,090	13,420 2,743	15,820	15,643	17,395	21,202 4,365	18,282 4,721	12,836 5,381
31	Leather and leather products	2,980	3,427	3,379	3,873	4,496	3,405 5,296	6,788	7,724	8,648
32			2,198	2,262	2,483	2,398	2,862	3,791	4,296	4,910
33	Primary metal products	13,908	15,623 4,258	18,027 4,396	20,478 5,028	16,813	16,359 5,273	22,117 6,804	20,439 7,754	22,580 8,476
35	Machinery, except electrical	10,566	13,066	14,222	16,281	5,154 16,163	18,440	27,621	31,310	38,234
36	Electric and electronic equipment	12,007	13,424	14,222 15,451	18.833	20,124	24,626	27,621 35,326	37.951	38,234 42,734
37	Transportation equipment	24,420	26,473	29.895	33,063	35,683	41,627	54,297	65,944 8,805	79,887
38	instruments and related products	3,754	4,011	4,692	5,638 6,596	5,380 7,110	6,023 7,393	7,729 9,714	8,805 11,130	10,646
39	Misc. manufacturing	4,395	4,835	5,430						

X Not applicable, \*Standard Industrial Classification. \*Includes sorap and wests, used or secondhend merchandles, and manufactured commodities not identified by kind. \*Includes antimatile. \*Includes freein and packaged fish.

Source: U.S. Bureau of the Census, Highlights of U.S. Export and Import 7rads, FT 980.





## Section 30

## **Outlying Areas**

This section presents summary economic and social statistics for Puerto Rico, Virgin Islands, Guam, American Samoa, and the Northern Mariana Islands.

Primary sources are the decennial censuses of population and housing, and the censuses of agriculture, business, manufactures, and construction (taken every five years) conducted by the Bureau of the Census; the annual *Vital Statistics of the United States*, issued by the National Center for Health Statistics; and the annual *Income and Product* of the Puerto Rico Planning Board, San Juan.

Jurisdiction.—The United States gained jurisdiction over these areas as follows:

The islands of *Puerto Rico* and *Guam*, surrendered by Spain to the United States in October 1898, were ceded to the United States by the Treaty of Paris, ratified in 1899. Puerto Rico became a Commonwealth on July 25, 1952, thereby achieving a high degree of local autonomy under its own constitution. The *Virgin Islands*, comprising 50 islands and cays, was purchased by the United States from Denmark in 1917. *American Samoa*, a group of 7 islands, was acquired by the United States in accordance with a convention among the United States, Great Britain, and Germany, ratified in 1900 (Swains Island was annexed in 1925).

By an agreement approved by the Security Council and the United States the Northern Mariana Islands, previously under Japanese mandate, was administered by the United States between 1947 and 1986 under the United Nations trusteeship system. The Northern Mariana Islands became a Commonwealth in 1986.

For a brief summary of U.S. territorial development, see tables 3 and 319.

Censuses.—Because characteristics of the outlying areas differ, the presentation of census data for them is not uniform. The 1960 Census of Population covered all of the places listed above except the Northern Mariana Islands (their census was conducted in April 1958 by the Office of the High Commissioner), while the 1960 Census of Housing also excluded American Samoa. The 1970 Censuses of Population and Housing covered all five areas. The 1959, 1969, and 1978 Censuses of Agriculture covered Puerto Rico, American Samoa, Guam, and the Virgin Islands; the 1964, 1974, and 1982 censuses covered the same areas except American Samoa; and the 1978 census included the Northern Mariana Islands. Beginning in 1967, Congress authorized the economic censuses were conducted in Puerto Rico for 1954, 1958, and 1963, and in Guam and the Virgin Islands for 1958 and 1963. In 1967, the census of construction industries was added for the first time in Puerto Rico; in 1972 Virgin Islands and Guam were covered. Beginning 1982, the economic censuses covered the Northern Mariana Islands.

Information in other sections.—In addition to the statistics presented in this section, other data are included as integral parts of many tables showing distribution by States in various sections of the Abstract. See "Outlying areas of the United States" in the index. For definition and explanation of terms used, see section 1, Population; section 4, Education; section 23, Agriculture; section 26, Construction and Housing; section 27, Manufactures; and section 28, Domestic Trade and Services.

No. 1353. Estimated Resident Population, by Area: 1950 to 1986

[In thousands, As of July 1, includes estimates of Armed Forces stationed in area]

AREA	1980	1995	1970	1975	1995	1905	1995
Puerto Rico American Semos Guern Virgin Islands Northern Marlang Islands <sup>1</sup>	2,218	2,382	2,716	2,933	3,206	3,282	3,274
	19	20	27	30	32	36	37
	60	66	96	102	107	124	127
	27	32	63	94	98	111	110
	(MA)	(MA)	12	15	17	19	20

NA Not available. 
<sup>1</sup> Data consistent with apportionment census of September 1973 which showed a total population of 14,333 for the Marianas.

Source: U.S. Bureau of the Ceneus, Current Population Reports, series P-25, Nos. 80, 336, 943, and 1,009.

## No. 1354. ESTIMATES OF COMPONENTS OF POPULATION CHANGE, BY AREA: 1970 TO 1980 AND 1980 TO 1988

[In thousands, except percent. Resident population, including Armed Forces stationed in area. See table 1355 for population totals. Minus sign (—) indicates decrease. For explanation of methodology, see source]

	AF	PRIL 1,	1970 TO	APRIL 1, 1	1980	APRIL 1, 1980 TO JULY 1, 1986							
AREA	Net c	hange	Births		Net	Net change		100	0.75	Net			
	Num- ber	Per- cent		Deaths	migra- tion 1	Num- ber	Per- cent	Births	Deaths	migra- tion 1			
Puerto Rico	484.5 5.1 21.0 34.1 4.6	17.9 18.9 24.7 54.6 37.5	744.0 10.6 30.7 26.6 5.3	193.7 1.4 4.1 5.0 .9	-65.9 -4.1 -5.7 12.5 (3)	77.1 5.0 20.8 12.9 2.9	2.4 15.5 19.6 13.4 17.2	417.8 8.0 19.1 15.4 4.0	135.8 .9 2.7 3.3 .6	-2033 -2.1 4.1			

Includes error of closure (the amount necessary to make the components of change add to the net change between censuses).
<sup>2</sup> See footnote 1, table 1353.
<sup>3</sup> Migration is derived as a residual. Because part of the residual migration in these areas reflects under-registration of vital statistics, migration figures are not shown.

Source: U.S. Bureau of the Census, Current Population Reports, series P-25, Nos. 943 and 1009.

### No. 1355. Population and Median Age, by Area and Sex: 1980 to 1980

[As of April 1. For definition of median, see Guide to Tabular Presentation]

AREA AND SEX	POPULATION (1,000)				(years)		AREA AND SEX	POPULATION (1,000)			(1,000)			DIAN A	
0.550.500	1960	1970	1980	1960	1970	1980		1960	1970	1980	1960	1970	1980		
Puerto Rico	2,349.5 1,162.8 1,186.8 20.1 10.2 9.9	2,712.0 1,329.9 1,382.2 27.2 13.7 13.6	3,196.5 1,556.7 1,639.8 32.3 16.4 15.9	18.5 18.0 18.9 15.2 14.6 15.8		24.6 23.7 25.5 18.8 18.4 19.2	Guam Male Female Virgin Islands Male Female No. Mariana Is Male Female	67.0 39.2 27.8 32.1 15.9 16.2 (NA) (NA)	85.0 47.3 37.7 62.5 31.3 31.3 9.6 4.9 4.7	106.0 55.3 50.7 96.6 46.2 50.4 16.8 8.8	20.8 22.9 16.5 20.7 20.3 21.2 (NA) (NA)	20.4 21.6 18.2 23.0 23.1 23.0 15.2 15.4 15.0	22.3 22.4 22.1 22.5 21.1 23.6 19.7 20.9 18.5		

#### NA Not available.

Source: U.S. Bureau of the Ceneus, Census of Population: 1980, vol. I; 1970, Vol. I, Characteristics of the Population, parts 53–58; and 1980, Vol. 1, Chapter B, Characteristics of the Population, parts 53–57b.

### No. 1356. Population, by Place of Birth-Area: 1980

[As of April 1]

ITEM	Guern	Virgin Islands	American Samos	Northern Mariana Islands
Total resident population 1	105,979	95,900	32,297	16,700
Born in this area		43,234 44.8	1 <b>6,596</b> 57,5	11,9 <b>93</b> 71,5
Born in the United States. Born in other outlying areas. Born in Asia.	22,950	11,984 4,993	2,1 <b>89</b> 24	553 2,074
Born in Asia	22,648 50,595	549 * 30,731	208 13,442	1,915 4,623
Immigrated: 1975-1980		7,080	7,166	2,916
1970-1974 1980-1989 Before 1980		7,054 13,566 3,031	2,715 2,405 1,154	1,027 398 282

<sup>&</sup>lt;sup>1</sup> Includes persons born elsewhere and place of birth not reported.

<sup>2</sup> Excludes 4,993 persons born in Puerto Rico; 11,984 born in the United States; and 282 born abroad of American parents.

Source: U.S. Bureau of the Census, unpublished data.

#### NO. 1367. LAND AREA AND POPULATION CHARACTERISTICS, BY AREA: 1980

[As of April 1. See also table 319, for gross area fland and water). For definition of median, see Guide to Tabular Presentation]

ITEM	Puerto Rico	Guern	Virgin Islands	American Semos	Northern Meriene Islands
Land area (eq. miles)	3,459	209	132	77	184
Total resident population. Per squere mile. Percent increase, 1970-1980. Urban. Rural.		106,979 507.1 24.7 41,875 64,104	96,500 731.6 54.6 37,730 58,839	32,297 419.4 18.9 5,660 26,637	16,780 91.2 74.1 2,678 14,102
Male Female Males per 100 females	1,556,727	55,321	46,204	16,364	8,817
	1,839,793	50,858	50,368	15,913	7 <b>,963</b>
	94.9	109.2	91.7	103.0	110.7
Meden age (years)	24.8	22.3	22.5	18.8	19.7
	23.7	22.4	21.1	18.4	20.9
	25.5	22.1	23.6	19.2	18.5
Persons 25 years old and over	1,577, <b>68</b> 2	46,906	44,866	12,164	6,760
	753,742	9,973	15,897	4,360	2,865
High school: 1-3 years 4 years or more College	200,259	6,157	6,475	2,697	651
	332,770	14,663	11,543	3,108	1,543
	290,901	16,123	10,971	2,019	1,480
Marital status, persons 15 years old and over	2,167,946 613,024 1,320,193 254,029	20,675 44,041 4,291	61,791 22,376 32,204 7,211	19,268 7,406 10,571 1,113	<b>9,975</b> 3,462 5,977 536
Households and families: Population in households. Number of households. Population per household. Families. Husband-wife families.	3,176,511	101,090	95,949	31,983	16,234
	636,565	24,634	28,329	4,513	3,028
	4,99	4.07	3.39	7.06	5.36
	753,936	21,780	20,855	4,267	2,652
	560,328	18,473	13,612	3,475	2,113

<sup>1</sup> includes consensually married couples and separated couples. Source: U.S. Bureau of the Census, unpublished data.

### No. 1358. VITAL STATISTICS-SPECIFIED AREAS: 1960 TO 1985

[Births, deaths, and infant deaths by place of residence; merriages and divorces by place of occurrence. Rates for 1980, 1970, and 1980 based on population enumerated as of April 1; for all other years; on population estimated as of July 1]

	BIRT	THS	DEA	THE	INFANT	DEATHS	MARR	AGES	DIVOR	CE8 *
AREA AND YEAR	Num- ber	Rate 1	Num- ber	Rate 1	Num- ber	Rate <sup>2</sup>	Num- ber	Rate 1	Num- ber	Rate
ruerto Rico:										
1980	76,914	32.5	15,791	6.7	3,307	43.3	20,212	48.6	5,218	2
1970		24.8	18,060	8.7	1,930	26.6	29,905	11.0	9,698	3
1975	69,702	23.8	17,605	6.1	1,335	19.2	32,731	11.2	12,985	4
1980	72,988	22.8	20,413	6.4	1,351	18.5	33,167	10.4	15,276	4
1961		21.9	21.065	6.5	1.318	18.5	31,802	9.8	14.247	1
1982	69.256	21.2	21.427	6.6	1.187	17.1	30,799	9.4	14.084	1 4
1983	65,659	20.1	21.377	6.5	1.131	17.2	29,487	9.0	13.164	4
1984	63,247		21.618			15.6	29,409	9.0	13,808	4
1005	03,247	19.3		6.6	967 944	14.9				(N
1985	63,547	19.4	23,071	7.0	944	14.9	(NA)	(NA)	(MA)	(24
warn:	l	ł		1		1				
1965	2.523	32.8	336	4.4	82	32.5	471	6.2	53	l
1970		28.8	355	5.8	62	21.6	874	9.9	64	l 1
1975		30.9	427	4.2	65	20.6	1.861	16.2	196	1 1
1980	2.945	27.8	393	3.7	43	14.6	(NA)	(NA)	(NA)	ا
1981		26.8	365	3.5	30	10.2	i inai	INA	ina	1 6
1962		26.7	428	3.9	29	9.8	(NA)	1 200	, Tag	1 8
1983	3.152	27.1	442	3.8		9.2		ina	, A	6
					29 26	8.7			1	6
	2,994	25.0	409	3.4	35		(NA)	(NA)		1 8
1985	3,049	24.6	415	3.4	35	11.5	(NA)	(144)	(144)	(**
Irgin lelande:	l	į.			l	i		ŀ		
1960	1,180	36.8	332	10.3	42	35.6	359	11.1	135	4
1970		48.8	469	7.9	72	24.6	1,149	18.4	270	1 4
1975	2.372	25.1	477	5.0	62	26.1	1.084	11.3	363	1 3
1980	2.504	25.9	504	5.2	61	24.4	1.112	11.5	478	1 4
1981		24.6	547	5.5	55	22.5	1.692	11.0	406	1 4
1982		24.7	488	4.9	49	19.5	1.311	12.9	335	1 3
1963		24.9	464	4.7	54	20.9	1.341	12.9	313	1 3
1984	2.432	22.6	471	4.4	- <del>5</del>	22.6	1.407	13.1	352	3
	2,375	21.4	506	4.6	42	17.7	(NA)	(NA)	(NA)	6
1965	4.3/5	21.4		7.0	42	1 17.7	(1004)	(100)	1,000	, (m

NA Not available.

\* Data are incomplete.

Source: U.S. National Center for Health Statistics, Vital Statistics of the United States, annual.

<sup>&</sup>lt;sup>1</sup> Per 1,000 population. <sup>2</sup> Per 1,000 live births. <sup>3</sup> includes reported annulments.

No. 1359. SCHOOL ENROLLMENT AND EMPLOYMENT STATUS, 1960, AND PERCENT DISTRIBUTION BY FAMILY INCOME CLASS, 1979, BY AREA

ITEM	Puerto Rico <sup>1</sup>	Guern	Virgin Islands	Ameri- can Samoa	North- em Meriens lelende
SCHOOL ENROLLMENT, 1983					
Total enrolled, 3 years old and over	871,882	36,602	34,934	12,842	5,471
Elementary (grades 1-8), total *	542,955	23,303 20,061	25,642 20,576	8,005 7,452	4,161 3,570
Private	73,483	3,242	5,096	1,243	526
High echool (4 years), total	200,118	8,503 7,590	7,276 5,856	3,224 2,759	1,381 1,146
Private	20,359	982	1,419	465	132
College, total	134,577 103,650	4,137 3,868	2,817 1,897	<b>923</b> 831	96 80
EMPLOYMENT STATUS, 1963					
Total persons, 16 years old and over	2,114,673	96,773	50,310	10,319	9,500
In lebor force	869,856	44,464	36,062	8,329	6,102
Percent of total  Armed Forces	41.1 4.137	66.6 10.125	64.2 84	45.5 21	13
Civilian labor force	865,719	34,350	37,986	8,306	6,000
Employed	733,922	32,692	36,852	8,106	5,941
Unemployed		1,667	2,346	202	140
Percent of civilian labor force	15.2 1,244,817	4.9 22.269	6.2 21,226	9.990	3,497
FAMILY INCOME, 1970	.,,			.,	
Families, 1990	757,946	21,766	20,830	4,267	2,80
Percent distribution, by income class	100.0	100.0	100.0	100.0	100.0
Less than \$1,000	11.3	2.1	3.2	6.1	4.4
\$1,000-\$2,499		1.7	3.4	4.3	5.9
\$2,500-\$4,999	19.7	3.7	7.8	14.2	17.4
\$5,000-\$7,499	17.5	6.6	14.3	16.6	16.1
\$7,500-\$9,999	10.9	9.8	12.4	12.9	13.7
\$10,000-\$14,999	13.3	21.1	19.8	18.4	16.0
\$15,000-\$24,999		28.4	22.3	16.7	14.7
\$25,000 or more	4.6	26.6	18.7	10.7	10.4
Median Income <sup>3</sup> (dol.)	5,923	16,203	11,914	9,615	4 8,000

<sup>&</sup>lt;sup>1</sup> Data based on sample and subject to sampling variability, see Appendix III. <sup>2</sup> Includes nursery and kindergarten. <sup>3</sup> For definition of median, see Guide to Tabular Presentation. <sup>4</sup> Excludes those with no income.

Source: U.S. Bureau of the Census, unpublished data.

No. 1360, Federal Direct Payments for Individuals by Selected Program and Outlying AREA: 1985 AND 1986

[in thousands of dollars. For fiscal years ending September 30]

		1980			1	1906		
PROGRAM PAYMENTS	Puerto Rico	Guam	Virgin Islands	Ameri- can Semos	Puerto Rico	Guem	Virgin Islands	Ameri- cen Semos
Total	2,460,036	72,106	82,831	9,373	2,675,525	06,134	95,900	9,000
Pell Grants	153,955	1,072	337	47	282,888	756	579	172
Medicare: Hospital Insurance Supplemental medical		5,744	3,482	-	134,211	1,632	3,573	"-
insurance	103,464	3,139	1,838	-	119,503	1,270	2,123	-
insurance	481,827	1,288	3,338	1,097	493,897	1,326	3,815	1,258 2,989
Retirement insurance		6,955	24,485	2,904	842,983	7,318	25,442	2,980
Survivors insurance Veterans: Pension and	294,267	3,788	7,304	2,258	347,922	4,605	8,318	2,679
disability	223,542 5,132	2,641 462	779 19	1,226	226,162 4,227	2,744 447	819 16	1,332 297
Federal retirement and			1		1			
_ disability	123,727	23,711	7,581	1,487	129,597	25,555	7,476	833
Food Stamps		18,263	23,558	l	817,796	16,984	21,642	ت. ا
Other	124,652	5,105	10,110	134	94,335	3,515	22,178	96

Represents or rounds to zero.
 <sup>1</sup> Food stamp program in Puerto Rico was replaced by the Nutritional Assistance Grant Program in 1962. Figures shown represent grants to State and local governments, not included in totals.

Source: U.S. Bureau of the Census, Federal Expenditures by State, annual.

No. 1361. PUERTO RICO-SUMMARY: 1960 TO 1966

ITEM	Unit	1980	1970	1975	1980	1861	1983	1963	1984	1983	1983
POPULATION											
Total 1	1.000	2,360	2,722	2,939	3,206	3.247	3,263	3,265	3.270	3.276	3,288
Persons per family	Number	4.8	4.8	2,530	4.3	4.2	4.2	3,200	3,270	4.1	3,200
EDUCATION <sup>2</sup>		٧.٠	1	***	٦.٠٠		7.2	7	<b></b>	· •	<b>-</b>
				l							
Enrollment, total	1,000	737.6	925.8	977.9	1,028.2	1,043.9	1,044.3	1,064.6	1,069.5	1,055.6	1,075.0
Public day school Other public	1,000	573.4 76.4	672.3 103.9	704.1 83.7	716.1 85.6	712.9 100.6	711.7 95.6	708.7 98.2	701.9	892.9	686.9 100.9
Private schools	1.000	63.3	92.3	95.7	99.4	98.5	102.4	107.8	102.7	107.3	130.4
College and university	1.000	24.5	57.3	94.4	127.0	131.9	134.5	151.9	160.2	155.7	156.8
Expenses	Mil. dol	87.4	288.8	427.7	818.1	945.7	988.9	1.019.5	1.065.7	1.135.8	1.152.6
As percent of GNP	Percent	5.2	6.2	6.0	7.4	7.8	7.8	7.9	7.7	7.7	7.3
Public	Mil. dol	74.1	254.6	334.8	612.2	716.2	728.6	737.9	782.2	810.2	814.4
Private	Mil. dol	13.3	34.2	92.9	205.9	229.5	260.3	281.6	303.5	325.6	336.2
LABOR FORCE 4				1							
Total *	1,000	625	765	825	907	925	918	919	952	964	977
Employed •	1,000	542	686	899	753	759	719	703	743	758	777
Agriculture 7	1,000	125 81	132	130	143	38 141	35 134	37	39	37	38 140
Trade	1,000	97	128	134	138	142	141	131 136	142 145	138 147	149
Government	1.000	62	106	143	164	185	171	170	177	180	180
Unemployed		82	79	125	154	168	199	216	209	206	200
Unemployment rate *	Rate	13	10	15	17	18	22	23	22	21	21
Compensation of employees	Mil. dol	928.9	2,800.2	4,838.2	7,217.6	7,855.5	7,972.3	8,060.4	8,745.5	9,234.5	9,563.9
Avg. compensation	Doller	1,711	4,082	6,922	9,584	10,350	11,068	11,488	11,771	12,183	12,309
Salary and wages	Mil. dol	872.0	2,554.5	4,320.9	6,341.0	6,900.8	6,964.2	7,055.8	7,648.0	8,069.7	8,297.9
INCOME *								i	ł		
Personal income:									ł		ł
Current dollars	Mil. dol	1,374	3,753	6,861	10,932	12,100	12,698	12,695	13,425	14,314	14,947
Constant (1964) dollars	Mil. dol	1,240	2,654	3,381	3,947	3,985	3,934	3,827	3,906	4,159	4,289
Disposable personal income: Current dollars	Mil. dol	1.334	3.565	6.480	10.333	11.432	11,959	11,936	12,648	13,488	13,890
Constant (1954) dollars	Mil. dol	1,204	2,521	3.194	3,730	3,746	3,711	3.598	3.755	3,918	3,988
Average family income:		.,	_,	-,	0,00	0,1.40	0,	0,000	0,	0,0.0	0,500
Current dollars	Doller	2,818	6,366	10,358	14,762	15,746	16,367	16,339	16,843	17,913	18,651
Constant (1954) dollars	Doller	2,544	4,503	5,104	5,315	5,162	5,078	4,927	5,002	5,203	5,351
BANKING 10								i			1
Assets	Mil. dol	705	3,322	6,642	10,223	14,163	15,605	18,435	19,968	21,209	22,534
Debits	Mii. dol	835	2,548	6,930	13,399	16,760	18,701	24,098	(NA)	(NA)	(NA)
Personal checking	Mil. dol	(NA)	1,999	5,714	11,206	14,773	16,640	21,917	(NA)	(MA)	(ma)
Personal savings	Mil. dol	(NA)	94	166	423	475	800	759	(NA)	(NA)	(NA)
Government accounts	Mil. dol	(NA)	454	1,049	1,770	1,531	1,261	1,422	(NA)	(NA)	(NA)
TOURISM 9		247.4	1 000 4	1,329.1	4 007 4	4 570 4					
Number of visitors	1,000 Mil. dol	347.4 58.1	1,088.4 235.4	372.7	1,627.4 615.0	1,573.4 649.7	1,563.7 899.2	1,529.8 890.9	1,496.4 681.2	1,544.9 722.7	1,572.6 742.9
THE TAPE WILL TO											
Average per visitor	Dollar	167	216	260	378	413	447	452	455	488	472

NA Not available. 
1-As of July 1. 
2-Enrollment for the first school month. Expenses for school year ending in year shown. 
2-Includes adult education. 
4-Annual average of monthly figures. For fiscal years. 
2-Beginning 1990, for population 16 years old and over, 1980–1975, for population 14 years and over. 
3-Includes other employment, not shown separately. 
3-Includes forestry and fisheries. 
3-Percent unemployed of the labor force. 
3-For fiscal years.

Source: Puerto Rico Planning Board, San Juan, PR, Income and Product, annual, and Socioeconomics Statistics, annual.

NO. 1362. PUERTO RICO—EMPLOYMENT STATUS, 1960 TO 1986, AND BY SEX, 1986
[In thousands of persons 14 years old and over except, beginning 1990, 16 years old and over. Annual averages for calendar years of the civilian noninstitutional population]

and the state of t			19			153		1	1	1	1986	-
EMPLOYMENT STATUS	1960	1970	1975	1980	1981	1982	1983	1984	1985	Total	Male	Fe- male
Total	1,368	1,743	1,983	2,116	2,166	2,216	2,251	2,273	2,293	2,303	1,079	1,224
In the labor force	635	777	826	916	925	912	942	958	969	998	639	358
Working	558 525	693 657	676 630	758 712	742 695	704 664	722 683	759 719	758 710	809 768	499 478	310 290
35 hours or more	1 406	569	460	535	465	470	498	521	508	579	372	207
Not working	2 119	88 35	175	177	230	194	185	198	203	189	106	83
Unemployed	77	84	150	156	184	208	220	198	211	188	140	48
Percent	12.1	10.7	18.1	17.0	19.8	22.8	23.4	20.7	21.8	18.9	22.0	13.5
Not in labor force	734	966	1,157	1,200	1,241	1,303	1,309	1,315	1,324	1,305	440	865

1 30 hours or more. 

\* Lees then 30 hours.

Source: Puerto Rico Dept. of Labor and Human Resources, Bureau of Labor Statistics, San Juan, PR.

No. 1363. PUERTO RICO—GROSS PRODUCT BY MAJOR INDUSTRIAL SECTOR: 1971 TO 1986
[In millions of dollars, For feedl years ending June 30]

ITEM	1971	1975	1978	1978	1980	1961	1982	1980	1984	1980	1986, prel.
Gross product Agriculture Manufacturing	<b>5,252</b> 177 1,334	7,184 271 2,371	8,984 338 3,920	10,061 355 4,471	11,074 394 5.323	12,190 377 5,786	12,627 395 6,017	12,933 396 6,483	14,010 343 7,266	14,805 346 7,758	16,794 336 8,166
Contract construction and mining <sup>1</sup> Transportation <sup>2</sup>	485 482	462 767	341 967	359 1,098	370 1,235	410 1,303	355 1,541	322 1,467	306 1,660	337 1,595	344 1,800
Trade	967	1,377	1,903	2,124	2,277	2,469	2,471	2,417	2,785	2,933	3,121
Finance, insurance, real estate	674 552	975 805	1,248 1,070	1,452 1,176	1,599 1,316	1,711 1,443	1,947 1,542	2,197 1,620	2,363 1,761	2,485 1,853	2,764 1,986
Government	736 656 80	1,334 1,145	1,571	1,708 1,406	1,896 1,573	2,051 1,733	1,952 1,675	2,029 1,723	2,173 1,849	2,345 1,995	2,38 2,03
Municipalities Rest of the world Statistical discrepancy	-407 234	189 1,043 135	262 -2,179 -186	301 -2,725 44	323 -3,406 70	318 -3,633 272	277 -3,788 195	306 -4,055 57	324 -4,612 -35	350 -4,878 33	-5,31 22

<sup>&</sup>lt;sup>1</sup> Mining includes only quarries. <sup>2</sup> In

Source: Puerto Rico Planning Board, San Juan, PR, Economic Report of the Governor, 1965-86.

No. 1364. PUERTO RICO—NET INCOME, BY INDUSTRIAL ORIGIN: 1970 TO 1986
[In millions of dollars. For fiscal years ending June 20]

INDUSTRY	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986, prel.
All industries	3,668	6,094	8,322	9,213	9,947	10,350	10,640	11,534	12,149	12,927
Agriculture	178	315	443	466	430	460	422	395	388	386
Manufacturing	958	1.987	3.996	4,809	5,220	5,406	5,735	6,485	6,984	7,491
Chemicals and allied products	109	561	1,288	1,583	1,786	1,908	2,269	2.341	2,686	3,082
Metal products and machinery	192	484	1,198	1,454	1,721	1,828	1,753	2,164	2,294	2,368
Food and related products	161	285	497	549	645	682	565	754	834	880
Apparel and related products	172	206	329	361	374	375	408	452	406	389
Other manufacturing	324	452	684	863	694	613	740	774	764	772
Mining	7	5	5	9	9	9		1 1 1 2 2	977	100
Contract construction	338	406	330	339	377	320	297	293	320	323
Transp. and other public utilities 1	342	629	881	1,003	1,063	1,213	1,192	1,263	1,197	1,416
Trade	631	970	1,466	1,621	1,743	1,770	1,748	2,011	2,097	2,218
Finance, insurance, and real estate	504	803	1,217	1,346	1,432	1,663	1,872	1,997	2,071	2,295
Services	448	686	1,003	1,130	1,255	1,344	1,400	1,531	1,625	1,726
Commonwealth Government 2	610	1,334	1,708	1,896	2,051	1,952	2,029	2,173	2,345	2,389
Rest of the world	-347	-1,043	-2,725	-3,406	-3,633	-3,788	-4,055	-4,612	-4,878	-5,315

<sup>Includes radio and television.

Includes public enterprises, not elsewhere classified.

Source: Puerlo Rico Planning Board, San Juan, PR, Economic Report of the Governor, 1985–88.</sup> 

No. 1365. Puerto Rico—Transfers Between Federal and State Governments and Other Nonresidents: 1971 to 1986

[in million of dollars. For flecal years ending June 30]

гтем 	1971	1975	1978	1979	1980	1961	1962	1933	1984	1985	1986, prel.
Total receipts	400	1,229	2.224	2,362	2.574	2.787	3,157	3,221	3,402	3,540	3.766
Federal government	378	1,184	2,128	2,247	2,447	2,681	3,003	3,023	3,173	3,357	3,605
Transfers to individuals 1	355	1,141	2,073	2,181	2,369	2,608	2,915	2,933	3,090	3,263	3,486
Veterans benefits		178	198	202	223	231	274	289	303	324	336
Medicare	24	41	78	92	118	137	163	184	186	220	266
Old age, disability, survivors	227	468	756	895	1,041	1,191	1,348	1,423	1,528	1,581	1,673
Nutritional assistance	(x)	388	879	821	812	860	896	775	765	780	791
Industry subsidies	19	31	39	47	56	48	56	56	55	61	83
Private institutions	4	12	16	19	21	25	29	34	28	33	36
U.S. State governments	8	19	20	14	13	16	15	15	16	17	15
Other nonresidents	15	25	76	100	114	90	140	183	213	166	146
Total payments	270	597	772	792	848	924	901	906	1,113	1,180	1,247
Federal government 1	270	592	765	786	841	914	950	973	1.087	1,145	1.229
Old age, disability, survivors	199	364	409	517	649	689	700	708	794	846	870
Medicare	6	10	15	18	21	25	31	38	45	44	47
Unemployment insurance	40	79	103	119	129	148	165	167	183	188	241
Other nonresidents	(Z)	5	8	7	7	9	10	13	28	35	18
Net belance	130	631	1,452	1,570	1,726	1,864	2,196	2,236	2,269	2,360	2,519

X Not applicable. Z Less than \$500,000. Includes other receipts and payments, not shown separately.

Source: Puerto Rico Planning Board, San Juan, PR, Economic Report of the Governor, 1985-86.

<sup>\*</sup> Includes other public utilities.

#### No. 1366. PUERTO RICO-EMPLOYEES AND PAYROLL, BY INDUSTRY: 1980 TO 1985

udes employees of establishments totally exempt from the Federal Insurance Contributions Act: government workers, railroad ployment jointly covered by Social Security and railroad retirement programs, self-employed persons, domestic service, riculture production employees, and employees on oceanborne vessels or in foreign countries]

		EMPLO	YEES I		ANNUAL PAYROLL (mil. dol.)					
INDUSTRY	1980	1983	1984	1985	1980	1983	1984	1985		
Total 3	438,875	408,008	434,442	442,029	3,741.9	4,244.9	4,514.1	4,880.6		
Agricultural services, forestry, fisheries	532	447	460	566	5.7	4.2	5.3	4.		
Agricultural services		371	396	486	2.4	2.3	3.4	2		
Mining		555	496	655	8.6	7.0	6.3	7.3		
Nonmetallic minerals, except fuels	656	493	420	485	5.6	5.2	3.8	4.0		
Contract construction a	36,487	21,044	23,872	23,706	281.5	188.3	214.2	214		
General contractors and operative builders	21,605	11,965	13.878	13.887	159.0	104.3	120.4	123.2		
Special trade contractors		6,580	7,072	6,778	74.5	58.4	65.7	64,8		
Manufacturing 3	154,621	138.853	144.430	141,350	1,401.7	1,598.3	1,713.0	1,792.4		
Food and kindred products	19,357	18,525	17,856	19,811	179.4	198.5	212.7	234.8		
Apparel and other textile products	35.843	29,468	31,938	27,516	215.2	224.6	222.2	208.2		
Chemical and allied products	16,082	19,850	18,940	19,637	217.0	323.4	342.9	396.		
Machinery, except electrical	6,766	9,529	9,912	8,205	72.9	128.1	135.7	121.0		
Electric and electronic equipment		19,351	21,535	21.883	182.2	240.4	268.7	2723		
Transportation and other public utilities a		19,467	19,489	20,787	227.0	290.6	283.3	339.4		
Trucking and warehousing	2.563	2,202	2.057	1,890	21.8	19.7	19.3	19.2		
Transportation services		1,165	1,242	1,569	13.5	13.1	14.5	19.3		
Wholesale trade a		27,486	28,014	28,346	331.2	367.6	392.8	395.8		
Wholesale trade-durable goods		11,489	12,146	11,923	157.2	156.2	174.6	173.8		
Wholesale trade-nondurable goods	15,013	15,525	15,349	15,957	169.3	201.7	207.1	212.6		
Retail trade 3	79,169	74,231	79.966	80.249	531.8	576.3	607.1	652.5		
Food stores		15,617	15,839	16,180	96.4	102.1	103.2	110.6		
Automotive dealers and service stations		6,930	7.492	7,598	68.2	60.9	65.5	75.2		
Apparel and accessory stores		10,086	9.886	10.238	65.6	70.2	74.2	76.9		
Eating and drinking places		11,585	14,682	13,428	64.5	84.1	87.7	94.6		
Miscellaneous retail		11,151	11,090	11,052	58.0	82.1	82.0	89.4		
Finance, insurance, and real estate 5		26,759	29,152	28,065	250.2	3423	373.4	379.		
Banking		9.754	11,052	9,474	81.5	137.3	151.2	124.1		
Credit agencies other than banks	6,847	6,662	7.353	7,239	63.2	72.7	78.5	92.6		
Real estate		3,093	3,340	4,433	25.7	28.2	29.7	38.6		
Services <sup>3</sup>	79,573	83,093	86,763	88,553	601.8	718.8	740.1	821.7		
Personal services		2,612	2,603	2,655	18.2	18.2	18.5	20.6		
Business services		16,798	18,106	18,243	120.9	155.0	164.1	167.5		
Auto repair, services, and garages	2,610	2,147	2,351	2,298	18.1	20.2	20.6	24.3		
Health services	18,063	19,376	20,920	22,252	129.5	165.7	167.2	200.1		
Legal services	2,328	2,705	2,677	2,711	27.3	29.7	28.5	32.3		

Randard Industrial Classification (SIC) code; see text, section 13.

2 For the pay period including March 12.

12 roll of the pay period including March 12.

13 roll of the pay period including March 12.

14 roll of the pay period including March 12.

15 roll of the pay period including March 12.

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#### No. 1367. PUERTO RICO-MANUFACTURES, BY INDUSTRY: 1977 AND 1982

[Money figures in millions of dollars. For employer establishments only]

	-	1977		1982									
ased on 1972 Standard Industrial Classification System) <sup>1</sup>	Estab-	All employ- ees <sup>2</sup>	Value added by manu- facture 3	Estab- lish- ments	All empi	oyees	Production workers 4		Value added	Value			
	ments				Num- ber *	Pay- roll	Num- ber 2	Wages	manu- facture 3	ship- ments a			
All Industries	2,297	146,861	4,097.2	2,285	143,218	1,573.0	110,343	1,035.6	8,605.6	15,906.			
and kindred products	324	21,407	485.6 122.0	333 14	18,621 (D)	213.8 (D)	13,633	128.4	965.5	2,383.1			
le mill products	63	6.001	108.9	29	2.840	21.8	2,347	17.1	(D) 66.5	103.3			
rel and other textile products	386	35,294	278.9	341	31,764	229.7	28,615	192.3	510.1	964.4			
per and wood products	83	823	9.1	82	603	4.6	230	1.8	9.0	24.0			
ture and fixtures	124	2,383	26.1	122	2,195	16.6	1,410	9.6	49.8	98.5			
r and allied products	38	1,459	21.7	41	1,469	15.3	1,084	8.2	46.5	120.7			
ng and publishingnicals and allied products	161	4,037 15,732	68.9 1,476.5	154 183	2,861 17,225	39.7	1,597	18.4	109.0 3,713.9	173.9 5.287.1			
leum and coal products		2,462	143.4	16	(D)	(D)	(D)	(a)	3,713.9 (D)	0,207.			
er and misc. plastic products	77	5,961	147.6	83	4,496	45.3	3,457	32.7	157.7	282.0			
ner and leather products	47	6,165	55.7	47	6,019	48.0	5,340	40.0	108.3	229.3			
e, clay, and glass products	175	4,987	102.7	171	4,390	41.4	2,868	24.3	133.5	283.3			
ary metal industries	35	1,567	48.5	34	683	6.8	457	3.4	14.8	44.0			
cated metal products	199	4,654	84.2	162	3,553	42.1	2,445	27.4	115.7	288.8			
inery, exc. electrical	131	4,071 14,785	161.2 403.1	88	5,722 21,682	87.3 248.1	5,094	56.1	542.2	975.0			
ric and electronic equipment		1.127	28.1	181	909	9.1	16,758 765	173.7	1,139.6	56.5			
ments and related products		6,789	257.3	89	10.865	130.1	8,574	89.4	616.4	925.8			
manufacturing industries		3,487	67.8	87	3,373	37.8	2,448	24.9	92.6	216.3			

Withheld to avoid disclosure. 

See text, section 13. 

Average for year. 

See footnote 6, table 1241. 

For slighments with 10 or more employees. 

Represents not selling value, f.o.b. plant. Excludes freight charges and excise is includes extensive duplication arising from shipments between establishments in the same industry.

urce: U.S. Bureau of the Ceneus, Ceneuses of Outlying Areas, Manufactures, 1982, Puerto Rico, series OACB2-4.

### **Outlying Areas**

# No. 1366. PUERTO RICO—CONSTRUCTION SUMMARY: 1977 AND 1982 [Money figures in millions of dollars. Employer establishments only]

		1977				1982		
INDUSTRY (Based on 1972 Standard Industrial Classification System) <sup>1</sup>	Estab- lish- ment	Employ- ees *	Total re- ceipts <sup>a</sup>	Estab- lish- ments	Total re- ceipts <sup>a</sup>	Pay- roll entire year	Employ- ees <sup>2</sup>	Value added
Construction 5	1,692	36,154	931	1,394	1,190	224	29,228	468
General contractors, residential buildings	777 576	20,281 9,847 8,256	555 (D) 162	494 319	606 (s)	107 (S)	14,620 7,265 4,973	185
Single-family houses	548 70 131	3,109 7,325	145	286 48 127	(5) (5) (5) 167	(S) (S) 40	2,237 5,118	(S. (S. (D. 76
Heavy construction, general contractors	156 705	5,164 9,515	(D) 151 202	173 706	238 334	44 72	4,970 9,534	(0)
Plumbing, heating, air-conditioning Painting, paper hanging, decorating	132 52	1,361 585	39 (D) 51	125 42	70 (s) 92	16 (S) 21	1,704 589	(S 43
Concrete work	134 45 54	2,163 922 1,194	51 19 23	162 63 21	92 36 12	7 1	2,443 1,200 104	43 14 (D

D Withheld to avoid disclosures. S Withheld because estimates did not meet publication standards on the basis of either response rate or a consistency review. See text, section 13. "Awarage for year. "Total business receipts. "All business receipts less payments for materials, components, supplies, and fur-construction work subcontracted to others." Includes industries not shown separately. "N.e.c. means not elsewhere classified.

No. 1369. PUERTO RICO—MERCHANDISE IMPORTS AND EXPORTS: 1970 TO 1986
[In millions of dollars]

ITEM	1970	1974	1975	1970	1977	1978	1979	1980	1981	1982	1982	1984	1905	1983
Imports	611 1,680 1,563	4,961 2,945 2,016 3,275 2,871 404	4,885 3,029 1,856 3,000 2,633 367	5,928 3,677 2,251 3,735 3,298 437	6,200 3,552 2,649 4,516 4,009 507	6,918 4,391 2,527 5,123 4,499 624	7,834 4,788 3,046 6,539 5,720 819	5,345	5,601 3,528	8,167 5,300 2,867 8,888 7,624 1,264	8,708 5,162 3,548 8,242 6,936 1,306	10,116 5,738 4,378 9,426 8,074 1,352	10,162 6,130 4,032 11,067 9,873 1,214	9,984 6,130 3,864 11,202 9,872 1,330

Source: U.S. Bureau of the Census, Foreign Commerce and Navigation of the United States, annual; U.S. Trade with Puerto Rico and U.S. Possessions, FT 800; and Highlights of U.S. Export and Import Trade, FT990.

NO. 1370. PUERTO RICO, GUAM, AND VIRGIN ISLANDS-GOVERNMENT SUMMARY: 1982

		PUERT	o Rico		18
ITEM	Unit	Common- wealth	Municipio <sup>1</sup>	Guern	lelends
Number of governments	Number	,	78	1	
Gross assessed value *	Mil. dol	7,705.8	7,705.8	711.4	2,165.5
Real property	Mil. doi	5,118.9	5,116.9	711.4	2.165
Real property	Mil. dol	2,566.9	2,586.9	-	4.00.
Employment, total	Number	185,000	37,500	10,327	12,985
Rate 3 4	Number	579	117	974	1.349
Full-time employees		(NA)	(NA)	9,393	1,345 12,657
Full-time equivalent		(NA)	(NA)	9,730	12,756
October payrolls total	\$1,000	96,200	21,700	12,829	14,127
Full-time employees	Dollars	(NA)	(NA)	1,317	1,105
Instructional employees		NAS I	) A	1.531	1,410
Other	Dollars	(NA)	ma	1,277	1,046
Revenue, total	Mil. dol	5,877.5	346.9	278.6	005.2
Per capita 4		1,839	109	2,629	6,886
Intergovernmental	Mil. dol	1,184.1	58.0	61.0	320.1
Taxes	Mil. dol	1,940.2	289.0	118.9	187.0
	Mil. dol	1,316.7	(MA)	61.0	61.6
Other	Mil. doi	1,436.6	-	37.7	96.0
	Mil. dol	5,695.6	305.1	450.6	000.0
Per capita 4		1,782	91	4,252	6,921
Current operations	Mil. dol	1,813.4	279.9	373.1	531.2
Capital outley	Mil. dol	518.5	(mA)	50.4	
Other	Mil. dol	3,363.7	25.2	27.2	66.4

Represents zero. NA Not available. <sup>1</sup> Classified as county governments for cereus statistics on governments.
 For 1981. <sup>8</sup> Per 10,000 population. <sup>4</sup> Based on enumerated population as of April 1, 1980.

Source: U.S. Bureau of the Census, Consuses of Outlying Areas, 1977 and 1982 Construction Industries, Puerto Rico, series OAC77-3 (revised), and OAC 82-3.

Source: U.S. Bureau of the Census, 1982 Census of Governments, Vol. 6, No. 2, Puerto Piles, Vilgin Inlands, and Guam (GCB216)-2).

No. 1371. PUERTO RICO, GUAM, AND VIRGIN ISLANDS—AGRICULTURE: 1978 AND 1982
[1 cuerds = .97 scre. Tons specified are short tons]

	4070						AMOUNT HA	RVEST	ED 1	SALES (	\$1,000)
TEM	1979	1962	ITEM	1979	1933	ITEM	Unit	1978	1962	1978	1962
				Put	ERTO F	lico					
-	18,992	21,820	Tenure of operator:			Dairy products	(x)	(x)	(x)	131,485	152,126
rcent— than 10		100	Percent-			Poultry 3	(x)	(x)	(x)	26,950	45,945
erdas	37.0	45.1	Full-owners	77.0	79.3	Coffee	1,000 cwt.3	178.9	243.9	26,387	39,302
erdas	25.2	20.9	Part-owners	15.0	11.5	Cattle and calves	(x)	(x)	(x)	18,945	28,579
99 erdas	20.6	18.0	Managers	2.2	1.8	Sugarcane	1,000 tons	2,925	1,462	39,530	26,663
erdas	7.4	7.1	Tenants	5.8	7.4	Fruits/nuts	(x)	(x)	(x)	10,686	14,060
to 174 erdas	4.1	3.9	Avg. cuerda size— Full-owners	33.8	31.1	Grains and farinaceous crops	000	(x)	(x)	5,891	9.713
erdass in farms	5.7 979,603	5.0 982,457	Part-owners Managers Tenants	101.6	99.3	Vegetables	(x) (x)	(x)	(x)	2,338	9,547
					GUAM						
	1,999	2,044	Tenure of operator:			Chicken eggs	(x)	(x)	(x)	1,293.3	792.1
rcent-			Percent—			Cucumbers	1,000 lbs	118,8	658.2	16.7	217.8
than 1	(NA)	45.4	Full-owners	80.5	78.0	Fish	(x)	(x)	(x)	5.3	121.3
2 acres	(NA)	36.4	Permittees	4.7	11.6	Hogs and pigs	(x)	(x)	(x)	69.1	117.2
7 acres more	(NA)	10,5	Part-owners	5.8 1.6	6.8	Watermelons	1,000 lbs		422.5	92.1	115.6
n tarms	(NA) 28,619	7.8	Nonpermit- tees Others	5.8	1.1	Green beans	1,000 lbs	1270	143.2	23.2	64.3
n tamis	20,019	20,002	Officis		1 1/1	D. L. C.	1,000 105	30.6	105.1	5.1	04.0
-			-	VIRG	IN ISL				F		200
	378	303	Tenure of operator:			Milk	(x)	(x)	(x)	1,074.1	922.1
rcent— than 3			Percent—			Cattle and calves	(x)	(x)	(x)	395.3	488.
res 9 acres	24.1	24.8 37.6	Full-owners Part-owners	78.0	80.2	Poultry * Hogs and	(x)	(x)	(x)	211.7	315.6
19 acres	14.3	10.6	Tenants	7.4	7.9	pigs Bananas	(x) 1,000	(x)	(x)	31.5	130.0
r more					9		bunches	3.2	11.5	5.3	62.6
res n farms	22.8 24,397	27.1 20,624	Managers	6.6	1.0	Onions Mangoes	(x) 1,000	111.5	(x) 209.8	18.8	51.5 48.5

Not available. X Not applicable. ¹ Includes amounts not sold. ² Includes poultry products. t=hundredweight (100 lbs.)
cs: U.S. Bureau of the Census, 1982 Census of Agriculture, vol. 1, parts 52, 53, and 54.

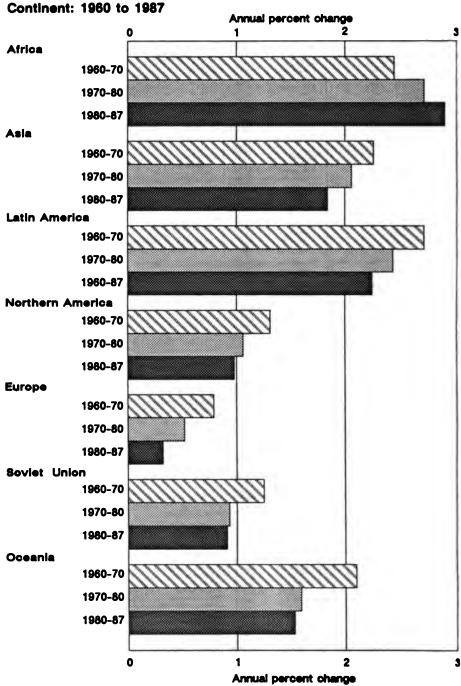
1372. GUAM, VIRGIN ISLANDS, AND NORTHERN MARIANA ISLANDS—ECONOMIC SUMMARY: 1982
[Select and payroll in millions of dollars]

ITEM	Guam	Virgin Islands	No. Manana Islands	ITEM	Guern	Virgin Islands	No. Mariana Islands
Establishments.  al payroll employees 1 aid family workers 2 nations: Establishments.  asi payroll employees 1 aid family workers 3 asturing: bilahments.  all payroll employees 1 aid family workers 3 asturing: all payroll employees 1 aid family workers 3 aid family workers 3 aid family workers 3 aid family workers 3	(D) 115.6 11.871 507 61 60.2 16.3 1,383 14 22 (D) 8.4 638	2,568 (D) 226.5 19,132 511 150 142.0 46.3 3,283 23 71 (D) 63.1 2,830 6	486 134.9 19.9 3,945 2299 42 22.2 3.7 732 14 8 8 2.1 .5	Wholesale trade: Establishments Sales Annual payroll Paid employees 1 Unpaid family workers 2 Retail trade: Establishments Sales Annual payroll Paid employees 1 Unpaid family workers 3 Sarvices: 2 Establishments Sales Annual payroll Paid employees 1 Unpaid family workers 3 Sales Annual payroll Paid employees 1 Unpaid family workers 3	164.9 12.8 981 12 802 412.9 48.6 5,400 401 403 118.9 31.5 3,469	104 197.4 18.7 1.363 14 1.191 489.2 489.2 1.072 146.7 42.6 4.676 111	256.5 1.4 364 56.7 7.4 1.490 194 25.4 6.1 1.262

Impreents zero. D. Withheld to evoid declosure of information pertaining to a specific organization.

If pay period including March 12. If includes those who worked 15 hours or more during the week including March 12. It





Source: Chart prepared by U.S. Bureau of the Census. For data see table 1375.



Section 31

# Comparative International Statistics

section presents statistics for the world as a whole and for many countries on a comparative Ith the United States. Selected data are shown for area and population, births and deaths, and industrial indicators, finances, agriculture, communication, and military affairs.

tics of the individual nations may be found primarily in official national publications, generalform of yearbooks, issued by most of the nations at various intervals in their own national
iss, expressed in their own or customary units of measure. (For a listing of selected publicase Guide to Sources.) For handler reference, especially for international comparisons, the
all Office of the United Nations compiles data as submitted by member countries and issues
or of international summary publications, generally in English and French. Among these are
listical Yearbook; the Demographic Yearbook; the Yearbook of International Trade Statistics;
ribook of National Accounts Statistics: Vol. II, International Tables; Population and Vital Staleports (quarterly); the Monthly Bulletin of Statistics; and Energy Statistics Yearbook. Speagencies of the United Nations also issue international summary publications on agriculturr, health, and education statistics. Among these are the Production Yearbook and Trade
rh issued by the Food and Agriculture Organization, the Yearbook of Labour Statistics
ry the International Labour Office, World Health Statistics issued by the World Health Orga, and the Statistical Yearbook issued by the Educational, Scientific, and Cultural Organiza-

sureau of the Census, in Country Demographic Profiles, series ISP-30, presents data on indicountries for both a recent census year and the current period; and in the World Population ieries, estimates of basic demographic measures for countries and regions of the world. The fonal Population Statistics Reports, series P-90 and P-91, issued by the Bureau of the , also present population figures for many foreign countries. More detailed population statisalso available from the Bureau of the Census' computerized data system, the international ise.

J.S. Arms Control and Disarmament Agency and the International Monetary Fund (IMF) also data on international statistics. In its *World Military Expenditures and Arms Transfers*, pubninually, the Arms Control and Disarmament Agency presents data on various economic inputs as well as basic military data. Among the topics presented have been military expendinces national product, imports and exports, and armed forces, by region and/or country. The blishes a series of reports relating to financial data. These include *International Financial* is, *Direction of Trade*, and *Balance of Payments Yearbook*, published in English, French, anish.

itical coverage, country names, and classifications.—Problems of space and availability limit the number of countries and the extent of statistical coverage shown. The list of countried is based almost entirely on a list of sovereign nations, dependencies, and areas of sovereignty published by the U.S. Department of State in Status of the World's Nations. names are shown here as specified in that publication. In the few cases where a lack of ability exists between State Department and United Nations' terminology, the State Departmenterences are used.

countries and regions in tables 1375, 1376, 1378, and 1379 are classified as either "more ed" or "less developed," according to a regional classification system used by the Census in its World Population: 1963. The system is based on the assumption that, within regions, if such factors as industrial development, literacy rate, gross reproduction rate, per capita etc., are somewhat constant. "More developed" countries comprise Japan, Australia, New I, the Soviet Union, and these countries in Northern America and Europe. All others are syeloped".

omic associations.—The Organization for European Economic Co-operation (OEEC), a re-rouping of Western European countries established in 1948 for the purpose of harmonizing

national economic policies and conditions, was succeeded on September 30, 1961, by the Organization for Economic Cooperation and Development (OECD). The member nations of the OECD are Australia, Austria, Belgium, Canada, Denmark, Finland, France, Greece, Iceland, Ireland, Italy, Japan, Luxembourg, the Netherlands, New Zealand, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, the United Kingdom, the United States, and West Germany, plus Yugoslavia in special status category.

Quality and comparability of the data.—The quality and comparability of the data presented here are affected by a number of factors:

- (1) The year for which data are presented may not be the same for all subjects for a particular country, or for a given subject for different countries, though the data shown are the most recent available. All such variations have been noted. The data shown are for calendar years except as otherwise specified.
- (2) The bases, methods of estimating, methods of data collection, extent of coverage, precision of definition, scope of territory, and margins of error may vary for different items within a particular country, and for like items for different countries. Footnotes and headnotes to the tables give a few of the major time-period and coverage qualifications attached to the figures; considerably more detail is presented in the source publications. Many of the measures shown are, at best, merely rough indicators of magnitude.
- (3) Figures shown in this section for the United States may not always agree with figures shown in the preceding sections. Disagreements may be attributable to the use of differing original sources, a difference in the definition of geographic limits (the 50 States, conterminous United States only, or the United States including certain outlying areas and possessions), or to possible adjustments made in the United States figures by the United Nations or other sources in order to make them more comparable with figures from other countries.

International comparisons of national accounts data.—In order to compara national accounts data for different countries, it is necessary to convert each country's data into a common unit of currency, usually the U.S. dollar. The market exchange rates which are often used in converting national currencies do not necessarily reflect the relative purchasing power in the various countries. For example, using table 1388, it should not be concluded that the United Kingdom's individual standard of living in 1986 was only 56 percent of that of the U.S., as the statistics may imply. It is obviously necessary that the goods and services produced in different countries should be valued consistently if the differences observed are meant to reflect real differences in the volumes of goods and services produced. The use of purchasing power parities (see table 1389) instead of exchange rates is intended to achieve this objective.

The method used to present the data shown in table 1389 is to construct volume measures directly by revaluing the goods and services sold in different countries at a common set of international prices. By dividing the ratio of the gross domestic products of two countries expressed in their own national currencies by the corresponding ratio calculated at constant international prices, it is possible to derive the implied purchasing power parity (PPP) between the two currencies concerned. PPP's show how many units of currency are needed in one country to buy the same amount of goods and services which one unit of currency will buy in the other country. For further information, see National Accounts, Main Aggregates, volume I, issued annually by the Organization for Economic Cooperation and Development, Paris, France.

#### No. 1373. WORLD SUMMARY: 1970 TO 1986

[See text, section 31, for general comments concerning quality of the data]

Sulture, forestry, and fishing:   Mil. metric tons	ITEM	Unit	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
Mil. metric tons	lation	Millions	3,678	4,033	4,378	4,453	4,528	4,607	4,684	4,760	4,837	4,917
Mil. metric tons	sulture forestry and fishing-		15.7		1			100	1	1	001	100
Mil. metric tons   3.9   4.7   4.9   4.8   6.0   5.1   5.7   5.2   5.9		Mil matric tone	100	140	150	160	150	104	162	172	170	180
Mil. metric tons   278   346   419   396   450   450   348   453   488   453   ats   ats   ats   Mil. metric tons   11,8   12,3   13,9   15,9   15,9   14,8   14,3   18,3   17,2   ats   ats   Mil. metric tons   (NA)   (NA)   130   134   136   137   14,2   14,5   150   aruts (groundruts)   Mil. metric tons   18,5   19,7   18,0   17,1   20,5   18,1   19,0   20,1   21,3   131   130   137   14,2   14,5   150   aruts (groundruts)   Mil. metric tons   18,5   19,7   18,0   17,1   20,5   18,1   19,0   20,1   21,3   131   130   137   14,2   14,5   150   130   130   13,4   136   137   14,2   14,5   150   14,5   150   18,1   19,0   20,1   21,3   130   13,4   136   137   14,2   14,5   150   18,1   19,0   20,1   21,3   130   13,4   136   137   14,2   14,5   150   18,1   19,0   20,1   21,3   130   13,4   136   137   14,2   14,5   150   18,1   19,0   20,1   21,3   130   13,4   136   137   14,2   14,5   150   14,5												5.2
tion (lint)												
als												481
anuts (groundnuts)												15.0
Table   Tabl					130	134	136	137	142	145	150	155
Mil. metric tons   316   358   377   399   412   424   452   470   475	anuts (groundnuts)	Mil. metric tons	18.5	19.7	18.0	17.1	20.5	18.1	19.0	20.1	21.3	21.
Mil. metric tons   316   358   377   399   412   424   452   470   475	tatoes	Mil. metric tons	288	259	320	264	289	288	288	312	300	309
Mail metric tons   Mail metric			316	358			412			470	475	476
Mil. metric tons   Mil. Mil. metric tons   Mil. Mil. Mil. Mil. Mil. Mil. Mil. Mil.												6.1
Mil. metric tons   Mil. metric												536
undwood         Mil. cubic meters         2,614         2,596         2,896         2,942         2,945         2,941         3,053         3,127         3,165           h catches         Mil. metric tons         68.0         68.7         71.3         72.0         74.8         76.6         76.8         82.8         (NA)           strial production:         Mil. metric tons         (NA)         4NA         37.6         84.0         92.8         102.2         97.8         100.6         121.5         11.2         12.2         12.3         13.7         13.7         140.1         141.7         141.0         141.7 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>3.0</td></t<>												3.0
Strial production:												
Mil. metric tons   Mil. metric	unuwood											(NA
Mil. metric tons   Na.	n catches	Mil. metric tons	68.0	68.7	71.3	72.0	74.8	76.6	76.8	82.8	(NA)	(NA)
Mil. metric tons   72.9   61.5   88.5   84.0   92.8   100.2   97.8   100.6   121.5   131.6   137.2   139.7			3.54	100	100	1396	1.72	100	100	5	Les	
Mil. metric tons   12.1.2   125.2   133.6   137.2   139.7   139.7   139.7   139.7   139.7   139.7   139.7   139.7   139.7   140.1   141.7   141.0	16	Mil. metric tons	(NA)	(NA)	37.6	35.4	31.6	37.3	35.0	32.4	30.8	(NA
Mil. metric tons   121.2   125.2   133.6   137.2   139.7   139.7   140.1   141.7   141.0		Mil. metric tons	72.9	81.5	88.5	84.0	92.8	102.2	97.8	100.6	121.5	122.5
at	eat flour			125.2	133.6	137.2	139.7	139.7	140.1	141.7	141.0	(NA
nite and brown coal.  Mil. metric tons.  793 863 985 1,005 1,034 1,089 1,091 1,182 1,232 1, depetroleum.  15,7 19,3 22.8 21.8 20.4 19,4 19,3 19,3 19,3 19,3 1,182 1,232 1, depetroleum.  15,8 1,005 1,004 1,												(NA
Sill   Sill												1.188
Circity	de petroleum '											(NA
Circity	tural cas (dod !	Tri ou ti	37.5	441	517	533	54.7	542	54.5	59.3	811	(NA
Non and terroalloys												9,472
Mil. metric tons   440   489   540   531   519   472   475   481   483												740
200												484
xide steel         Mil. metric tons         594         644         739         704         695         629         642         653         855           ment.         Mil. metric tons         (NA)         859         867         868         866         868         889         908           n-cellulosic fibers **         Mil. metric tons         4.9         7.4         10.6         10.5         10.8         10.1         11.1         11.9         12.5           wnwood         Mil. cubic meters         413         402         451         438         419         421         453         461         465           volupi         Mil. metric tons         97.2         97.9         118.7         121.1         120.6         115.3         123.9         131.1         (NA)           wsprint         Mil. metric tons         21.6         21.0         25.3         26.1         27.3         25.8         26.9         98.9         90.8           rehard vessels, launched **         Mil. gross tons         21.7         35.9         11.8         13.9         17.1         17.3         14.9         17.7         17.2           tor vehicles         Mil. metric tons         32.9         902	iron and terroalloys											212
Mil. metric tons   Mil. metric	Marian Ma											
n-cellulosic fibers 2												662
Mil. cubic meters   413   402   451   438   419   421   453   461   465	ment	Mil. metric tons	(NA)	(NA)	859	867	868	866	888	889	908	910
Nodpulp	n-cellulosic fibers *	Mil. metric tons	4.9	7.4	10,6	10,5	10.8	10,1	11,1	11,9	12.5	11.4
wsprint rehant vessels, launched **         Mil. metric tons of the problem of	wnwood	Mil. cubic meters	413	402	451	438	419	421	453	461	465	(NA
wsprint         Mil. metric tons         21.6         21.0         25.3         26.1         27.3         25.8         26.9         28.9         (NA)           rchant vessels, launched a corrections         Mil. gross tons         21.7         35.9         11.8         13.9         17.1         17.3         14.9         17.7         17.2 <td>odpulp</td> <td>Mil. metric tons</td> <td>97.2</td> <td>97.9</td> <td>118.7</td> <td>121.1</td> <td>120.6</td> <td>115.3</td> <td>123.9</td> <td>131.1</td> <td>(NA)</td> <td>(NA</td>	odpulp	Mil. metric tons	97.2	97.9	118.7	121.1	120.6	115.3	123.9	131.1	(NA)	(NA
rohant vessels, launched <sup>3</sup> . Mil. gross tons				21.0	25.3		27.3	25.8	26.9		(NA)	(NA
tor vehicles. Millions 29.3 33.0 41.6 38.9 37.5 36.4 39.9 41.8 (NA)  mail trade: oorts, C.L. Bil. U.S. dollars 329 902 1,689 2,057 2,322 1,905 1,878 1,990 2,043 2, oorts, Lo.b Bil. U.S. dollars 314 874 1,643 1,995 2,215 1,831 1,806 1,902 1,632 2,  sport: Next freight Bil. metric ton-km 5,027 6,015 6,802 6,754 6,810 6,835 6,855 7,138 7,285 (NA)  millions 29.3 33.0 41.6 38.9 37.5 36.4 39.9 41.8 (NA)	rchant vessels launched 1							17.3				(NA
mail trade:           sorts, c.L1												(NA
ports         Bil. U.S. dollars         329         902         1,689         2,057         2,322         1,905         1,878         1,990         2,043         2           ports         Bil. U.S. dollars         314         874         1,643         1,995         2,215         1,831         1,806         1,902         1,932         2,           sports         Bil. metric ton-km         5,027         6,015         6,802         6,754         6,810         6,635         6,855         7,138         7,285           rchant shipping, freight         Mil. metric tons         (NA)         (NA)         3,825         3,676         3,555         3,298         3,287         3,440         (NA)				2015		-	4.10			5.70	624	600
ports     Bil. U.S. dollars     314     874     1,643     1,995     2,215     1,831     1,806     1,902     1,932     2, sports       lively freight     Bil. metric ton-km     5,027     6,015     6,802     6,754     6,810     6,855     7,138     7,285       chant shipping, freight     Mil. metric tons     (NA)     (NA)     3,825     3,676     3,555     3,298     3,287     3,440     (NA)		DO 110 dallar	200	000		0.057					2012	0.000
iport:												2,229
New freight Bil. metric ton-km. 5,027 6,015 6,602 6,754 6,810 6,635 6,855 7,138 7,285 rchant shipping, freight Mil. metric tons (NA) 3,825 3,676 3,555 3,298 3,287 3,440 (NA)	orts, 1.0.0	Bit. U.S. dollars	314	874	1,643	1,995	2,215	1,831	1,806	1,902	1,932	2,117
rchant shipping, freight 3		and the second	-	-	100	1,000		-	177			
rchant shipping, freight 3	lway freight	Bil. metric ton-km	5.027	6.015	6.602	6.754	6.810	6.635	6.855	7.138	7.285	(NA
	rchant shipping, freight 3											(NA
וייבו פוסטון וייבו פוסטון שפטים ויידיים פוסטון דייניים ביידיים פוסטון דייניים ביידים ביידים ביידים ביידים ביידים ביידים ביידיים ביידים ביידים ביידים ביידים ביידים ביידים בייד												INA
	e armost, reconstitute north	William 11	7,000	4,010	3,100	2,770	3,000	3,0.0	S,GEU	0,000	10,420	free

Not available. 

1 Source: U.S. Energy information Administration, International Energy Annual and Monthly Energy is: 

1 Excludes China: Mainland. The and merchant vessels exclude Soviet Union. For other exclusions, see source, relight loaded. 

1 Solicitude Soviet Union. Excluded soviet Union. Excluded Soviet Union. Excluded Soviet Union. Including Soviet Union. Including Soviet Union. Including Soviet Union.

#### No. 1374. WORLD POPULATION, 1970 TO 1967, AND AREA, 1967, BY SIZE OF COUNTRY

[Covers only countries listed in table 1378. See headnote, table 1378]

		POPUL	ATION				1	967		
	18	70	19	<b>83</b>	Cou	ntries	Popu	lation	An	<b></b>
POPULATION CLASS IN 1987	Total (mil.)	Per- cent of total	Total (mil.)	Per- cent of total	Total num- ber	Per- cent of total	Total (mil.)	Per- cent of total	Total (1,000 sq. ml.)	Per- cent of total
Potal	3,721	100.0	4,476	100.0	206	100.0	5,065	100.0	52,446	100.0
r 1 million million million smillion 5 million 50 million	12 77 157 373 267 2,836	.3 2.1 4.2 10.0 7.2 76.2	14 98 167 460 318 3,401	.3 2.2 4.2 10.3 7.1 76.0	74 40 29 32 10 21	36.9 19.4 14.1 15.5 4.9 10.2	16 113 215 534 359 3,819	.3 2.2 4.3 10.6 7.1 75.5	1,263 4,706 3,633 9,778 7,821 25,224	2.4 9.0 6.9 18.5 14.9 48.1

arce: Compiled from data in U.S. Bureau of the Census, World Population Profile, 1887, forthcoming, and unpublished data.

No. 1375. WORLD POPULATION AND GROWTH, BY CONTINENT AND REGION: 1965 TO 1967
[For explanation of "more developed" and "less developed" categories, see text, section 31]

3.404.7.7.2.4.1		MIC		OPULAT	ION		,		(percent)	SROWTH	
CONTINENT AND REGION	1965	1970	1975	1980	1985	1987	1965- 1970	1970- 1975	1975- 1980	1980- 1985	1985- 1987
World total More developed regions Less developed regions. Percent of world.	1,002	3,721 1,049 2,672 72	4,104 1,096 3,006 73	4,476 1,137 3,339 75	4,882 1,176 3,706 76	5,055 1,190 3,864 76	2.0 .9 2.5 (x)	2.0 .9 2.4 (x)	1.7 .7 2.1 (x)	1.7 .7 2.1 (x)	1.7 .6 2.1 (x
Africa 3	99	376 2,111 104 2,007	428 2,363 112 2,251	493 2,594 117 2,477	569 2,844 121 2,723	604 2,950 122 2,828	2.5 2.4 1.1 2.5	2.6 2.3 1.3 2.3	2.8 1.9 .9 1.9	2.9 1.8 .7 1.9	2.5 1,8 1,9
East Asia <sup>3</sup> South Asia <sup>3</sup>	873 998	991	1,103 1,260	1,181	1,255 1,588	1,287 1,663	2.5 2.3	2.1 2.4	1.4	1.2 2.3	1.3
Latin America <sup>2</sup> Middle America <sup>2</sup> Caribbean <sup>2</sup> South America <sup>2</sup>	250 60 23 168	286 70 25 191	324 81 27 216	365 93 29 242	409 104 32 272	427 109 33 285	2.7 3.1 1.9 2.6	2.5 3.0 1.8 2.4	2.4 2.7 1.5 2.3	2.3 2.3 1.5 2.3	2.2 2.2 1.5 2.3
Northern America 3 *	444	226 460 243	239 474 255	252 484 266	265 492 279	270 495 284	1.1 .7 1.0	1.1 .6 1.0	1.1 .4 .9	1.0 .3 .9	9779
Oceania Australia and New Zealand * Less developed regions		19 15 4	21 17 4	23 18 5	24 19 6	25 19 6	2.1 1.9 2.7	1.9 1.7 2.5	1.3 1.0 2.4	1.6 1.3 2.4	1.4 1.2 2.4

X Not applicable.

Tabular Presentation.

1 Computed by the exponential method. For explanation of average annual percent change, see Guide to 2 Less developed region.

2 For component countries, see table 1379.

4 More developed region.

Source: U.S. Bureau of the Census, unpublished data.

# No. 1376. WORLD POPULATION CHARACTERISTICS, 1975 TO 1987, AND PROJECTIONS TO 2010 [See headnote, table 1377. For explanation of "more developed" and "less developed" categories, see text, section 31]

ITEM	Unit	1975	1980	1985	1987	1990	1995	2000	2005	2010
World total	Millions	4,104	4,476	4,882	5,055	5,320	5,774	6,241	6,709	7,192
Population per sq. mi	Number	78	85	93	96	101	110	119	128	137
Males	Millions	2,060 2,044	2,250 2,227	2,457 2,425	2,545 2,510	2,679 2,641	2,909 2,865	3,144 3,097	3,380 3,330	3,621
Under 5 years old		57.5	12.4 23.0 58.9 5.7 22.3	12.1 21.6 60.7 5.7 23.2	11.9 21.1 61.2 5.8 23.5	11.8 20.6 61.7 6.0 24.2	11.3 20.4 62.0 6.3 25.2	10.8 20.0 62.6 6.7 26.2	10.3 19.3 63.4 7.0 27.0	10.0 18.6 64.2 7.2 27.8
More developed regions	Millions	1,096	1,137	1,176	1,190 3,864	1,211	1,242	1,269	1,293 5,416	1,313

Source: U.S. Bureau of the Census, unpublished data.

# No. 1377. WORLD VITAL STATISTICS AND LIFE EXPECTANCY, 1965 TO 1985, AND PROJECTIONS, 1985 TO 2005

[Source of data presents 3 variants or series of projections: Medium, high, and low. Figures shown here are for the *medium* variant. Data shown are annual averages]

ITEM	Unit	1 <b>965</b> - 1970	1970- 1975	1975- 1980	1990- 1980	1965- 1960	1990- 1980	1905- 2000	2005
World growth rate	Per 1,000 population Per 1,000 population Number	33.9 13.3 4.9	2.0 31.6 12.2 4.4 58.6 55.5 57.7	1.8 26.4 11.2 3.8 58.0 56.8 59.2	1.7 27.1 10.5 3.5 59.5 58.2 60.9	1.6 26.0 9.9 3.3 61.1 59.7 62.6	1.6 25.0 9.3 3.1 62.6 61.1 64.3	1.5 23.8 8.6 3.0 64.1 62.4 65.8	1.4 22.3 8.5 2.8 65.4 63.6 67.2

See headnote, table 1380.
 Total fertility rate: Average number of children that would be born per woman if all woman lived to the end of their childbearing years and, at each year of age, they experienced the birth rates occurring in the specified year.

Source: Population Division of the United Nations, New York, NY, World Population Prospects as Assessed in 1884, 1888.

#### No. 1378. Population and Area, by Region and Country

la generally are da facto figures for the present territory. Population estimates were derived from information of mid-1987. See table 1379 for country components of regions. See text, section 31, for general comments he data. For details of methodology, coverage, and reliability, see sources. Minus sign ( indicates decrease)

	Develop-	LA	TEST	MIC	YEAR POPU	LATION EST	MATES	_	Danie	
TRY	ment status of coun-	POPU	ILATION ISUS <sup>2</sup>	N	mber (1,00	00)	Avg. a perc chan		Popu- lation per sq. mile,	Area 4 (sq. mile)
	tries 1	Year	Number (1,000)	1970	1980	1987	1970- 1980	1980- 1987	1987	
1	(x)	(x)	(x)	3,721,311	4,476,455	5,054,798	1.8	1.7	96	52,448,290
	(X) (X) (X) (X) (X) (X) (X) (X) (X) (X)	(x)	(x)	375,984	492,952	603,697	2.7	2.9	52	11,692,673
ca 5,	(x)	(x)	(x) (x)	226,483 285,722	251,941 364,656	269,806 426,883	1.1	1.0	32 54	8,308,538 7,930,816
ca	(x)	(X) (X)	(x) (x)	09,744	92,905	109,131	2.9	2.3	113	963,397
a	(x)	(x)	(x)	24,983 190,994	29,432 242,318	32,647	1.6	1.5	353 41	92,376 6,875,043
•	(x)	(x)	(x)	990,935	1,181,034	286,105 1,287,490	1.8	1.2	283	4,550,909
	(x)	(x) (x) (x) (x) (x)	(x) (x)	1,120,119	1,412,485	1,662,529	2.3	2.3	270 263	6,146,724
	(x)	(x)	(X) (X)	460,017 242,766	484,365 266,410	495,215 284,008	.9	.9	33	1,881,870 8,649,496
	(x)	(x)	(x)	242,766 19,286	22,613	25,169	1.6	1.5	8	3,287,265
RIES	7:20	4.3		1000	25.54	633.3	1.33	153		3775
*********	MDC	1980	227,061	205,052	227,757	243,830	1.1	1.0	67	3,618,769
***************************************	LDC MDC	A 1979 1979	15,551 2,591	12,431 2,136	14,985	14,184	1.9	8 2.1	57 278	249,999
	LDC	1979	16,260	13,932	2,671 18,850	3,086 23,461	3.0	3.1	26	919,487
	MDC	1954	6	20	34	48	5.4	5.1	267	180
rbuda	LDC LDC LDC	1970	5,646 66	5,606 66	6,796 69	7,950 69	1.9	2.2	641	481,351
inner representative	LDC	1970 1980	27,947	23,962	28,237	31,145	1.6	1.4	29	1,068,297
HERMIT SAMPLES CONTINUES	LDC MDC	1961	14,576	12,660	14,616	16,069	1.4	1.4	828	2,967,894
******************	MDC	1981	7,555	7,467	7,549	7,569	.1		234	32,369
	LDC	1980	210	170	211	239	2.1	(Z) 1.8	44	5,380
	LDC	1981	351	220	348	464	4.6	4.1	1,778	261
WWW	LDC	1981 1980	87,120 249	67,403 239	88,077 252	107,088 324	2.7	2.8 3.6	1,926	55,596 166
	MDC	1981	9,849	9,638	9,847	9,873	.2	(Z) 1.9	837	11,792
	LDC	1980	145	122	147	168	1.9	1.9	19	8,866
	LDC	1979 1969	3,331 1,035	2,611 1,045	3,435 1,281	4,339 1,473	2.0	3.3	100 82	43,483 18,000
	LDC	1976	4,613	4,265	5,395	6,310	2.4	2.2	15	424,162
	LDC	1981 1980	119,003	584 95,684	903 123,180	1,149	4.4 2.5	3.4 2.5	45	3,286,524
	LDC	1981	193	128	185	250	3.7	4.3	112	2,235
	MDC	1985	8,948	8,490	8,844	8,961	.4	.2	209	42,823
	LDC	1985 1983	7,976 35,314	5,910 27,386	7,088 33,533	8,276 38,822	1.8	2.2	89 149	92,741
	LDC	1979	3,984	3,513	4,120	5,006	1.6	2.8	466	10,747
	LDC	1962 1976	5,729	7,060 6,727	5,692 8,576	6,536 10,255	-2.2	2.0	94 56	69,896 183,567
interested in the second	MDC	1981	7,132 24,343	21,324	24,070	25,858	1.2	1.0	7	3,849,656
	LDC	1980	296	269	296	344	1.0	2.2	221	1,560
Republic	LDC	1975 S 1964	2,055 3,254	1,827 3,557	2,269 4,018	2,669 4,646	1.2	2.3	11	240,534 495,998
Marin Commence	LDC	1982	11,275	9,369	11,094	12,448	1.7	1.6	43	292,257
1	LDC	1982	1,008,152	820,403	983,379	1,074,019	1.8	1.3	290	3,705,390
	LDC	1980 1985	17,969	14,598	17,788	19,768	2.0	1.5	1,587	12,456
	LDC	1985	27,867 335	21,430 236	26,518 334	30,661 415	2.1 3.4	3.1	495	439,733 838
	LDC	1984	1,912	1,183	1,620	2,082	3.1	3.6	16	132,046
ishiri o e construiren	LDC	1984 1981	2,417 9,724	1,736 8,543	2,307 9,653	2,812 10,259	1.2	2.8	144 232	19,575 44,19
Application of the Parket Control of	LDC	1982	643	615	627	684	2	1.2	191	3,572
leancine neutron	MDC MDC	1980 1981	15,283 5,124	14,319 4,929	15,255 5,123	15,582 5,122	.6	(-z)	316 308	49,37 16,632
	LDC	1979	260	158	279	312	5.7	1.6	37	8,49
	LDC	1980	74	71	75	94	.6	3.2	324 370	18.816
ublic	MDC	1981	5,648 16,706	4,373 17,070	5,826 16,737	6,961 16,610	2.9	2.5	398	41,768
	LDC	1982	8,051	6,051	8,123	9,955	2.9	2.9	91	109,483
***************	LDC	1976	36,626	33,574	42,239	51,930	2.3	3.0	134	386,660
W1000	LDC	1971 1983	3,555	3,583 272	4,680	5,260	2.7	1.7 3.8	648	8,124 10,830
A District Contract	LDC	1984	42,019	31,076	38,563	46,709	2.2	2.7	99	471,776
mman ottete	LDC	1976	588	521	631	725	1.9	2.0	102	7.095
	MDC MDC	1980 1982	4,785 54,335	4,606 50,787	4,780 53,870	4,935 55,596	6	.5	38 263	130,159
	LDC	1980	800	514	806	1,044	4.5	3.7	10	103,346
PROPERTY OF STREET	LDC	1983 1984	12,206	502 8,789	10,842	760 13,949	2.5	3.6	174 151	4,36 92,100
	MDC	1981	9,740	8,793	9,643	9,968	.9	.5	196	50,944
	LDC	1981	89	95	90	85	6	9	637	42,000
	LDC	1981	6,044 5,781	5,262 4,584	7,132 5,484	8,622 6,738	3.0	2.7	205	94,964

#### Comparative International Statistics

# No. 1378. Population and AREA, BY REGION and Country—Continued [See headnote, p. 795]

COUNTRY	Develop- ment status of coun-	POPU	LATION SUS =	No	mbar /1 00/	10	Avg. a		Popu- lation	Area 4
				145	mber (1,000	4	chan	ent ige <sup>3</sup>	per sq. mile,	(sq. mile)
	tries 1	Year	Number (1,000)	1970	1980	1987	1970- 1980	1980- 1987	1987	
Guinea-Bissau	LDC	1979	768	620	789	928	2.4	2.3	66	14.00
Guyana	LDC	1980	759	715	759	766	.6	.1	9	83,00
Haiti	LDC	1982	5,054	4,605	5,473	6,187	1.7	1.8	577	10.7
Honduras	LDC	1974	2,657	2,683	3,778	4,815	3.4	3.5	111	43,2
Hungary	MDC	1980	10,709	10,337	10,711	10,609	.4	1	295	35,9
celand	MDC	R 1984	240	204	228	245	1.1	1.0	6	39,7
ndia 1	LDC	1981	685,185	555,043	688,994	800,326	2.2	2.1	631	1,269,33
ndonesia	LDC	1980	147,490	122,671	154,936	180,368	2.3	2.2	230	782.6
ran	LDC	1976	33,709	28,933	39,167	50,256	3.0	3.6	79	636,2
raq	LDC	1977	12,000	9,414	13,201	16,971	3.4	3.6	101	167,9
reland	MDC	1986	3,537	2,955	3,407	3,535	1.4	.5	130	27,1
srael	LDC	1983	3,899	2,903	3,737	4,222	2.5	1.7	528	8,0
taly	MDC	1981	56,557	53,661	56,451	57,351	.5	.2	493	116,3
vory Coast	LDC	1975	6,714	5,427	8,235	10,767	4.2	3.8	86	124,5
Jamaica	LDC	1982	2,190	1,944	2,229	2,431	1.4	1.2	573	4,2
Japan	MDC	1985	121,047	104,345	116,807	122,032	1.1	.6	849	143,7
Jordan	LDC	1979	2,100	1,503	2,152	2,750	3.6	3.5	79	35,0
Kenya	LDC	1979	15,327	11,272	16,710	22,378	3.9	4.2	99	224,9
Kiribati	LDC	1985	64	49	58	66	1.7	1.9	239	2
Kuwait	LDC	1985	1,695	748	1,370	1.864	6.1	4.4	271	6.8
aos	LDC	1985	3,585	2,830	3,292	3,766	1.5	1.9	41	91,4
ebanon	LDC	S 1970	2,126	2,383	3,266	3,321	3.2	2	830	4,0
Lesotho	LDC	1976	1,217	1,067	1,348	1,622	2.3	2.6	138	11.7
Liberia	LDC	1984	2,102	1,397	1,899	2,384	3.1	3.3	55	43,0
libya	LDC	1984	3,637	1,956	3,028	3,835	4.4	3.4	6	679,3
Liechtenstein	MDC	1980	25	21	25	27	1.7	1.1	437	0.0
Luxembourg	MDC	1981	365	339	364	366	.7	.1	367	. 9
Madagascar	LDC	1975	7,604	6,766	8,699	10,731	2.5	3.0	47	228.9
Malawi	LDC	1977	5,547	4,449	6,008	7,438	3.0	3.1	163	45,7
Malaysia	LDC	1980	13,136	10,910	13,764	16,069	2.3	2.2	125	128.4
Maldives	LDC	1977	143	115	154	196	3.0	3.4	1,703	1
dali	LDC	1976	6,395	5,525	6,985	B,423	2.3	2.7	18	478,7
Malta	MDC	1967	316	326	364	367	1.1	.1	3,033	1
Vauritania	LDC	1977	1,407	1,227	1,535	1,863	2.2	2.8	5	397,9
Mauritius	LDC	1983	1,000	830	964	1,080	1.5	1.6	1,499	7
Mexico	LDC	1980	66,847	52,775	70,111	81,859	2.8	2.2	107	761,6
Monaco	MDC	1982	27	24	27	29	1.1	1.1	28,641	101,0
Mongolia	LDC	1979	1,595	1,248	1,662	2,011	2.9	2.7	3	604,1
		2.0	/ W. S. S. L. C. T.	Table 19-12-16-7	100000		100			
Morocco	LDC	1982	20,369	15,909	20,545	24,361	2.6	2.4	141	172,4
Mozambique	LDC	1980	11,674	9,304	12,103	14,536	2.6	2.6	48	302,3
Vauru	LDC	1977	7	7	8	9	1.4	1.8	1,094	
Vepal	LDC	1981	15,023	11,919	14,988	17,814	2.3	2.5	328	54,3
Netherlands	MDC	1971	13,060	13,032	14,144	14,642	.8	.5	928	15,7
New Zealand	MDC	1986	3,308	2,811	3,113	3,314	1.0	.9	32	103,7
Nicaragua	LDC	1971	1,878	2,053	2,793	3,319	3.1	2.5	66	50,1
Niger	LDC	1977	5,098	4,100	5,563	6,989	3.1	3.3	14	489,1
Nigeria	LDC	1963	55,670	66,849	90,035	108,620	3.0	2.7	305	356,6
North Korea	LDC	(x)	(NA)	13,892	17,892	21,448	2.5	2.6	459	46,7
Norway	MDC	1980	4,091	3,877	4,086	4,179	.5	.3	33	125,1
Oman	LDC	(x)	(NA)	654	984	1,227	4.1	3.2	15	82,0
Pakistan *	LDC	1981	84,253	65,706	85,219	104,601	2.6	2.9	337	310,4
Panama	LDC	1980 1980	1,825	2,288	1,956	2,275	2.5	2.2	76	29,7
Papua New Guinea	LDC	1982	3,011		2,991	3,564	2.7	2.5 3.3	20	178,2
Paraguay	LDC	1981	3,035 17,005	13,193	3,379 17,295	4,252 20,739	3.1		27 42	157,0
Philippines	LDC	1980	48,098	38,680	50.866		2.7	2.6	530	496,2
Poland	MDC	1978	35,061	32,526	35,578	61,525 37,727	.9	.8	313	116,0
Portugal	MDC	1981	9,833	9,044	9,778	10,315	.8	.8	290	35,5
Oatar	LDC	1970	111	113	231	316	7.1	4.5	74	4,2
Romania	MDC	1977	21.560	20,253	22,201	22,937	9	.5	250	91,6
Rwanda	LDC	1978	4,832	3,877	5,281	6,811	3.1	3.6	670	10.1
		0.704	2 50.00	100	3.50		100	10.00	100000	9.50
Saint Christopher and Nevis	LDC	1980	43	46	44	55	4	3.1	542	1
Saint Lucia	LDC	1980	113	103	115	152	1.2	4.0	637	2
Saint Vincent and The	100	4000	4.0				100	7.0		
Grenadines	LDC	1980	98	88	98	106	1.1	1,2	707	1
San Marino	MDC	1976	19	19	21	23	1.1	.9	950	
Sao Tome and Principe	LDC	1981	7 013	6 100	10 150	14 780	2.4	2.7	307	920.0
Saudi Arabia	LDC	1974	7,013	6,109	10,150	14,789	5.1	5.4	18	829,9
Senegal	LDC	1976	5,069	4,318	5,738	7,064	2.8	3.0	93	75,7
Sierra Leone	LDC	1977 1985	3,516	2,789	3,316	3,868	1.7	1.0	625	27 6
Singapore	LDC	1980	2,414	2,769	2,414	2,616	1.7	1.1	10,947	27,6
Solomon Islands	LDC	1976	197	163	233	301	3.6	3.7	26	11,5
Somalia	LDC	1975	3,938	3,667	6,110	7,742	5.1	3.4	31	246,2
South Africa	LDC	1980	27,942	22,549	29,136	34,313	2.6	2.3	73	471,4
South Korea	LDC	1985	41,056	32,241	38,124	42,198	1.7	1.5	1,110	38,0
Soviet Union	MDC	1979	262,436	242,766	266,410	284,008	.9	.9	33	8,649,4
Spain	MDC	1981	37,682	33,876	37 488	39,001	1.0	.6	200	194,8
Sri Lanka	LDC	1981	14,850	12,532	37,488 14,900	16,407	1.7	1.4	648	25,3
udan	LDC	1983	20,490	13,788	18,882	23,525	3.1	3.1	24	967,4
riname	LDC	1980	352	373	355	389	5	1.3	6	63,0
aziland	LDC	1976	520	440	584	715	20	2.9	107	6,7
den	MDC	1980	8,320	8,043	8,310	8,383	2.8	1	184	173.7
zerland	MDC	1980	6,366	6,267			3	2	413	15

#### No. 1373. Population and Area, by Region and Country-Continued [See headnote, p. 795]

				MIDY	EAR POPUL	ATION EST	MATES			
COUNTRY	Develop- ment status of coun-	POPU	TEST LATION ISUS <sup>2</sup>	Nur	mber (1,000	))	Avg. a perc chan	ent	Popu- lation per sq. mile,	Area * (sq. mile)
	tries 1	Year	Number (1,000)	1970	1980	1987	1970- 1980	1980- 1987	1987	11332
***************************************	LDC	1981	9,156	6,258	8,692	11,148	3.3	3.6	156	71,498
***************************************	LDC	1978	17,513	14,038	18.804	23,502	2.9	3.2	66	363,947
	LDC	1980	17,513 44,825	37,091	18,804 46,926	23,502 53,646	2.4	1.9	270	198,772
	LDC	1981	2,705	1,964	2,596	3,229	2.8	3.1	147	22,000
	LDC	1976	90	83	93	99	1.1	.9	257	385
nd Tobago	LDC	1980	1,058	955	1,056	1,251	1.0	2.4	632	1,980
	LDC	1984	6,975	5,099	6,462	7,562	2.4	2.2	120	63,170
·	LDC	1980 1979	44,737	35,758	45,121	52,988	2.5	1.6	176 833	301,381
	LDC	1980	12,630	9.806	12,766	15,909	2.6	3.1	175	91,075
D Emirates	LDC	1980	1,042	249	1,000	1,846	13.9	8.8	57	32,278
gdom	MDC	1981	55,848	55,632	56,314	56,845	.1	.1	603	94,200
gaoni	LDC	1985	2,931	2.824	2,890	2.964	.2	.4	44	68,037
	LDC	1979	111	85	117	150	3.2	3.5	26	5,700
-	LDC	1981	14,570	10,604	15,024	18,291	3.5	2.8	52	352,143
	LDC	1979	52,742	42,432	53,624	63,585	2.3	2.4	499	127,300
many	MDC	1970	60,651	60,714	61,561	60,969	.1	1	635	95,976
Samoa	LDC	1981	158	142	155	174	.9	1.7	154	1,133
den)	LDC	1973	1,590	1,506	1,920	2,351	2.4	2.9	19	124,698
anaa)	LDC	1975	4,540	4,276	5,404	6,533	2.3	2.7	87	75,000
1	MDC	1981	22,425	20,371	22,304	23,431	.9	.7	237	98,766
	LDC	1984	29,671	20,294	26,682	32,343	2.7	2.7	36	905,563
	LDC	1980	5,680	4,247	5,629	7,282	2.8	3.7	25	290,584
	LDC	1982	7,501	5,515	7,298	9,372	2.8	3.6	62	151,000
AREAS OF AL SOVEREIGNTY DEPENDENCIES	10		9							
Samoa	LDC	1980	32	27	32	38	1.7	2.1	495	76
***************************************	LDC	1984	7	6	7	7	.7	.7	195	35
	MDC	1980	55	55	57	58	.4	1.7	2,902	20
gin Islands	LDC	1980	11	10	11	12	1.1	1.7	210	100
slands	LDC	1979 1981	17	11	18	23 18	-1.6	3.7	232 192	93
nds	MDC	1979	42	39	43	46	1.2	.9	90	517
dana	LDC	1982	73	48	68	92	3.4	4.4	3	35,100
Jana	LDC	1983	167	114	151	186	2.8	3.0	120	1,544
)	LDC	1967	354	342	453	560	2.8	3.0	3,999	140
Herman continues and the	MDC	1981	30	26	29	29	1.0	1	14,524	2
L	MDC	1976	50	46	50	54	.8	1.1	(Z) 490	840,000
08	LDC	1982	327	321	327	336	.2	.4		687
,	LDC	1980	106	86	107	127	2.1	2.5	607	209
***************************************	MDC	1981	53	53	53	53	(Z) 2.5	1	706	75
g	MDC	1981	5,021	3,959	5,063	5,592	2.5	1.4	13,671	409 227
Π		11770	65	55	63	65	1.4	1 7 7 7		
	MDC	1981	76	69	76	81	.9	.9	1,789	45
	LDC	1981	242	249	318	422	2.5	4.0	70,300	. 6
hamman	LDC	1982	327	325	326	345	(z) 3.2	.8	812	425
West of the contract of the co	LDC	1978	47	37	50	64	3.2	3.5	444	145
£	LDC	1980	12	12	12	12	.2	.4	310	39
ds Antilles	LDC	1981 1981	1,010	788 158	998 170	1,234	2.4	1.0	259	318,261
donia	LDC	1983	172	112	139	150	2.2	1.0	18	8,548
Variana Islands	LDC	1980	17	12	17	20	3.1	2.5	109	184
. Trust Terr. of		1300	"	12		20	5.1	2.0	100	10-
y Hust Terr. Of	LDC	1980	116	89	116	138	2.6	2.5	259	533
20	LDC	1980	3,197	2,716	3,206	3,331	1.7	.5	970	3,435
	LDC	1982	516	445	507	550	1.3	1.2	567	970
ma	LDC	1976	6	6	6	9	1.3	3.9	181	47
re and Miguelon	MDC	1982	6	5	6	6	.9	.6	67	93
Caicos Islands	LDC	1980	7	6	7	9	2.8	2.8	55	166
Carcos Islands	1 100	1980	97	63	96	114	4.3	2.2	857	133
nds	LDC									
nds	LDC	1976	9	9	11	14	2.2	3.6	174	80
nds	LDC			9 680 72	833 83	969 94	2.2 2.0 1.4	3.6 2.2 1.8	174 429	2,262 103,000

it available. X Not applicable. Z Less than .05 percent or .5. \*MDC=More developed country. LDC=Less is country. \*For countries in which no recent census has been taken, survey or national registry data (identified by as "S" and "R") are shown. \*Computed by the exponential method. For explanation of average annual percent see Guide to Tabular Presentation. \*Data from U.S. Central Intelligence Agency, The World Factbook Nineteen and Eighty-sic, U.S. Department of State, Status of the World's Nations, periodic; and Statistical Office of the United New York, NY, Demographic Yearbook. \*Includes Bermuda, Canada, Greenland, St. Pierre and Miquelon, and tates. \*Excludes Mayorte, an area subject to dispute over sovereignty. \*Includes the Indian-held part of Jammu and Kashmir. \*Excludes Northern Mariana Islands.

U.S. Bureau of the Ceneus, World Population Profile: 1887, forthcoming, and unpublished data.

# No. 1379. POPULATION, BIRTH RATE, AND DEATH RATE PROJECTIONS, BY REGION AND FOR SELECTED COUNTRIES: 1985 TO 2000

[Source of data presents 3 series of projections. Figures shown here are for *medium series*. For explanation of "more developed" and "less developed" categories, see text, section 31. For explanation of annual percent change, see Guide to Tabular Presentation. Minus sign (—) indicates decrease]

		POPULAT	ION (mil.)		ANN	UAL PERO	ENT	BIRTH	RATE 1	DEATH	RATE
REGION AND COUNTRY	1985	1990	1995	2000	1985- 1990	1990- 1995	1995- 2000	1985- 1990	1990- 1995	1985- 1990	1990- 1995
World, total	4.836.6	5,246,2	5,677.6	6,121.8	1.6	1.6	1.5	26.0	25.0	9,9	9.1
More developed regions Less developed regions	. 1,173.8	1,209.8 4,036.4	1,244.0 4,433.5	1,276.6 4,845.2	1.9	1.9	1.8	15.1 29.4	14.6 28.1	9.5 10.0	9.5
Africa	554.9	645.3	750.6	871.8	3.0	3.0	3.0	45.2	43.9	15.1	13.7
Eastern Africa *	166.4	195.6	230.8	272.2	3.2	3.3	3.3	49.1	48.2	16.9	15.4
Burundi	4.7	5.4	6.3	7.2	2.8	2.9	2.8	45.7	44.4	17.4	15.6
Ethiopia	43.6	50.1	57.8	66.5	2.8	2.9	2.8	49.3	48.2	22.3	20.5
Kenya	20.6	25.4	31.4	38.5	4.2	4.2	4.1	54.2	52.9	12.4	10.5
Madagascar		11.6 8.2	13.4	15.6	2.9 3.3	3.0	3.0	44.1 53.1	43.5 51.5	15.2	14.0
Malawi Mozambique	14.0	16.0	9.7	21.1	2.7	2.8	2.8	45.2	44.7	18.4	16.
Rwanda		7.2	8.5	10.1	3.4	3.4	3.4	50.7	50.0	17.2	15.7
Somalia	4.7	5.2	5.8	6.7	2.1	2.3	2.8	47.7	47.5	22.6	20.8
Uganda	15.5	18.4	22.0	26.3	3.5	3.5	3.6	50.1	49.2	15.4	13.9
Tanzania	22.5	27.0	32.5	39.1	3.7	3.7	3.7	50.3	49.6	13.9	12.6
Zambia		7.9	9.4	11.2	3.4	3.5	3.5	47.9	47.3	13.7	12.5
Zimbabwe	B.8	10.5	12.6	15.1	3.6	3.6	3.6	47.0	46.2	11,0	9.5
Middle Africa a	59.5	68.6	79.4	92.0	2.8	2.9	2.9	44.5	44.0	16.2	14.8
Angola	8.8	10.0	11.5	13.2	2.7	2.8	2.8	47.2	46.7	20.6	19.0
Central African Rep	9.9	11.4	13.1	15.2	2.8	2.9	2.9	42.5	41.9	14.5	13.2
Central African Rep	. 2.6	2.9	3.3	3.8	2.4	2.5	2.6	44.3	43.6	20.1	18.5
Chad		5.7	6.4	7.3	2.4	2.5	2.6	44.2	43.5	19.9	18.3
Northern Africa 2	29.9	34.9 139.9	40.7	47.6	3.0 2.6	3.1	3.1	44.8	32.8	14.5	13.3
Algeria	21.7	25.5	157.6 29.5	175.6 33.4	3.2	3.0	2.5	36.5 41.1	37.0	9.1	9.0
Egypt	46.9	52.5	58.2	63.9	2.3	2.0	1.9	32.8	28.9	9.8	8.3
Libya	3.6	4.3	5.2	6.1	3.7	3.5	3.3	43.9	42.3	9.4	8.1
Morocco	21.9	24.6	27.2	29.5	2.3	2.0	1.7	32.5	27.7	9.5	8.0
Sudan	21.6	24.9	28.7	32.9	2.9	2.9	2.8	44.2	42.0	15.4	13.6
Tunisia	7.1	7.9	8.7	9.4	2.2	1.9	1.7	30.4	26.6	8.7	7.6
Southern Africa 2	37.2	42.4	48.2	54.6	2.6	2.6	2.5	38.8	37.3	12.9	11.
South Africa	168.8	36.8 198.7	234.7	46.9 277.5	2.5	2.5	3.4	37.9 49.2	36.3 48.4	12.7	11.5
Western Africa 2	4.1	4.7	5.6	6.5	3.1	3.2	3.2	50.5	49.6	19.4	15.2
Burkina	6.9	7.9	9.1	10.5	2.7	2.8	2.9	47.7	46.8	18.6	17.
Ghana	13.6	16.1	19.0	22.6	3.4	3.4	3.4	46.9	46.0	13.4	12.
Guinea	6.1	6.9	7.8	8.9	2.5	2.5	2.6	46.6	45.5	21.9	20.2
tvory Coast		11.7	13.7	16.0	3.5	3.2	3.2	45.2	44.6	14.3	13.1
Mali	B.1	9.4	10.9	12.7	2.9	3.0	3.0	50.1	49.0	20.8	19.0
Niger	6.1	7.1	8.3	9,8	3.1	3.1	3.2	50.9	50.2	20.9	19.0
Nigeria	95.2	113.3	135.5	161.9	3.5	3.6	3.6	50.5	49.8	15.7	14.3
Senegal	6.4	7.4	8.5	9.8	2.7	2.B 3.1	2.8	46.4	45.7	19.4	17.
4.5. T.E. 3. 1		1.77		7.0	3.1	1416	3.1	-		14.4	100
Latin America	404.8	451.1	498.6	546.4	2.2	2.0	1.8	29.7	27.5	7.6	7.1
Caribbean 3	32.0	34.8	37.8	41.0	1.7	1.7	1.6	26.8 18.2	25.7	8.0 6.7	6.5
Dominican Republic	6.2	7.0	11.2	11.7	1.0	2.0	1.0	30.9	28.0	7.1	6.5
Haiti		7.5	8.6	9.9	2.6	2.7	2.8	40.8	40.1	12.8	11.5
Central America 2	105.1	119.2	133.9	149.1	2.5	2.3	2.1	32.8	30.2	6.7	6.1
El Salvador	5.6	6.5	7.5	8.7	3.1	3.0	2.9	37.9	35.9	7.0	6.0
Guatemala	8.0	9.2	10.6	12.2	2.9	2.9	2.8	40.8	38.7	8.9	7.7
Honduras	4.4	5.1	6.0	7.0	3.1	3.1	3.2	39.4	37.9	8.4	7.2
Mexico		89.0	99.2	109.2	2.4 3.4	2.2	1.9	31.2	28.4	6.5 8.0	6.0
Temperate South America 2	45.6	49.0	52.2	55.4	1.4	3.2	1.2	41.8 22.6	21.0	8.0	8.
Argentina	30.6	32.9	35.1	37.2	1.5	1.3	1.2	23.2	21.4	8.6	8.5
Chile	12.0	13.0	13.9	14.8	1.5	1.4	1.2	22.0	20.7	6.6	6.6
Uruguay	3.0	3.1	3.2	3.4	.8	.7	.7	18,9	18.2	10.2	10.3
Tropical South America 2	. 222.1	248.1	274.6	301.0	2.2	2.0	1.8	30.1	27.7	7.9	7.4
Bolivia	6.4	7.3	8.4	9.7	2.8	2.8	2.9	42.8	41.3	14.1	12.2
Brazil	135.6	150.4	165.1	179.5	2.1	1.9	1.7	28.6	26.1	7.9	7.5
Colombia	28.7	31.8	34.9	38.0	2.1	1.9	1.7	29.2	26.7	7.4	7.1
Ecuador		10.8	12.3	13.9	2.8	2.7	2.5	35.4	33.6	7.6	7.0
Paraguay		22.3	4.8 25.1	28.0	2.5	2.6	2.3	34.3	31.9	6.8 9.2	7.7
Venezuela	17.3	19.7	22.2	20.0	6.3	6.4	2.1	. 34.3	1 01.2	9.2	F

See footnotes at end of table.

# No. 1379. POPULATION, BIRTH RATE, AND DEATH RATE PROJECTIONS, BY REGION AND FOR SELECTED COUNTRIES: 1965 TO 2000—Continued

[See headnote p. 796]

		POPUL	LATION		ANN	UAL PERC	ENT	BIRTH	RATE 1	DEATH	RATE I
REGION AND COUNTRY	1985	1990	1995	2000	1985- 1990	1990- 1995	1995- 2000	1985- 1990	1990- 1995	1985- 1990	1990- 1995
Northern America *	263.6	275.3	286.7	297.3	.9	.8	.7	15.6	15.1	8.9	8.9
Canada	25.4 238.0	26.7 248.4	27.9 258.7	28.9 268.2	1.0	.9	.7	14.9 15.7	13.9 15.2	7.6 9.0	9.0
East Asia <sup>3</sup>	1,249.8	1,324.1	1,399.5	1,475.0	1.2	1,1	1.1	18.2	17.8	6.6	6.7
China: Mainland	1,059.5	1,123.8	1,189.6	1,255.9	1.2	1.1	1.1	18.4	18.0	6.6	6.7
Hong Kong	5.5 120.7	123.9	6.5 126.8	129.7	1.7	1.4	1.0	16.5	15.3	5.9	6.5
Japan	20.4	22.9	25.5	28.2	2.4	2.2	2.0	12.3	12.6 26.5	7.2 5.4	5.0
North Korea South Korea	41.3	44.8	48.1	51.0	1.7	1.4	1.2	23.2	20.2	5.9	5.8
South Asia	1,568.5	1,733.5	1,904.6	2,074.0	2.0	1.9	1.7	31.1	28.8	11.1	10.0
Burma	399.6 37.2	439.1 40.8	479.9 44.7	519.5 48.5	1,9	1.8	1.6	28.7	26.7	9.7	8.8
Cambodia	7.3	8.2	9.1	9.8	2.5	2.0	1.4	41.4	34.2	16.6	14.3
Cambodia	166.4	181.5	196.9	211.4	1.7	1.6	1.4	28.6	26.4	11.3	10.2
Laos Malaysia	4.1	4.6	5.2	5.8	2.4	2.3	2.1	38.1	35.2	13.9	12.3
Malaysia	15.6	17.3	19.0	20.5	2.1	1.9	1.5	27.1	24.0	5.9	5.4
Philippines	54.5 2.6	61.0	67.6 2.8	74.1	2.3	2.1	1.8	30.8 16.5	28.3 15.4	7.6 5.6	7.1
Singapore Thailand	51.4	55.7	60.5	65.5	1.6	1.7	1.6	23.5	23.7	7.4	7.2
Vietnam	59.7	66.2	73.1	79.9	2.1	2.0	1.8	29.6	28.2	9.2	8.3
Vietnam	1,055.9	1,164.6	1,276.6	1,386.9	2.0	1.8	1.7	31.5	29.1	11.9	10.7
Afghanistan	16.5	21.0	23.5	26.0	4.8	2.2	2.1	47.5	44.9	23.9	22.9
Bangladesh	101.1	115.2	130.3	145.8	2.6	2.5	2.2	41.7	38.4	15.6	13.9
Iran	758.9	827.2 51.3	896.7 58.2	964.1 65.2	1.7	1.6	1.5	28.1	25.9	10.9	9.8
Nepal	44.6 16.5	18.5	20.7	23.0	2.8	2.5	2.3	38.5	34.6 37.8	10.8	15.2
Pakistan	100.4	112.2	126.7	141.0	2.2	2.4	2.1	40.4	36.3	13.8	12.0
Sri Lanka Western South Asia 2	16.2	17.5	18.6	19.6	1.5	1.2	1.1	24.2	20.5	6.1	5.9
Western South Asia 2	112.9	129.8	148.1	167.6	2.8	2.6	2.5	35.5	33.4	8.5	7.4
Iraq	15.9	18.8	21.9	25.4	3.3	3.1	2.9	40.8	37.7	7.7	6.5
Jordan	4.3 3.5	4.6	5.0	5.3 6.4	4.0	1.5	1.3	21.3	20.3	7.1	6.8
Lebanon	2.7	3.0	5.3 3.3	3.6	2.1	2.1	1.9	46.4 28.9	27.6	6.6 7.7	5.5
Saudi Arabia	11.5	14.0	16.7	19.8	3.8	3.6	3.4	40.6	39.2	7.4	6.3
Syria	10.5	12.6	15.1	17.8	3.7	3.6	3.3	45.4	42.3	7.0	5.7
Turkey Yemen (Sanaa)	49.3 6.8	54.6 7.9	9.3	65.4 10.9	2.1	1.9	1.7	29.2 47.4	26.4 46.5	16.4	7.5
Europe (excl. Soviet Union)		1 2000	100	3.00		1 3	15.3		1000	1000	100
Eastern Europe	491.9 112.3	498.6 115.0	505.7 117.5	512.5 120.4	.3	.3	.5	13.5 15.4	13.4	10.8	10.6
Rulgaria	9.1	9.2	9.4	9.5	.5	.3	.5	14.9	14.2	11.0	11.1
Bulgaria Czechoslovakia	15.6	15.8	16.2	16.6	.4	.4	.5 .2 .1	14.6	14.7	11.4	10.7
East Germany	16.8	16.9	17.0	17.1	.2	.1	.2	14.2	12.9	12.8	11.6
Hungary	10.7	10.7	10.7	10.7	1	(z) .6	.1	12.1	12.4	12.8	12.3
Potand	37.2 23.0	38.5 23.8	39.7	40.8 25.6	.7	.6	.6	16.4 16.9	14.9	9.4	9.1
Northern Europe 2	82.7	83.1	83.5	83.7	1	.7	1	12.9	12.8	11.9	11.8
Denmark	5.1	5.1	5.1	5.1	(-z)	1	1	10.9	10.6	11.5	11.7
Finland	4.9	5.0	5.0	5.1	(-z) .3 1.3	2		12.6	11.9	10.2	10.3
Ireland	3.6	3.6	4.1	4.3	1.3	1.2	1.1	21.4	20.4	8.8	8.2
Norway	8.4	4.2	4.2	4.2	.2	.1	-1	11.7	11.4	11.0	11.2
Sweden	56.1	8.3 56.2	8.2 56.3	8.2 56.4	1 (z)	2 (z)	2 (z)	10.1	10.1	11.9	12.3
United Kingdom Southern Europe  Albania Greece	142.6	145.7	149.1	152.4	4	.5	127	14.0	14.4	9.7	9.6
Albania	3.1	3.4	3.8	4.1	2.1	2.1	1.8	26.5	26.1	5.4	5.3
Greece	9.9	10.1	10.3	10.4	.4	4 2		14.4	14.1	10.3	10.5
Italy,	57.3	57.6	58.1	58.6		.2	.2	11.6	12.7	10.7	10.8
Portugal	10.2 38.5	10.5	10.9	11.2	.6	.7	.6	16.6	16.1	9.4 8.9	9.2
Vincelavia	23.2	39.7	41.0 24.6	42.2 25.2	.6	.6	.3 .6 .6	15.1	14.6	8.9	8.9
Western Furgoe *	154.2	154.8	155.6	156.0	.1	.1	.1	12.0	11.9	11.3	11.0
Yugoslavia Western Europe <sup>a</sup> Austria Belgium	7.5	7.5	7.5	7.5	(z)	(2)	-	12.4	12.2	12.3	11.5
Belgium	9.9	9.9	10.0	10.0	.1	(z) (z)	- 31	12.2	11.5	11.7	11.5
France.	54.6	55.5	56.3	57.2	.3	.3	.3	13.7	13.1	10.6	10.0
Netherlands	14.5	14.7	15.0	15.1	.3	, 3	.2	11.7	11.4	10.4	10.7
Switzerland West Germany	60.9	60.3	60.3	6.3 59.5	(z) 2	(-z) 1	1	10.6	11.0	12.4	12.2
Soviet Union	278.6	291.8	303.5	314.7	.9	.8	.7	18.3	16.8	9.1	8.9
Oceania <sup>2</sup>	24.6	26.5	28.3	30.1	1.4	1.3	1.2	20.0	19.2	8.2	8.2
Australia	15.7	16.7	17.7	18.6	1.3	1.2	1.0	15.6	15.0	7.7	7.9
New Zealand Papua New Guinea	3.3	3.5	3.6	3.7	2.4	2.3	2.2	15.6 35.9	15.4	12.1	11.2
					. 24	23	22	355.0			

Represents zero. Z Less than .05 percent. Per 1,000 population. Includes countries not shown separately.

Source: Population Division of the United Nations, New York, NY, World Population Prospects as Assessed in 1984, 1988.

# No. 1380. Urban Population; Growth, Birth, and Death Rates; Life Expectancy; and Infant Mortality—Selected Countries

[Covers countries with 10 million or more population in 1967. Growth rate: Annual increase (or decrease) to the population resulting from a surplus or defloit of births over deaths and a surplus or defloit of migrants into or out of the country, expressed as a percentage of the base population. Crude birth rate: Number of births during 1 year per 1,000 persons (based on midyear population). Crude death rate: Number of deaths during 1 year per 1,000 persons (based on midyear population). Minus sign (—) indicates decrease. Infant mortality rate: Number of deaths of children under 1 year of age per 1,000 live births in a calender year)

		BAN ATION	Growth			EXPEC AT	TATION O	F LIPE 106	
COUNTRY	Year or period	Per- cent of total popu- lation	rate of popula- tion, 1960 (per- cent)	Crude birth rate, 1980	Crude death rate, 1933	Both sexes (yr.)	Male (yr.)	Fe- male (yr.)	Interior mortal ty rate 1980
Inited States	1980	74	.9	16	9	75	71	79	1
Ighanistan	1979	15	1.1	45	22	41	42	40	18
igeriargentinaustralia	1977 1980 1981	83 86	3.1 1.3 1.2	40 21 18	9	63 70 76	61 67 73	64 74 79	•
angledesh	1981	15	2.7	43	16	50	51		13
rezi	1980	66	2.5	32	7	86	64	40 80	
urma	1983 1976	24 29	2.1 2.7	34 43	14 17	53 49	52 47	55 50	10 13
anada	1961	76	ë.	15	7	77	73	81	١,
7 Me	1982	81	1.6	22	6	71	67	75	2
hine:	1000			21	-		1		_
Meinland Talwan	1982 1982	21 67	1.4	18	7 5	68 73	67 71	<b>80</b> 76	3
olombia	1973	64	2.1	28	5 7	65	63	67	5
ube	1961	-	.9	17	7	73	72	74	
zechoslovakia	1983	74	.3 1	14	12	71	66	75	1
ast Germany	1963 1976	77	2.8	14 39	11	73 58 50	<b>80</b> 56	75 59	1 10
gypt thiopia	1964	11	3.9	46	15	50	49 71	51	12
rance	1975	73	.4	14	10	75		79	
hena	1970	29	2.9	42	11	58	56 65 55 56 57	60	7 2 9
lungary	1984	56 23 22	2 2.1	12 32	14	69 56 57	55	73 57	2
idonesia	1981 1960	22	2.1	31	10	57	56	59	i
n	1976	47	3.3	45	13	57	57	57	11
<b>ag</b>	1977	. 64	3.6	45	10	62	61	62	•
alýory Coast	1975	(NA) 32 76	.2 3.8	11 46	10 14	76 52	73	<b>80</b> 54	10
80ên	1960	76	.5	12	'7	78	50 75	80	
enya	1979	13	4.2	52	10	60	56	62	7
ledegescer	1975	16	3.1	47	16	50	49	52	10
laleysia lexico	1960 1960	43 66	2.1 2.0	28	7 6	68 69	64 68	69 72	3
lorocco	1982	43	2.5	29 36	10	82	80	63	;
lozambique	1980	15	2.5	47	19	45	43	46	15
lepal	1971	4	2.4	41	17	49	49	48	10
letherlands	1981 1963	88 16	.5 2.9	12 48	8 18	77 47	73	80 48	
lgerialorth Korea			2.9	31	18	89	46 86	72	12
akistan	1981	(NA) 28	2.8	43	15	53	53	54	12
eru	1961	65	2.6	36	10	61	59	63	
hilloninee	1980	37	2.7	36	7	65 [	62	66	i 8
olandortugal	1984 1961	80 30	.7	18	10	70	68 70 67	74	2
omenia	1983	30 52	.8 .5	14 16	10	74 70	67	73	į
audi Arabia	(x)	(NA)	4.8	39	8	63	62	64	
outh Africa	(x) 1980	(NA) 53	2.3	32	10	60	57	64 72	0
outh Koreaoviet Union	1990 1984	57 65	1.4 .9	21 20 13	11	80 68	65 63	72 73	ž
pein	1961	91	.5	13	6	77	74	60	1
ri Lanka	1981	22	1.3	23	6	70	68	72	3 10
uden	1983	20	1.7	45	15	52	50 88	54 67	10
yrie	1981 1976	47 14	3.7 3.3	44 50 25	17	67 50	46	67 52	11
helland	1980	17	1.8	25	ä	64	61	67	5
urkey	1980	44	2.2	32	9	63	61	64	10 10 4
gende	1969	8	4.1	49	16	49 75		64 50	10
nited Kingdomsnezuele	1981 1982	90 77	.2 2.7	13 32	12	75	46 72 68 60	78 72	1
istnem	1979	19	2.5	34	9	80 62	80	64	5
lest Germany	1981	85		10	12	76	72	78	
uccelevia	1981	47	(Z) .7	16	9	71	88 1	74	2
<b></b>	1970	22	2.9	45	15	51	50	53	11

NA Not available. X Not applicable. Z Less than .05 percent.

Source: U.S. Bureau of the Ceneus, unpublished data from International Data Base.

# IO. 1381. POPULATION OF THE WORLD'S 100 LARGEST URBAN AREAS, 1980 TO 1985, AND PROJECTIONS, 1990 AND 2000

time. The 100 largest cities are large urban agglomerations, composed, in most cases, of the central city, adjacent smaller and towns, and suburbs. City boundaries depend on local administrative boundaries, population densities, types of mic activity and other characteristics. Rankings depend on the population living within the urban agglomeration boundaries iermined by local and national governments. Rankings would not necessarily be the same if uniform criteria were used, stimates for the Chinese cities should be considered tentative]

CITIES RANKED BY POPULATION SIZE, 1985	1960	1965	1970	1975	1980	1985	1990, proj.	2000, proj.
okohama, Japan	10.7	12.6	14.9	16.4	17.7	18.8	19.3	20.2
Dity, Mesico	5.2	6.9	9.1	11.6	14.5	17.3	20.3	25.8
Io, Brazil	4.8	6.4	8.2	10.3	12.8	15.9	18.8	24.0
k, U.S.	14.2	15.4	16.3	15.9	15.6	15.6	15.7	15.8
i, China: Mainland	10.7	10.8	11.4	11.6	11.8	12.0	12.4	14.3
India Aires, Argentina aneiro, Brazil United Kingdom uoth Korea	5.6	6.3	7.1	8.3	9.5	11.0	12.5	16.5
	6.9	7.7	8.6	9.3	10.1	10.9	11.7	13.2
	5.1	6.1	7.2	8.2	9.2	10.4	11.4	13.3
	10.7	10.8	10.6	10.3	10.3	10.4	10.4	10.5
	2.4	3.5	5.4	7.0	8.5	10.3	11.7	13.8
Bombay, India	4.2	5.0	6.0	7.2	8.5	10.1	11.8	16.0
	.6.6	7.5	8.4	9.0	9.5	10.1	10.5	11.0
	5.8	6.7	7.6	8.0	8.7	9.5	9.8	10.5
	7.3	7.6	8.3	8.9	9.1	9.3	9.6	11.2
	6.3	6.8	7.1	7.6	8.2	9.0	9.5	10.4
ance Indonesia China: Mainland za, Egypt	7.2 2.8 6.0 4.5 1.8	8.0 3.5 6.3 5.1 2.5	8.3 4.5 6.9 5.7 3.3	8.6 5.5 7.4 6.3 4.4	8.7 6.7 7.7 6.9 5.8	8.7 7.9 7.9 7.7 7.5	8.7 9.5 8.3 8.6 9.4	8.7 13.3 9.7 11.1 13.6
dia	2.3	2.9	3.6	4.6	5.9	7.4	9.1	13.2
	4.5	5.0	5.5	6.2	6.7	7.2	7.5	8.2
	2.3	2.9	3.6	5.0	6.0	7.0	6.3	11.1
	6.0	6.4	6.8	6.8	6.8	6.8	6.9	7.0
	1.8	2.4	3.1	4.0	5.2	6.7	8.2	12.0
Thailand	2.2	2.7	3.3	4.1	5.0	6.1	7.4	10.7
	1.8	2.3	2.9	3.7	4.6	5.7	6.8	9.1
	1.7	2.3	3.1	3.8	4.4	5.2	6.0	8.2
	2.7	3.3	3.5	4.0	4.6	5.1	5.6	6.4
	3.5	3.8	4.0	4.3	4.7	5.1	5.4	5.9
Sangladesh Spain Colombia I, Iraq Shan Shan Shan Shan Shan Shan Shan Shan	.7	1.0	1.5	2.4	3.4	4.9	6.5	11.2
	2.2	2.7	3.4	3.8	4.3	4.7	5.0	5.4
	1.3	1.8	2.4	3.0	3.7	4.5	5.3	6.5
	1.0	1.6	2.1	2.7	3.6	4.4	5.3	7.4
	3.7	3.9	4.1	4.1	4.1	4.2	4.2	4.4
, Chile Italy South Koree g, China: Mainland	2.1	2.6	3.0	3.4	3.7	4.2	4.6	5.3
	3.2	3.4	3.6	3.8	4.0	4.1	4.2	4.3
	1.2	1.4	1.9	2.5	3.2	4.1	4.9	6.2
	2.5	2.8	3.1	3.5	3.8	4.1	4.4	5.4
	1.2	1.4	1.7	2.2	3.0	4.0	5.1	8.0
J.S. Australia Venezuela Pakistan	3.6	3.8	4.0	3.9	3.8	3.8	3.9	4.0
	2.1	2.4	2.7	3.0	3.4	3.8	3.9	4.2
	1.3	1.7	2.1	2.6	3.2	3.7	4.2	5.0
	1.2	1.6	2.0	2.4	3.0	3.7	4.4	6.2
	2.3	2.7	3.1	3.4	3.6	3.7	3.8	3.9
ligeria China: Mainland Iou, China: Mainland Indisco, U.S.	.7	1.0	1.4	2.1	2.8	3.7	4.8	8.3
	22	2.4	2.7	3.0	3.2	3.4	3.6	4.4
	1.9	2.2	2.5	2.8	3.1	3.3	3.6	4.4
	25	2.8	3.0	3.1	3.2	3.3	3.4	3.6
	24	2.6	2.8	2.9	3.1	3.3	3.5	3.8
rizonte, Brazil Spain	1.9 1.8 1.9 1.2	1.2 2.3 2.1 2.1 1.5	1.6 2.7 2.6 2.3 1.7	2.1 2.9 2.8 2.6 2.1	2.6 3.1 3.0 2.9 2.6	3.3 3.2 3.2 3.2 3.1	3.9 3.2 3.3 3.2 3.8	5.1 3.4 3.6 3.4 5.3
ad, India Turkey Ia, Egypt. ton, DC, U.S. Turkey	1.3 1.5 1.5 1.6 .6	1.5 2.0 1.8 2.2	1.8 2.8 2.0 2.5 1.3	2.2 2.9 2.3 2.6 1.7	2.6 2.9 2.6 2.8 2.2	3.1 2.9 2.9 2.9 2.9	3.7 3.0 3.4 3.0 3.6	5.1 3.3 4.4 3.2 5.2
am, United Kingdom, Canada, U.S,	2.7	2.8	2.8	2.8	2.9	2.9	2.9	2.9
	2.0	2.4	2.7	2.8	2.8	2.8	2.9	2.9
	1.2	1.4	1.7	2.0	2.4	2.8	3.2	3.7
	.9	1.2	1.6	2.0	2.4	2.8	3.2	4.1
	1.0	1.3	1.6	1.9	2.3	2.7	3.2	4.0

#### Comparative International Statistics

No. 1381. POPULATION OF THE WORLD'S 100 LARGEST URBAN AREAS: 1985—Continued
[See headnote, p. 801]

сту	1985	1965	1970	1975	1900	1905	1990, proj.	2000, proj.
Recife, Brazil. Rangoon, Burma. Boston, U.S. Chongging, China: Meinland. Casablianca, Morocco	1.0	1.5 1.2 2.6 2.3 1.3	1.8 1.4 2.7 2.5 1.5	2.1 1.8 2.7 2.6 1.9	2.4 2.2 2.7 2.6 2.2	2.7 2.7 2.7 2.7 2.7	3.0 3.2 2.7 2.6 3.2	3.7 4.3 2.8 3.3 4.5
Kinshesa, Zaire Dalles, U.S Athens, Greece Chengdu, China: Mainland Algiers, Algeria	.5 1.2 1.8 1.1 .9	.8 1.6 2.0 1.3	1.2 2.0 2.1 1.6 1.2	1.6 2.2 2.3 2.0 1.6	2.2 2.5 2.5 2.3 2.1	2.7 2.7 2.7 2.7 2.7	3.3 2.9 2.8 3.0 3.4	5.0 3.1 3.0 3.9 5.1
Ho Chi Minh Village, Vietnam	1.2 1.6 1.3	1.9 1.4 1.7 1.4 1.1	2.3 1.7 2.0 1.6 1.3	2.4 1.9 2.2 2.3 1.7	2.5 2.2 2.4 2.4 2.1	2.6 2.6 2.6 2.6 2.5	2.9 2.9 2.8 2.7 3.0	3.8 3.4 3.5 3.0 4.0
Manchester, United Kingdom Talbei, China: Talwan Zibo, China: Maniland Surabaja, Indonesia. Turin, Italy	2.5 1.0 .8 1.0 1.3	2.6 1.2 1.0 1.2 1.4	2.5 1.5 1.3 1.5 1.6	2.5 1.8 1.7 1.8 1.8	2.5 2.2 2.0 2.1 2.1	2.5 2.5 2.4 2.4 2.3	2.5 2.8 2.9 2.7 2.4	2.5 3.7 3.7 3.7 2.6
Xian, China: Mainland Salvador, Brazil Bucharest, Romania. Lupenshui, China: Mainland Hamburg, West Germany.	1.3 .7 1.4 1.2 2.1	1.5 .9 1.5 1.4 2.2	1.7 1.2 1.7 1.7 2.2	2.0 1.5 1.9 1.9 2.2	2.1 1.8 2.1 2.0 2.2	2.3 2.2 2.2 2.2 2.2	24 27 24 24 22	3.0 3.5 2.6 2.9 2.2
Nanjing, Chins: Mainland	.7 1.0 1.3	1.6 .9 1.2 1.5	1.8 1.1 1.4 1.7	1.9 1.4 1.6 1.9	2.0 1.7 1.9 2.0 1.4	2.1 2.1 2.1 2.1 2.1	2.3 2.6 2.4 2.2 3.0	2.8 3.7 2.7 2.2 5.4
Kitakyushu, Japan	1.3	1.5 1.9 2.2 1.1 1.7	1.6 2.0 2.1 1.3 1.9	1.7 2.1 2.0 1.5 1.9	1.9 2.1 2.0 1.8 2.0	2.1 2.1 2.0 2.0 2.0	2.1 2.1 2.0 2.4 2.0	2.2 2.1 2.0 3.2 2.0

Source: United Nations, Dept. for International Economic and Social Affairs, New York, NY, The Prospects of World Urbanization: Revised as of 1984-1985, forthcoming.

#### No. 1382. DEATH RATES BY SELECTED CAUSES—SELECTED COUNTRIES

[Age-etandardized death rate per 100,000 population. For explanation of age-adjustment, see text, section 2. The standard population for this table is the European standard; see source for details. Deaths classified according to ninth revision of infernational Classification of Diseases; see text, section 2]

		lache-		MALK	NANT NE	OPLASM	Bronchi-	Chron- ic liver	Motor	
COUNTRY	Year	mic heart de-	Cerebro- vascular cliesase	Lung, tra- chea, bron- chus	Stom- ach	Female breast <sup>1</sup>	tis, <sup>2</sup> emphy- sema, aethma	de- ease and cirrho- sis	vehi- cle traffic acci- denta	Sui- cide
United States	1963	229.8	62.8	52.0	6.1	31.3	8.6	13.2	17.5	12
Australia	1965	225.7 160.1	93.4 137.2	39.4 34.8	9.8 21.6	29.0 31.7	15.4 26.9	6.5 26.7	16.8 18.4	11. 28
Belgium	1984	120.6	95.0	55.9	14.7	36.8	22.6	12.4	16.7	22
Bulgaria Canada	1984	215.5 208.2	240.7 59.5	31.6 50.9	25.7 9.3	20.9 33.5	25.9 9.6	14.4	12.5 14.9	16. 13.
Czechoslovakia	1964	289.9	196.9	51.5	24.6	26.4	34.6	20.8	10.2	10.
Denmark	1964	247.1	73.6	52.5	11.5	39.0	32.0	11.9	12.2	24
Finland	1984	264.4	103.0	39.0	19.1	22.9	19.1	6.7	10.3	24
France Hungary	1984	74.4 237.6	79.8 197.9	31.7	11.6	27.4	10.3	24.7	19.2	21.
italy		119.8	114.1	50.6 39.1	26.1 23.8	31.3 27.4	45.9 26.4	42.3 31.5	16.7 17.4	43
Jepan	1985	45.0	123.6	25.0	42.9	7.9	13.1	15.0	10.5	19
Netherlands	1964	163.5	75.6	56.5	16.1	36.6	17.7	5.6	10.6	12
New Zeeland		251.5	98.3	45.3	11.3	34.3	24.3	4.5	19.5	12
Norway Poland		201.3	92.2 70.6	25.1	15.4	25.6 21.2	17.7	5.8	9.8	14.
Portugal	1985	81.5	234.9	45.3 18.4	26.1 26.2	23.1	34.2 21.3	13.0 31.1	15.1 25.5	14.
=	1	242.5			11.8			7.2		
Sweden Switzerland		114.3	72.3 66.0	23.5 36.7	12.8	26.3 37.5	12.9 17.9	11.0	13.1	16.
United Kingdom:	1	1	00.0			57.5	17.5	''-		-
England and Wales		243.3	104.3	57.7	16.0	41.9	23.6	4.3	9.2	8.
Scotland		298.0	129.1	71.3	16.2	36.9	17.6	8.2	11.0	11.
West Germany	1985	167.0	104.5	34.6	18.8	31.9	26.9	20.7	11.8	16.

<sup>&</sup>lt;sup>1</sup> Date for female population only. <sup>2</sup> Chronic and unapscilled.

Source: World Health Organization, Geneva, Switzerland, World Health Statistics, annual.

#### NO. 1383. SUICIDE RATES FOR SELECTED COUNTRIES, BY SEX AND AGE GROUP

P per 100,000 population, includes deaths resulting indirectly from self-inflicted injuries. Except as noted, deaths classified according to the ninth revision of the *International Classification of Diseases* (I.C.D.); see text, section 2]

ND AGE	United States, 1963	Aus- trafia, 1964	Aus- tria, 1985	Cana- da, 1984	Den- merk, <sup>1</sup> 1984	France, 1994	Italy, 1961	Japan, 1985	Nether- lends, 1984	Po- lend, 1984	Swe- den, <sup>1</sup> 1984	Unit- ed King- dom, <sup>2</sup> 1984	West Ger- meny, 1985
ALE													
d 3	19.2	16.9	40.9	21.4	36.5	32.2	8.8	26.0	15.2	23.6	27.4	11.8	29.4
yrs. old	18.8	18.8	31.9	26.9	16.1	16.3	5.0	13.0	7.0	18.2	16.4	7.5	19.8
yrs. old	25.4	23.9	42.5	27.8	37.7	33.6	8.3	23.4	18.6	36.3	36.5	14.0	29.5
yrs. old	22.7	20.1	53.6	25.3	53.2	36.7	6.9	30.5	19.0	37.0	36.5	16.5	31.8
yrs. old	23.7	22.7	56.3	28.6	57.1	43.8	14.0	49.6	22.5	39.0	42.2	18.2	40.3
yrs. old	25.7	24.3	53.9	26.8	65.5	46.1	16.3	41.4	23.7	31.2	30.5	16.8	36.2
yrs. old	31.7	24.7	71.9	25.1	48.8	64.9	24.9	42.6	28.6	29.1	37.9	17.0	50.2
old and													
•••••	50.7	30.4	95.3	33.0	67.3	116.7	36.4	74.8	42.7	29.7	47.5	22.5	79.4
WALE			l	1	İ			l			ļ		l
d 3	5.4	5.2	15.7	6.1	21.0	12.4	4.0	13.1	9.6	4.9	11.8	5.7	12.7
yrs. old	4.2	4.4	7.9	4.3	4.1	4.5	1.7	5.9	3.7	3.8	6.2	6.1	5.3
yrs. old	6.6	6.5	10.2	7.0	12.9	11.5	3.1	9.8	10.1	5.7	15.3	3.8	8.9
yrs. old	7.9	6.7	20.5	9.2	28.3	13.9	4.3	11.9	11.1	6.6	15.3	6.4	12.2
yrs. old	8.9	10.6	19.1	10.5	41.1	17.6	5.2	17.3	14.8	8.3	20.1	9.8	16.5
yrs. old	8.3	8.2	22.4	10.7	38.1	18.4	7.8	18.6	17.3	8.0	15.0	10.7	16.3
yrs. old	7.3	6.5	31.0	8.4	37.7	25.3	9.5	29.7	21.2	7.5	17.9	10.6	24.7
old and								1	1		l		l
•••••	6.1	5.7	32.2	5.8	32.2	28.8	7.7	54.3	14.6	6.4	11.7	10.0	24.6

sed on the eighth revision of the I.C.D. \* England and Wales only. \* Includes other age groups not shown separately. cs: World Health Organization, Geneve, Switzerland, World Health Statistics, annual; and unpublished data.

1384. SELECTED MEASURES OF HOSPITAL AND PHYSICIAN UTILIZATION—SELECTED COUNTRIES: 1983

COUNTRY	Inpatient beds per 1,000 popula- tion	Hospital admis- sion rates <sup>1</sup>	Inpatient days per capita	Average length of stay *	Hospital occu- pancy rates **	Average physicien viets per capita
States	4 5.9	4 17.0	4 1.7	4 9.9	4 78.6	44.6
1	10.8 9.5 8.9	* 21.0 20.7 * 13.9 * 14.7 * 19.2	* 3.2 3.4 * 2.8 * 2.1 * 2.2	* 7.4 16.3 * 13.5 * 13.3 * 11.9	4 79.5 86.6 4 81.6 83.3 78.6	* 6.4 (NA) * 7.1 * 5.5 * 8.4
<u>}</u>	* 15.5 11.6 * 6.2 * 11.1 * 9.7	20.9 11.8 • 11.9 • 20.2 • 17.6	4,8 3.1 1.6 4 3.9 • 1.6	* 22.2 14.1 * 13.0 * 18.0 * 9.0	64.7 73.2 471.2 497.0 60.1	3.4 4.7 • 5.3 • 4.9 • 6.0
bourg	12.1 13.0 12.0 9.9	15.4 6.7 18.1 11.8 15.7 14.9	2.2 3.7 3.7 4.0 2.7 • 2.0	12.0 55.1 21.0 • 34.1 12.4 • 13.0	78.1 83.8 78.4 91.5 74.8 4 77.5	*8.3 *14.2 (MA) *3.2 *3.8 4.5
n	4 5.4 14.0 11.5 4 8.1	9.6 4 9.2 19.2 4 12.8 4 12.7 4 18.1	4 1.4 4 1.3 4.8 9 3.1 4 2.4 9 3.4	4 14.4 4 14.6 22.7 4 25.4 4 18.6 9 18.7	4 74.5 4 86.0 94.0 4 73.7 4 81.4 6 84.1	*3.8 *4.7 2.7 *5.6 4.2 (NA)

Not available. 

Number of persons admitted as percent of population.

Number of inpatient days per inpatient for.

Inpatient days per capita multiplied by population divided by (365 multiplied by number of bade).

4 1961 data.

10 data.

te: Organization for Economic Cooperation and Development, Paris, France, Financing and Delivering Health Care, 1987, sesuring Health Care, 1980–1983, 1985.

NO. 1385. HEALTH EXPENDITURES AND EMPLOYMENT—SELECTED COUNTRIES: 1980 AND 1984 [G.D.P.—gross domestic product; for explanation, see text, section 14. For explanation of purchasing power parties, see text, section 31]

	1	OTAL	HEALTH E	XPENDITU	RES		PUBLIC H	EALTH EX	PENDITUR	ES, 1984		Health
	Perce G.E		Per cap	ita, 1980 of—	on basis	Per- cent	Lack		Percent	distribution		employ- ment as
COUNTRY	1980	1984	Ex- change rates	G.D.P. pur- chasing power parities	Health pur- chasing power parities	of gross do- mestic prod- uct	Percent of total health expendi- tures <sup>1</sup>	Institu- tional care	Ambu- latory care	Pharma- ceutical	Other	percent of total employ- ment, 1984
United States	9.5	10.7	\$1,087 (NA)	\$1,087 (NA)	\$809 (NA)	4.4	41.4 84.5	62.4	15.1	1.5	21.0	253
Austria	7.0	7.2	718	603	828	4.4	60.9	2 25.3	20.3	9.9	2 44.7	1 5.4
Belgium	6.1	6.2	747	596	675	5.7	91.6	4 21.0	4 37.7	* 11.8	1 29.5	*45
Canada	7.3	8.4	787	853	663	6.2	74.4	59.3	121.2	12.7	111.5	*4.8
Denmark	6.8	6.3	879	667	665	5.3	83.4	73.9	22.0	* 4.8	11.5	148
Finland	6.3	6.6	677	559	853	5.4	78.8	2 55.2	2 28.1	5.9	≥ 10.7	* 5.9
France	8.5	9.1	1.036	837	941	6.5	71.2	59.5	1 22 9	13.1	47.9	144
Greece	4.2	4.6	175	211	289	3.6	79.3	1 49.5	1 13.4	* 14.8	\$ 22.3	421
celand	6.9	7.9	(NA)	(NA)	(NA)	6.5	82.7	(NA)	(NA)	(NA)	(NA)	DNA
Ireland	8.5	8.0	480	510	509	6.9	86.9	1 73.4	2 11.5	97.0	*97	* 5.2
taly	6.8	7.2	479	541	636	6.1	84.1	55.3	* 27.8	13.0	1 4.6	126
Japan	6.4	6.6	569	537	832	4.8	72.1	(NA)	(NA)	(NA)	(NA)	428
Luxembourg	6.7	3 6.4	845	714	806	(NA)	(NA)	3 32.5	a 21.5	(NA)	(NA)	(NA)
Netherlands	8.2	8.6	983	773	865	6.6	78.3	69.3	4 22.2	7.2	*3.7	(NA)
New Zealand	5.7	5.6	(NA)	(NA)	(NA)	4.4	78.4	5 69.2	2 6,1	12.3	* 12.3	45.7
Norway	6.8	6.3	963	772	1,071	5.6	88.8	* 69.9	4 15.3	4 7.2	47.6	* 10.3
Portugal	5.9	5.5	151	238	375	3.9	71.1	2 46.3	3 20.7	* 20.3	* 12.7	925
Spain		5.8	334	376	405	4.2	72.3	4 42.5	s 16.7	# 15.8	* 25.7	* 3.3
Sweden	9.5	9.4	(NA)	(NA)	(NA)	8.6	91.4	3 72.6	a 10.2	¥ 4.9	* 12.3	* 7.8
Switzerland	7.2	* 7.8	(NA)	(NA)	(NA)	(NA)	(NA)	5 55.2	-	(NA)	(NA)	* 5.6
United Kingdom	5.6	5.9	530	468	653	5.3	88.9	7 59.7	3 11.2	* 10.3	1 20.0	* 5.3
West Germany	7.9	8.1	1,065	818	825	6.4	78.2	2 43.0	2 25.5	# 19.2	1 12.3	*22

Represents zero. NA Not available. <sup>1</sup> Preliminary estimates. <sup>2</sup> 1983 data. <sup>2</sup> 1982 data. <sup>4</sup> 1981 data.
 <sup>8</sup> 1980 data. <sup>6</sup> includes partitime and large number employed in social services. <sup>7</sup> 1979 data.
 Source: Organization for Economic Cooperation and Development, Paris, France, Financing and Delivering Health Care, 1987.

#### No. 1385. Public Expenditure for Education and Illiteracy, by Selected Country

(Expenditure: Includes both capital and current expenditures on public education and subsidized private education. Efficacy: Defined as inability both to read and write in any, or a specified, language. See text, section 31, for general comments concerning the data. For additional qualifications for individual countries, see source)

	PUBL	EDUCATIO		Percent of adult		PUBL	EDUCATIO		Percent of adult
COUNTRY	Year	Percent of total public expendi- ture	Percent of gross national product	popula- tion illiter- ate, 1 1985	COUNTRY	Year	Percent of total public expendi- ture	Percent of gross national product	popula- tion illiter- ate, 1 1985
United States	1983	(NA)	6.8	(NA)	Mexico	1985 1983	(NA) 22.0	* 2.6 7.9	4 9.7 66.5
Afghanistan	1982	6.4	(NA)	76.3	Nepal	1985	10.8	3.0	74.4
Algeria	1986	# 14.6	(NA)	50.4	Netherlands	1984	(NA)	6.9	(NA
Argentina	1984	22.6	4.2	4.5	Nigeria	1986	10 12.0	(NA)	57.6
Australia	1984	13.2	6.5	(NA)	Pakistan	1965	(NA)	2.1	70.
Bangladesh		(NA)	* 1.9	66.9	Peru	1984	(NA)	2.9	15.
Brazil		* 16.6	12.9	22.3		0.00	42.4	1 2 3	
Burma	1977	12.2	1.6	(NA)	Philippines	1985	(NA)	1.3	14.5
Canada	1985	12.7	7.2	(NA)	Poland	1985	7 11.6	6 1 4.7	INA
Chile	1985	15.3	4.4	* 5.6	Portugal	1963	11.5	4.2	* 16.
China: Mainland	1985	(NA)	2.9	30.7	Romania	1984	(NA)	2.1	CNA
Gillia. Mairia/Q	1965	(MA)	2.9	30.7	Saudi Arabia	1985	(NA)	8.9	Den
Colombia	1985	fresh	129	11.9	South Korea	1985	28.2	4.9	ONA
Czechoslovakia	1985	(NA) 7.9	4 5.1	(NA)	Soviet Union	1984	10.2	(NA)	(NA
			875.4		Spain	1985	14.2	3.3	5.6
East Germany		(NA)		(NA)	Sri Lanka	1985	(NA)	3.1	121
Egypt		11.5	5.2	55.5	Sudan	1980	9.1	4.8	(NA
Ethiopia			3.6	44,0	13.70		10.75	227	
France		(NA)	5.8	(NA)	Syria	1985	11.8	5.9	40.0
Ghana	1985	(NA)	2.3	46.8	Tanzania	1985	* 19.0	9 4.3	(NA
American Company	1985	0.0	70		Thailand	1983	21.1	3.9	9.0
Hungary		8.2	7.0	(NA)	Turkey	1985	(NA)	2.3	\$ 25.8
ndia	1985	9.4	3.7	56.5	Uganda	1983	(NA)	1.3	42.7
ndonesia		9.3	2.0	25.9	United Kingdom	1984	11.3	5.2	(NA)
ran		17.2	(NA)	49.2	Venezuela	1985	21.3	6.6	11.4
raq		(NA)	3.8	* 10.7	West Germany	1984	9.2	4.6	(NA
taly		9.6	5.7	* 3.0	Yugoslavia	1985	(NA)	3.6	8.8
Japan		18.7	5.6	(NA)	Zaire	1980	132.3	1 3.4	38.8
Kenya		(NA)	6.7	40.8	Zimbabwe	1985	16.0	8.1	26.0
Malaysia	1985	(NA)	6.6	26.6	THE RESERVE			7.53	100

All Not available. 

1 Population, 15 years old and over, Estimated by source, except as noted.

1 Expanditures of the Ministry of Education expanditures only.

1 Extinates made by country itself.

1 Personnt of interest of the tradetal product expanditures only.

10 years old and over.

2 Population, 15–45 years old.

1 Federal government expanditures only.

Source: United Nations Educational, Scientific, and Cultural Organization, Paris, France, Statistical Yearbook (copylight).

[in billions of dollars, except per capita. For explanation of conversion to U.S. dollars, see headnote, table 1424. For explanation of gross national product (GNP), see text, section 14]

			CURRENT	DOLLARS				CONS	TANT (198	3) DOLLA	ARS	
COUNTRY				677				1223	10.00	Per	capita (	dol.)
	1975	1980	1981	1982	1983	1984	1975	1980	1984	1975	1980	1984
United States	1,598.0	2,732.0	3,053.0	3,166.0	3,406.0	3,765,0	2,775.0	3,306.0	3,640.0	12,850	14,520	15,380
Alghanistan	1.6	2.7	2.6	2.8	3.6	(NA)	2.8	3.3	(NA)	201	214	(NA)
Algeria	17.2	33.9	38.6	43.0	47.6	52.0	29.8	41.1	50.3	1,846	2,180	2,347
Argentina	36.4	57.1	56.1	56.0	59.7	63.3	63.3	69.1	61.2	2,428	2,440	2,024
Austria Bangladesh	30.4	52.6 9.0	56.9 10.4	61.6 11.1	66.7 12.1	69.5 13.1	52.8 8.5	63.7 10.9	67.2 12.6	6,990	8,432	8,892
Belgium	41.1	67.4	71.8	77.7	81.2	85.3	71.4	81.6	82.5	7,285	8,286	8,372
Brazil	88.1	173.6	183.0	195.6	196.6	212.3	153.0	210.1	205.2	1,408	1,708	1,505
Bulgaria	28.2	42.8	48.2	52.9	54.0	57.7	49.0	51.8	55.8	5,615	5,850	6,231
Burma	2.2	4,3	5.0	5.6	6.1	6,6	3.9	5.2	6.4	128	157	177
Canada Chile	152.3	254.6 17.4	284.2 19.6	290.5 17.4	313.8 18.1	340.8 19.5	264.4 14.6	308.1 21.1	329.4 18.9	11,630	12,800	13,100
China:	0.4	16.4	19.0	17.4	10.1	19.5	14.0	21.1	10.9	1,432	1,814	1,507
Mainland 1	96.5	181.0	205.2	237.0	272.4	321.1	167.5	219.0	310.5	182	223	302
Taiwan	15.1	35.8	40.9	45.2	51.0	58.5	26.2	43.3	56.6	1,625	2,433	2,969
Colombia	16.1	30.4	33.4	35.7	37.8	40.0	27.9	36.7	38.7	1,158	1,387	1,344
Czechoslovakia	62.0	99.6	108.7	117.9	124.4	132.7	107.5	120.6	128.3	7,280	7,904	8,298
East Germany	77.4	125.5	140.5	148.8	157.3	168.6	134.4	151.9	163.0	7,974	9,074	9,769
Egypt	11.3	25.3	29.3	32.6	35.8	38.0	19.5	30.7	36.7	528	726	769
Ethiopia	2.1	3.6	4.0	4.3	4.7	4.8	3.7	4.4	4.7	104	113	111
France	246.5	416.8	452.3	491.9	516.0	539.5	427.9	504.4	521.5	8,111	9,364	9,510
Ghana	34.3	52.2	54.3	54.6	55.1	61.2	59.6	63.1	59.2	5,953	5,821	4,692
Greece Hungary	16.5 37.6	29.4 60.1	31.6 66.4	33.7 73.2	35.0 75.3	37.0 80.3	28.6 65.2	35.6 72.7	35.7 77.6	3,165 6,194	3,695 6,787	3,613
India	76.9	131.8	149.6	166.3	187.0	200.5	133.5	159.5	193.8	215	232	258
Indonesia	26.9	55.4	65.5	71.9	77.4	84.8	46.7	67.1	82.0	339	433	484
Iran *	75.2	113.4	119.8	139.1	157.6	158.8	130.4	137.2	153.5	3,908	3,541	3,504
Iraq 1	17.6	49.9	30.5	31.5	31.6	34.5	30.5	60.4	33.3	2,743	4,601	2,222
Italy	169.9	295.1	318.0	337.9	352.1	373.1	294.9	357.1	360.7	5,306	6,326	6,330
Japan Kenya	476.9	877.9 4.2	987.3 4.8	1,092.0	1,181.0	1,292.0	827.8 3.9	1,062.0	1,249.0 5.6	7,419	9,095	10,410
Madagascar	1.7	2.6	2.6	2.6	2.7	2.7	3.0	3.2	2.6	393	370	273
Malaysia	9.3	20.0	23.3	26.0	28.2	31.1	16.1	24.3	30.1	1,314	1,762	1,990
Mexico		112.4	130.1	133.5	133.1	144.2	100.4	136.1	139.4	1,634	1,941	1,795
Morocco	5.4	9.8	10.4	11.9	12.7	13.4	9.3	11.9	12.9	516	580	572
Mozambique	3.1	4.5	4.9	5.1	5.0	5.5	5.4	5.4	5.3	515	446	403
Nepal	1.2	1.9	2.2	2.4	2.5	2.7	2.0	2.3	2.6	8,605	151	9,338
Netherlands Nigeria	67.7 41.7	110.6 71.8	118.6 73.4	125.1 75.8	132.4 73.8	139.3 72.0	117.5 72.4	133.8 86.8	134.6 69.6	939	9,462 965	697
North Korea 1	9.0	15.5	18.6	20.5	21.6	23.0	15.6	18.8	22.2	985	1,048	1,133
Pakistan	10.9	21.5	25.0	27.8	31.3	33.8	18.9	26.0	32.7	253	306	338
Peru	10.9	17.3	19.5	20.9	18.9	20.3	18.9	20.9	19.6	1,246	1,207	1,021
Philippines	13.6	26.5	29,6	32.2	34.1	32.9	23.7	32.0	31.8	532	634	572
Poland	122.6	183.6	190.7	200.8	218.9 19.6	235.2 19.6	212.B 15.4	222.2	227.4 18.9	6,265 1,635	1,975	1,894
Romania	50.8	89.1	97.9	106.9	111.1	120.6	88.2	107.8	116.6	4,151	4,854	5,149
	40.0	A 47.55	7,17	home Co.	0.4.00	100000	18.55	37.0	10.00	100	1000	
South Africa	37.9	62.3	70.6	75.2	76.8	83.7	65.8	75.4 60.5	80.9	2,582	2,625	2,553 1,963
South Korea Soviet Union	24.5 941.0	1,529.0	57.6 1,672.0	1,830.0	76.0	85.3 2.067.0	1,633.0	1.850.0	1,998.0	1,158 6,419	1,529 6,968	7,266
Spain	81.3	128.3	137.5	147.8	155.8	164.4	141.1	155.3	158.9	3,968	4,141	4,119
Sri Lanka	2.0	3.6	4.1	4.6	5.0	5.5	3.4	4.4	5.3	250	296	333
Sudan	3.0	5.2	5.7	6.4	6.5	6.5	5.2	6.3	6.3	322	329	291
Sweden Switzerland	48.4	73.1	78.1	83.8	89.7	95.3	83.9	88.5	92.1	10,240	10,650	11,050
Switzerland	52.6	82.7	91.5	96.5	101.9	108.1	91.3	100.1	104.5	14,250	15,680	16,220
Syria Tanzania	7.3	13.7	16.6	18.2	18.9	19.0	12.7	16.6	18.4	1,709	1,884	1,812
Thailand	13.9	28.0	31.7	35.1	6.1 39.1	42.6	24.2	33.8	41.2	573	722	814
Turkey	22.5	36.4	40.9	45.8	49.7	54.3	39.0	44.1	52.5	962	977	1,061
Uganda	4.1	4.6	5.2	6.1	6.7	7.3	7.1	5.5	7.0	642	434	494
United Kingdom	235.2	363.0	386.9	420.4	456.0	482.5	408.2	439.2	466.4	7,262	7,799	8,270
Venezuela	34.9	58.3	62.5	66.1	65.3	66.6	60.6	70.5	64.4	4,781	4,694	3,822
West Germany	316.3	542.0 38.9	585.1	618.8	655.9	697.2	549.0	655.9	674.0	8,879	10,650	11,020
Yugoslavia	20.6		42.3	45.8	46.8	49.2	35.7	47.0	47.6	1,671	2,108	2,071

NA Not available. 1 Estimated.

Source: U.S. Arms Control and Disarmament Agency, World Military Expenditures and Arms Transfers, annual. Data from International Bank for Reconstruction and Development and U.S. Central Intelligence Agency.

D - DOCADES - FERENCE

# NO. 1385. ORGANIZATION FOR ECONOMIC COOPERATION AND DEVELOPMENT (OECD)—GROSS NATIONAL PRODUCT, 1980 TO 1986, AND CHANGE, 1980-1985 AND 1985-1986

[For interpretation of the absolute levels of GNP and per capita GNP, the market exchange rates used in converting national currencies do not necessarily reflect the relative purchasing power in the various countries. As a consequence, it should not be concluded, for instance, that the United Kingdom's individual standard of living in 1985 was only 58 percent of that of the U.S., as the statistics may imply. Minus sign (—) indicates decrease. For explanation of annual percent change, see Guide to Tabular Presentation]

	GF	IOSS NATIO	NAL PROD	DUCT (GN	P)		GNE	PER CA	PITA		Infla-
COUNTRY		n constant ollars (bil.)		Annual		In co	onstant (	1986)	Annual cha		rate," 1985-
	1980	1985	1986	1980- 1985	1985- 1986	1980	1985	1986	1980- 1985	1985- 1986	(per- cent)
United States	3,646.2	4,103.5	4,206.1	2.4	2.5	16,009	17,149	17,417	1.4	1.6	2.7
OECD Europe 3	3,557.5	3,817.0	3,910.7	1.4	2.5	9.036	9,471	9,656	.9	2.0	5.3
Belgium		110.7	112.9	.5	2.0	10.944	11,185	11,408	4	2.0	4.3
Denmark		75.6	77.4	2.2	2.3	13,213	14,796	15,107	2.3	2.1	4.0
France	656.7	696.3	710.2	1.2	2.0	12,188	12,621	12,822	.7	1.6	5.0
Greece	37.2	39.0	39.0	.9	-	3,860	3,930	3,914	.4	-4	21.0
Ireland		22.1	22.4	.7	1.5	6.274	6.214	6.254	2	.6	7.0
Italy		490.3	502.6	.9	2.5	8.303	8,582	8.783	.6	2.3	7.8
Luxembourg	4.6	5.1	5.2	1.8	2.4	12,861	13,676	14,000	1.2	2.4	5.0
Netherlands		165.6	168.1	.7	1.5	11,327	11,439	11,547	.2	.9	.3
Portugal		26.3	27.4	.8	4.3	2,583	2,570	2.665	1	3.7	17.8
Spain		220.5	227.2	1.5	3.0	5,465	5.713	5.851	.9	24	10.8
United Kingdom		542.1	554.6	1.9	2.3	8.752	9,575	9.781	1.8	2.2	3.5
West Germany	819.3	877.1	901.6	1.4	2.8	13,309	14,373	14,769	1.6	2.8	3.0
Austria	85.4	92.6	94.7	1.6	2.3	11,315	12,242	12,524	1.6	2.3	3.5
Finland	59.8	68.2	69.2	2.7	1.5	12,506	13,914	14.037	2.2	.9	5.5
Iceland		3.2	3.4	.6	5.5	13,522	13,333	14.042	3	5.3	23.5
Norway		64.6	67.4	3.1	4.3	13,567	15,561	16,153	2.8	3.6	-23
Sweden		125.0	127.8	1.7	2.3	13,813	14,966	15,274	1.6	2.1	6.5
Switzerland		139.4	142.2	1.3	2.0	20,628	21,547	21,876	.9	1.5	4.5
Turkey	41.9	53.3	57.4	4.9	7.8	943	1,081	1,142	2.8	5.6	30 0
Australia	132.0	152.6	154.6	2.9	1.3	8,976	9,686	9,678	1.5	1	7.3
Canada		340.3	350.5	2.4	3.0	12,549	13,413	13,686	1.3	2.0	2.5
Japan		1,949,6	1.994.4	3.9	2.3	13,786	16,146	16,416	3.2	1.7	2.3
New Zealand	21.1	24.8	24.6	3.3	8	6.794	7.637	7,575	2.4	8	12.0

Represents zero.
 <sup>1</sup> National currency values converted into dollars by the average 1986 Market Rate, as published by the international Monetary Fund, Washington, DC.
 <sup>8</sup> GNP or GDP (Gross Domestic Product) implicit price deflators; totals weighted by 1986 (base year) OECD weights.
 <sup>8</sup> See text, section 31.

## No. 1389. GROSS DOMESTIC PRODUCT, TOTAL AND PER CAPITA, USING PURCHASING POWER PARITIES—SELECTED COUNTRIES: 1970 TO 1985

[The goods and services produced in different countries should be valued consistently if the differences observed are meent to reflect real differences in the volumes of goods and services produced. The use of purchasing power parties (PPP) instead of exchange rates is intended to achieve this objective. PPP's show how many units of currency are needed in one country to buy the same amount of goods and services which one unit of currency will buy in the other country. For further explanation of PPP, see text, section 31]

COUNTRY		GRO	oss dome: (bil.	dol.)	UCT		G	ROSS DO		PRODUCT	T PER CA	PITA
	1970	1975	1980	1983	1984	1985	1970	1975	1980	1983	1984	1985
United States	1,009.2	1,583.9	2,688.5	3,353.5	3,713.0	3,946.6	4,922	7,334	11,804	14,282	15,665	16,49
EEC, total 1	915.0	1,487.6	2,485.4	3.008.9	3,195.6	3,377.9	3.022	4,775	7.831	9,400	9,963	10,50
Belgium	29.0	48.2	80.5	95.2	100.7	105.3	3,003	4,920	8,174	9.661	10,214	10.680
Denmark		27.0	44.1	54.5	58.5	62.7	3,545	5,344	8.613	10.666	11,450	12,25
France		278.0	470.6	574.8	605.6	631.3	3.204	5,275	8,735	10,503	11,021	11,445
Greece		24.7	44.0	52.6	56.2	59.7	1,564	2,730	4,567	5,344	5,677	6,001
Ireland	5.4	9.6	17.2	21.0	22.7	23.9	1.818	3.010	5,069	5,985	6,421	6,704
Italy	163.5	258.7	450.3	543.6	584.5	619.3	3,046	4.666	7,983	9,567	10,257	10.841
Luxembourg		2.1	3.4	4.2	4.6	4.9	3,780	5,889	9,444	11,574	12,676	13,429
Netherlands	46.2	75.9	124.5	146.2	155.7	163.2	3.543	5,554	8,798	10,173	10,795	11.269
Portugal	12.3	20.3	40.0	49.3	49.7	53.3	1,462	2,326	4,308	5,187	5,192	5,526
Spain	73.8	135.7	215.9	263.0	278.3	293.2	2,178	3,821	5,775	6,889	7,250	7,595
United Kingdom	181.7	284.0	443.8	544.8	577.6	618.0	3,265	5.051	7.881	9.664	10.225	10.915
West Germany	208.0	323.4	550.9	659.7	701.5	743.1	3,430	5,231	8,948	10,740	11,466	12,179
Australia	44.5	76.1	125.1	153.9	171.0	184,9	3,474	5,477	8,514	10,004	10,994	11,736
Austria	20.3	34.6	59.1	72.1	76.3	81.1	2,722	4,563	7,825	9,556	10,105	10,729
Canada	84.8	153.4	268.5	328.9	360.3	386.3	3,976	6,750	11,153	13,208	14,330	15,223
Finland	13.4	23.0	38.7	49.5	52.8	56.1	2,907	4,873	8,105	10,202	10,816	11,442
Japan	291.6	505.5	929.5	1,213.7	1,322.3	1,425.2	2,812	4,533	7,958	10,177	11,017	11,800
New Zealand	9.3	15.9	22.6	29.1	31.4	32.7	3,283	5,155	7,176	9,024	9,652	10,037
Norway	12.1	21.4	39.0	49.0	53.6	57.6	3,127	5,331	9,553	11,858	12,947	13,897
Sweden	31.0	49.3	76.1	92.8	100.1	105.5	3,848	6,024	9,156	11,146	12,009	12,639
Turkey	31.7	65.3	111.0	150.7	165.3	179.2	890	1,619	2,481	3,152	3,386	3,594

<sup>&#</sup>x27; European Economic Community.

Source: Organization for Economic Cooperation and Development, Parls, France, National Accounts of OECO Countries, vol. I,

Source: U.S. Department of State, Bureau of Intelligence and Research, Economic Growth of OECD Countries, 1976-1986, Report No. IRR 76 (Revised), 1987, and unpublished data.

NO. 1390. FOOD AND BEVERAGE EXPENDITURES AS A PERCENT OF TOTAL PRIVATE CONSUMPTION EXPENDITURES—SELECTED COUNTRIES: 1984

COUNTRY	Total	Food	Non- alco- holic bever- ages	Alco- holic bever- ages	COUNTRY	Total	Food	Non- alco- holic bever- ages	Alco- holic bever- ages
United States. United Kingdom	13.0 17.1 17.4 17.6 20.4 20.8 21.5 21.8 21.8 22.8 23.3 24.1 24.6 25.5	11.0 14.5 13.4 15.0 17.9 15.5 18.5 17.2 17.6 19.9 18.8 19.1 20.0 20.1	.6 .6 .7 .6 .5 .6 .6 .7 .6 .4 1.1	1.4 2.0 3.3 2.0 2.0 5.0 2.4 3.8 3.3 1 1.3 3.6 3.1 3.2	Switzerland Italy	25.5 27.7 30.7 32.8 35.0 35.9 36.3 37.7 40.1 40.4 41.4 55.9	20.2 25.6 29.2 26.4 31.7 33.1 25.6 23.8 31.2 36.1 36.9 27.9 36.8 51.7 53.1	1.2 3.4 1.4 1.1 1.0 1.3 1.5 1.1 1.5 1.7 1.5	14.1 1.8 1.1 1.0 12.2 2.6 10.0 12.2 15.0 3.0 2.4 112.0 11.7 1.7

<sup>&</sup>lt;sup>8</sup> Estimated. <sup>8</sup> Data for 1982. <sup>8</sup> Data for 1881. <sup>4</sup> Data for 1990. <sup>6</sup> Data for 1983.

NO. 1381. PER CAPITA CONSUMPTION OF WHEAT AND RICE—SELECTED COUNTRIES: 1974 TO 1986 [In Milegrams per year. Averages of crop years beginning in year shown. Excludes feed use but includes seed and industrial use]

		WHEAT			RICE		- V (10)		WHEAT			RICE	
COUNTRY	1974- 1976	1979- 1981	1986	1974- 1976	1979- 1981	1986	COUNTRY	1974- 1976	1979- 1981	1986	1974- 1976	1979- 1981	1986
World	oped		Developing—Con. Middle East	177.4		190.6	17.7	21.2					
Developed		90.8 84.2		18.5	18.2	17.4	Turkey	163.8 232.7		205.6 254.8	24.6 4.7	34.9	
Western Europe Japan			107.7	3.9 94.9	87.4	4.5	South Asia		56.7 50.0	62.4 57.1	73.1 68.6	75.8 72.5	
South Africa	63.9	62.8	61.3	2.9	4.3	5.7	Pakistan			126.2	25.1	25.5	
Centrally planned Eastern Europe	99.2	110.9	119.7	66.9	72.9		Other Asia		8.5		281.5 116.8	296.4 133.9	
Soviet Union	233.5	228.6	198.4	3.2 5.9	9.1	6.3	Thailand	2.1	4.0		180.2	1000	1000
China: Mainland	52.8	71.5	90.7	92.7	99.6	113.9	North Africa	174.4	182.5	162.2 200.7	18.0	1.1	1.1
Developing Latin America	49.6 57.6	54.7 58.4	57.7 57.9	62.3 25.9	65.9 29.4	66,9	Egypt	148.3	13.7	166.6	36.5	34,3	1000
Mexico	45.3 48.2	46.1 52.8	42.7 54.5	5.3	5.2	5.3	Other Africa		15.6	10.6	5.2	13.1	10.8

Source: U.S. Dept. of Agriculture, Economic Research Service, World Agriculture, Situation and Outlook Report, (WAS-47), March 1997.

No. 1392. PER CAPITA CONSUMPTION OF BEEF, PORK, AND POULTRY—LEADING COUNTRIES: 1985 [Im pounds per capita. except as indicated. Beef, veal and pork quantities are in carcase-weight equivalents; poultry quantities are on ready-to-cook basis]

	BEEF			PO	RK		POUL	TRY
COUNTRY	Quen-	Renk	COUNTRY	Quen- tity	Rank	COUNTRY	Quen- tity	Renk
Argentine Uniquey United States Canede New Zeeland Australia Prance Bultzerland Prance Boylet Union Intel May Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	146.4 108.5 90.6 90.4 90.4 66.1 62.4 61.7 61.1 60.8 60.0 58.6	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Hungary East Germany Denmark Crachoslovskia Austria West Germany Hong Kong Switzerland Bulgaria Poland Crine: Talwan Netherlands France Romania. United States	137.6 124.1 114.9 114.2 101.9 101.4 98.3 94.6 64.4 63.8 82.0 76.9 70.3	1 2 3 4 5 6 6 7 7 8 9 10 11 12 13 14 15 21	Israel Saudi Arabia United States United States United States Hong Kong	69.7 65.0 64.8 59.3 55.1 49.2 47.8 47.2 45.9	1 2 3 4 4 6 7 8 9 10 11 12 13 14

Source: U.S. Dept. of Agriculture, Economic Research Service, unpublished data. Based on data from United Nations, New York, 197, Yearbook of National Accounts Statistics, 1985, vols. II and III; Organization for Economic Cooperation and Development, Paris, France, National Accounts, vol. II, 1972-84; and various country yearbooks.

No. 1393, Percent of Households Owning Selected Appliances—Selected Countries: 1984

APPLIANCE	United States 1	France	Italy	Neth- erlands	Po- land	Soviet Union	Spain	Swe- den	United King- dom	West Germa- ny	Yugo- slavia
Clothes washer	38	83 22 33	92 19 39	90 12 47	(NA) (NA)	56 (NA) (NA)	93 9 13	67 28 66	83 6 80	91 21 53	(MA) (MA) 47
Range: Electric	* 45	12 (NA) 97	5 (NA) 66	10 (NA) * 98	53 (NA) (NA)	(NA) (NA) 65	92 • 94	(NA)	40 (NA) 58	73) (NA) 82	86 82
Black and white	43 88	61 56	75 45	33 84	(NA) (NA)	38	{ 64 47	(NA) 96	14 66	56) 69)	<b>,6</b> 1

NA Not available. <sup>1</sup> Represents appliances possessed and generally used by the household (as of November), Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Housing Characteristics, 1984*, August 1986. <sup>2</sup> Includes refrigerator/freezers. <sup>2</sup> Stove-top burners only, Oven is considered a separate appliance.

No. 1394. WORLD MOTOR VEHICLE REGISTRATIONS—SELECTED COUNTRIES: 1975 TO 1985
[In millions, except as indicated]

				1985						1985	
COUNTRY	1975	1980	Total	- 1	Cars	COUNTRY	1975	1980	Total	- 4	Cars
	3272	-	vehi- cles <sup>1</sup>	Num- ber	Persons per car	2000			vehi- cles 1	Num- ber	Persons per car
World, total 2	327.9	411.1	487.5	314.7	13.0	Nigeria	.3	.9	1.3	.6	168 245
United States	133.0	155.9	171.7	132.1	1.8	Pakistan Philippines	.7	1.1	.5	.3	163
Brazil	6.7	10.2	11.5	10.1	13.0	Poland	1.6	3.1	4.5	3.7	10,0
Canada		13.2	14.3	11.1	2.3	South Africa	3.0	3.5	4.2	2.9	11.0
China: Mainland	.7	.9	2.9	.5	2,022	South Korea	.2	5	1.1	.6	77.0
France	17.9	21.7	24.1	21.3	2.6	Soviet Union	9.8	15.5	21.4	11.7	24.0
India		1.5	3.7	1.5	525	Spain	5.9	8.9	10.9	9.3	125
Italy	16.3	19.1	23,3	21.5	2.7	Thailand	.5	1.1	1.2	1.0	51.0
Japan	28.1	37.9	46.2	27.8	4.3	United Kingdom	16.4	17.4	19.3	18.6	3.0
Mexico	3.3	4.6	7.2	5.2	15.0	West Germany		24.8	27.8	26.1	2.3
			·							45.51	

<sup>&</sup>lt;sup>1</sup> Includes trucks and buses, not shown separately. 
<sup>2</sup> Includes other countries, not shown separately.

### No. 1395. PERCENTAGE OF POPULATION SERVED BY WASTE WATER TREATMENT PLANTS—SELECTED COUNTRIES: 1970 TO 1985

[Primary: Removal of 20-30 percent of the biological oxygen demand (800) or more; Secondary: Removal of 80-90 percent of 800 or more; Tertiary: Removal of 95 percent of 800 or more]

COUNTRY	PERCI	ENTAGE ( SERVED	OF POPUL , TOTAL	ATION	PRIM	ARY TRE	ATMENT (	ONLY			CONDAR TREATM	
	1970	1975	1980	1980	1970	1975	1985	1986	1970	1975	1906	1905
United States 1	3.8 (NA) 40.0 14.0 16.0 (NA) (NA) 78.0	2 67.0 5.5 2 49.0 (NA) (NA) 23.0 45.0 14.3 96.0	70.0 4 22.9 56.0 61.5 30.0 30.0 68.0 17.9 96.0	* 74.0 (NA) 57.0 * 63.7 (NA) * 36.0 * 81.0 29.0 99.0	(NA) (NA) (NA) 7 8.0 (NA) (NA) (NA) 12.0	* 23.0 * 23.0 * 23.2 *	17.0 4 - 13.0 2.5 (NA) (NA) 7.0 8.8 1.0	* 15.0 (NA) 10.0 (NA) (NA) (NA) * 4.0 13.2 1.0	(NA) 3.6 (NA) (NA) 7 6.0 8 16.0 (NA) (NA)	* 44.0 5.5 (NA) (NA) (NA) * 23.0 37.0 7.3 94.0	53.0 • 22.9 • 43.0 59.0 (NA) • 30.0 • 81.0 9.1 96.0	59.0 (MA) 47.0 (MA) 94A) • 36.0 • 77.0 15.8 98.0
Switzerland	(NA)	55.0 (NA) 4 74.8	70.0 82.0 81.8	* 81.0 83.0 * 66.5	(NA) (NA) 11 20.5	(NA) (NA) 4 18.4	(NA) 6.0 10.2	(NA) 6.0 • 7.5	35.0 (NA) 11 41.3	55.0 (NA) • 56.4	70.0 76.0 71.6	*81.6 77.6 *79.6

<sup>-</sup> Represents zero. NA Not available. <sup>1</sup> Beginning 1990, data not comparable with 1970 and 1975 data and data for secondary treatment include 1 percent and 2 percent of non-discharge treatment. Primary treatment may provide some biological treatment. Secondary is preliminary treatment blue biological process with no additional treatment except disinfection. <sup>2</sup> 1976 data. <sup>3</sup> 1984 data. <sup>4</sup> 1979 data. <sup>5</sup> 1980 data. <sup>5</sup> 1983 data. <sup>5</sup> 1981 data. <sup>6</sup> Data for secondary category may include data for primary treatment with phosphorus removal. <sup>6</sup> 1983 data. <sup>6</sup> Data for secondary category may include data for primary treatment only. <sup>6</sup> Urban population only (85 percent of total). Primary: Removal of secondary: Chemical, biological and complementary treatment. <sup>18</sup> England and Wales only. Primary: Removal of goes solids; Secondary. Aerobic removal of organic metertal or becteris; Tertary: Removal of suspended solids following secondary treatment. <sup>11</sup> 1999 data.

Source: Organization for Economic Cooperation and Development, Paris, France, Environmental Data Compandium, 1987.

Source: Except as noted, Euromonitor Publications Limited, London, England, European Marketing Data and Statistics, annual. (Copyright.)

Source: Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, Mi, MVMA Motor Vehicle Facts & Figures, annual.

#### Communications

1396. COMMUNICATIONS—TELEPHONES, NEWSPAPERS, TELEVISION, AND RADIO, BY COUNTRY (See text, section 31, for general comments about the data. For additional data qualifications for countries, see source)

JNTRY	Tele- phones per 100 popula- tion, <sup>1</sup> 1985	Daily news- paper circula- tion, copies per 1,000 popula- tion, <sup>2</sup> 1984	Televi- sion receivers per 1,000 popula- tion, <sup>2</sup> 1985	Radio receivers per 1,000 popula- tion,* 1985	COUNTRY	Tele- phones per 100 popula- tion,¹ 1985	Daily news- paper circula- tion, copies per 1,000 popula- tion, <sup>2</sup> 1984	Televi- sion receivers per 1,000 popula- tion, <sup>2</sup> 1985	Radio receivers per 1,000 popula- tion, <sup>4</sup> 1985
States	a 76.0	268	798	2,101	Japan	10 55.5 5 1.3	562 13	580	787 78
***********	3.5	27	72	221	Kuwait	0 15.4	197	235	274
na	* 10.4	(NA)	213	654	Lebanon	(NA)	(NA)	300	787
3	55.0	296	446	1,274		1 - 1 - 6	100	43.3	
ndishman.co	49.2	365	7 435	1 620	Luxembourg		(NA)	252	625
desh	9.1	6	3	40	Madagascar		5	• 8	* 213
1	44.0	223	7 300	7 457	Malaysia		323	101	424
	(NA)	50	66	581	Mexico	0 9.1	120	108	190
		3.6		75.	Morocco		(NA)	52	175
	8.4	57	184	391	Netherlands	60.9	310	462	827
		255	7 187	1 222	To Tall College	25 4 5 4	74.4		
Service Property of		74	1	81	New Zealand		4 325	7 290	904
dia	(NA)	(NA)	7	110	Nicaragua		47	58	244
Laummanne	* 65.4	220	516	863	Nigeria		*6	5	85
******	6.3	* 115	145	332	Norway	* 62.2	501	7 330	780
					Pakistan	.6	(NA)	13	90
land		29	9	113	Panama		* 61	160	183 163
and	\$ 27.7	(NA)	(NA)	(NA)	Paraguay	- 2.0	(NA)	23	103
	7.0	(NA)	96	139	Peru	3.2	(NA)	76	203
Rica	12.3	72	77	85	Philippines	1.5	(NA)	28	65
morning.	5.1	144	197	327	Poland		214	1 255	1 271
ADDRESS OF THE PARTY OF THE PAR	40.5	118	132	284	Portugal		* 49	7 157	212
slovakia	23.1	298	7 280	7 272	Puerto Rico		59	246	666
	20.1	200	200	-/-	Romania	(NA)	158	7 173	7 141
rk	78.3	359	7 386	7 416	Saudi Arabia		(NA)	269	321
blic	9 2.9	30	80	160	Singapore	10 41.7	277	7 195	7 281
ermany	21.8	550	7 363	7 596	South Africa	10 14.3	(NA)	93	309
ſ	3.6	* 64	64	293	South Korea		(NA)	187	937
	2.4	* 42	82	256	Soviet Union		422	296	656
		7. 3			Spain		80	270	298
ador	5 2.4	(NA)	63	342	Sri Lanka	0.7	* 111	28	155
	.3	1	2	184	Sudan	*,4	5	51	251
-	61.7	535	470	988		* 89.0		7 390	868
<del>intractorio</del>	60.8	6 212	394	879	Sweden		521	300	821
	\$ 35.5	35	7 174	184 405	Switzerland	83.2 5.9	392	400 57	238
iala	1.6	(NA)	26	445	Syria	1.5	(NA)	97	175
as	* 1.1	*61	64	366	Thailand	1.5	(NA)	9/	1/3
		1 0 20	1	737	Trinidad and				
ong		(NA)	236	586	Tobago	* 9.6	151	270	321
y	14.0	254	397	574	Tunisia	3.7	39	56	219
-	° 52.5	469	7 305	7 617	Today		face b	140	120
factores constitutes of	*.3	* 21	5	66	Turkey United Kingdom	6.7	(NA)	148	1,016
518B		18	39	117	United Kingdom	10 52.4	414	437	
-	94.3	22	55 57	224	Uruguay	12.8	(NA)	166 130	598 422
(summer transmit	26.5	(NA)	252	189 568	Venezuela	8.3	* 186	130	7 430
(	10 38.5	186		470	West Germany		350 114	176	193
	11 44.8	(NA) 96	258 7 253	1 259	Yugoslavia Zimbabwe		22	14	43
a	9 6.0	45	92	385	Zimosowe	3.2	22	14	43
Andrews division and the same	0.0	40	92	300					

Not available. 

As of December 31, except as noted. Comprises public and private telephones installed which can be ted to a central exchange.

Publications containing general news and appearing at least 4 times a week; may range in as angle sheet to 50 or more pages. Circulation data refer to average circulation per lesus or number of privise copies per ad include copies soid outside the country.

Estimated number of sets in use, except as noted.

Data cover estimation or receivers in use, except as noted, and apply to all types of receivers for radio broadcasts to the public, including set connected to a radio "redistribution system" but excluding sets.

For 1904.

For 1904.

For 1908.

Pror 1909.

19 As of March 31.

11 As of March 21.

18 Includes San Marino.

18 For

se: Except Tahvan, Statistical Office of the United Nations, New York, NY, Statistical Yearbook (copyright), and United National, Scientific, and Cultural Organization, Paris, France, Statistical Yearbook (copyright); Taiwan, U.S. Bureau of the Libita from Republic of China publications.

#### Comparative International Statistics

No. 1397. TAX REVENUES-SELECTED COUNTRIES: 1975 TO 1985

[Covers national and local taxes and Social Security contributions. GDP-Gross domestic product; see text, section 14]

1	REVE	NUES,		RCENT CI		D IN NAT		TAX	REVEN	GDP	PERCEN	T OF
COUNTRY	Total (bil. dol.)	Per capita (dol.)	1975- 1980	1980- 1985	1982- 1983	1983- 1984	1984- 1985	1975	1980	1983	1984	1985
United States	1,134.1	4,740	76.7	46.5	.5	11.1	9.8	29.0	29.5	28.4	28.4	29.2
Australia	28,1	3,213	89.0 61.5	80.0 41.8	9.4 5.7	16.8 9.6	10.7 7.3	27.9 38.6	29.2 41.2	29.1 41.1	30.5 42.1	30.3 42.5
Belgium Canada Denmark	117.3	3,854 4,621 5,573	61.5 75.5 90.1	47.1 58.5 77.6	6.0 8.2 15.2	9.6 9.2 12.9	7.5 6.8 12.3	41.1 32.4 41.4	43.6 31.6 45.5	45.5 33.0 46.5	46.5 33.2 48.0	46.9 33.1 49.2
Finland	20.2	4,116	74.0	95.2	11.7	17.7	12.7	35.3	33.3	34.4	36.1	37.3
France		4,216	116.6 195.7	77.4 230.5	12.3 25.3	11.1 29.6	7.2 21.8	37.4	42.5 28.6	44.6 33.3	45.5	45.6
ltaly	146.6	2,565 3,107	222.0 95.7	139.2	24.1	11.5	10.6	25.1	30.0	35.9	35.1 27.4	34.7
Netherlands	56.2	3,879 2,304	60.6 120.1	20.9 99.7	6.2 3.5	1.1	3.6 18.6	43.7 31.3	45.8 33.0	46.7 33.1	45.2 33.0	45.0 34.3
Norway	27.7	6,668	101.4	77.1	7.9	10.7	14.7	44.8	47.1	46.6	45.8	47.8
Portugal		1,226	286.4	207.9	31.6 22.9	19.9	9.6	19.6	28.7	33.1 27.9	32.2	28.8
Sweden	29.7	6,064 4,554	96.4 26.3	68.1 39.4	13.9	7.1	9.7 6.0	43.9 29.6	49.4 30.8	50.6 31.6	50.3 32.3	32.1
United Kingdom West Germany	171.3 236.0	3,025 3,869	116.4 53.2	64.3 23.7	4.8 4.6	7.9 5.3	8.9 5.6	35.4 35.7	35.3 38.0	37.9 37.3	38.4 37.5	38.1 37.8

#### No. 1398. PERCENT DISTRIBUTION OF TAX RECEIPTS BY TYPE OF TAX—SELECTED COUNTRIES: 1975 TO 1985

			E AND PR	OFITS		CIAL SECUR		TAXE	S ON GOODS SERVICES S	AND
COUNTRY AND YEAR	Total <sup>1</sup>	Total <sup>a</sup>	Indi- vidual	Cor- porate	Total 4	Em- ployees	Em- ployers	Total *	General con- sumption taxes *	Taxes on specific goods, serv- ices 7
United States: 1975	100.0	43.6 47.0 42.8	32.8 38.9 35.7	10.8 10.2 7.1	24.6 26.2 29.4	9.9 10.0 11.1	13.9 15.5 17.3	18.5 16.6 17.7	6.7 8.6 7.4	9.1 7.1 7.1
Canada: 1975	100.0	47.3 48.6 44.3	32.8 34.1 35.5	13.6 11.6 8.2	10.1 10.5 13.3	3.7 3.7 4.7	6.1 6.6 8.5	32.0 32.5 31.5	12.5 11.5 13.2	13.0 13.0 12.0
France: 1975	100.0	17.6 18.0 17.1	12.2 12.9 12.7	5.3 5.0 4.3	40.8 43.1 43.6	8.6 11.5 12.2	29.6 28.9 26.2	32.9 30.1 29.4	23.3 21.0 19.9	8.1 6.2 8.7
haly: 1975	100.0	21.5 31.1 38.8	15.2 23.1 26.7	6.3 7.8 9.2	45.9 38.0 34.7	9.0 6.9 6.8	36.8 26.4 24.8	29.4 26.5 25.4	14.3 15.6 14.5	14.0 9.7 9.1
Japan: 1975 1980 1985	100.0 100.0	44.6 48.1 45.8	23.9 24.3 24.8	20.6 21.8 21.0	29.0 29.1 30.2	10.8 10.2 10.7	15.1 14.8 15.4	17.3 16.3 14.0	=	15.1 14.1 12.1
Netherlands: 1975 1990 1985	100.0 100.0	34.8 32.8 26.5	27.1 26.3 19.5	7.7 6.8 7.0	38.4 38.1 43.9	16.4 15.7 19.0	17.6 17.8 17.5	24.2 25.2 25.8	14.4 15.8 16.3	6.1 7.3 7.3
Sweden: 1975	100.0 100.0	50.5 43.5 42.0	46.1 41.0 38.5	4.3 2.5 3.5	19.5 28.8 24.8	:	18.3 27.6 23.7	24.3 24.0 26.4	12.0 13.4 13.9	10.7 9.2 11.4
United Kingdom: 1975 1980 1986	100.0 100.0	44.5 37.8 38.9	37.9 29.4 26.0	6.7 8.4 12.9	17.4 16.6 17.5	6.6 6.4 8.1	10.3 9.8 8.8	25.4 29.3 31.6	8.8 14.5 15.9	14.6 13.2 13.6
West Germany: 1975	100.0	34.7 35.1 34.8	30.2 29.6 28.7	4.5 5.5 6.1	33.5 34.4 <b>36</b> .5	14.2 15.3 15.8	18.5 16.5 19.0	27.1 27.1 25.6	14.7 16.6 15.8	10.9 9.1 8.7

<sup>-</sup> Represents zero. ¹ Includes property taxes, employer psyroll taxes other than social security contributions, and miscellaneous taxes, not shown separately. ¹ Includes taxes on capital gains. ¹ Includes other taxes, not shown separately. ¹ Taxes on the production, sales, transfer, leasing, and delivery of goods and services and rendering of services. ¹ Primarily value-added and sales taxes. ¹ For example, excise taxes on adoubl, tobscop, and gesoline.

Source of tables 1397 and 1398: Organization for Economic Cooperation and Development, Paris, France, Revenue Statistics of OECO Member Countries, annual.

#### No. 1396. EMPLOYEE-EMPLOYER PAYROLL TAX RATES FOR SOCIAL SECURITY PROGRAMS— SELECTED COUNTRIES: 1980 TO 1985

[In percent. Covers old-age, disability and survivors insurance, public health or sickness insurance, workers' compensation, unemployment insurance, and family allowance programs]

	ALI	. SOCIAL	SECURIT	Y PROGRA	MS	ou		ABILITY AN		XR8
COUNTRY				1985					1965	
	1960, total	1964, total	Total	Em- ployer	Em- ployee	1980, total	1984, total	Total	Em- ployer	Em- ployee
United States Canada France tally Japan Swaden United Kingdom West Germany	32.43	18.80 1 9.12 50.75 55.91 22.94 30.56 20.45 35.60	18.90 1 9.24 51.33 55.91 25.50 31.66 19.45 34.30	11.85 1 5.09 37.61 47.61 14.50 31.58 10.45 16.40	7.05 14.15 13.72 8.30 11.00 .11 9.00 15.90	10.16 3.60 212.90 24.46 9.10 20.80 (NA) 18.00	11.40 3.80 214.00 24.38 10.60 19.95 (NA) 18.50	11.40 3.60 2 14.00 24.38 12.40 19.95 (NA) 18.70	5.70 1.80 *8.20 *17.21 8.20 19.95 (NA) 9.35	5.70 1.80 * 5.60 7.15 6.20 - (NA) 9.35

Represents zero. NA Not available. ¹ Excludes work-injury compensation program. ² Disability and survivors nellts financed through sickness insurance. ² Excludes termination indemnity. Source: U.S. Social Security Administration, Office of International Policy, unpublished data.

No. 1400. Consumer Prices—Annual Percent Changes, by Country: 1981 to 1986 |See text, section 31, for general comments concerning the data. For additional qualifications of the data for individual countries, see source. Minus sign (--) indicates decrease. NA Not available]

COUNTRY	1981- 1982	1982- 1983	1983- 1984	1984- 1985	1985- 1986	COUNTRY	1981- 1982	1982- 1983	1983- 1984	1984- 1985	1985- 1986
United States	6.2	3.2	4.3	3.6	1,9	Malaysia	5.8	3.7	3.9	.3	.7
	1.50		200			Mexico	58.9	101.8	65.5	57.7	86.2
Argentina	164.8	343.8	626.7	672.1	90.1	Netherlands	5.9	2.8	3.3	2.2	.2
Australia	11.1	10.1	4.0	6.7	9.1	Nigeria	7.7	23.2	39.6	5.5	1.1
Austria	5.4	3.3	5.7	3.2	1.7	Norway	11.4	8.4	6.3	5.7	7.2
Bangladesh	12.5	9.4	10.5	10.7	11.0	Pakistan	5.9	6.2	6.6	5.8	3.7
Belgium	8.7	7.7	6.3	4.9	1.3	Peru	64.4	111.2	110.2	163.4	77.9
Bolivia	133	269	1,281	11,750	(NA)	Philippines	10.2	10.0	50.3	23.1	.8
Brazil	98.0	142.1	197.0	226.9	145.2	Portugal	22.7	25.1	28.9	19.6	11.8
Canada	10.8	5.8	4.3	4.0	4.2	Romania	16.9	5.2	1.1	4	1
Chile	9.9	27.3	19.9	30.7	19.5	South Africa	14.7	12.3	11.7	16.2	18.6
Colombia	24.5	19.8	16.1	24.0	18.9	South Korea	7.3	3.4	2.3	2.5	2.3
Ecuador	16.3	48.4	31.2	28.0	23.0	Spain	14.4	12.2	11.3	8.8	8.8
Egypt	14.8	16.1	17.1	13.3	22.6	Sri Lanka	10.8	14.0	16.6	1.5	8.0
France	11.8	9.6	7.4	5.8	2.5	Sweden	8.6	8.9	8.0	7.4	4.2
Ghana	22.3	122.9	39.7	10.3	24.6	Switzerland	5.7	3.0	2.9	3.4	.8
Greece	21.0	20.2	18.4	19.3	23.0	Thailand	5.3	3.7	.9	2.4	1.8
Guatemala	.3	4.5	3.4	18.7	36.9	Turkey	30.8	32.9	48.4	45.0	34.6
India	7.9	11.9	8.3	5.6	8.7	United Kingdom	8.6	4.6	5.0	6.1	3.5
Indonesia	9.5	11.8	10.5	4.7	5.8	Venezuela	9.6	6.3	12.2	11.4	11.5
ran	18.7	19.7	12.5	4.4	(NA)	West Germany	5.3	3.3	2.4	2.2	2
srael	120.4	145.6	373.8	304.6	48.1	Yugoslavia	32.9	40.2	54.7	72.3	70.3
taly	16.5	14.6	10.8	9.2	5.9	Zaire	36.2	77.1	52.2	23.8	46.7
Japan	2.6	1.9	2.3	2.0	.6	4	64.0	100			
(enya	20.4	11.5	10.2	13.0	4.0				100		

Source: International Monetary Fund, Washington, DC, International Financial Statistics, monthly, with annual yearbooks.

No. 1401. Consumer Price Indexes for Selected Items—Selected Countries: 1980 and 1986 [For percent increases in total consumer prices, see table 742. For explanation of average annual percent change, see Guide to Tabular Presentation]

				IND	EXES (1	1967=1	00)				AVG.	ANNUAL PI	-1986	CHANGE,
COUNTRY	To	tal 1	Fo	od a	Clo	thing	Hou	sing *		sporta- on	Food a	Cloth-	Hous-	Trans-
	1980	1986	1980	1986	1980	1986	1980	1986	1980	1986	7 340	ing	ing <sup>3</sup>	portation
	246.8 295.5 203.3 243.5 294.2 403.2 281.8 237.4 270.6 423.6 175.6	262.4 362.6 477.2 812.5 324.9 292.4 433.8	254.6 291.8 186.5 289.9 294.8 382.3 288.2 197.8 282.1 468.0 158.9	319.7 461.0 233.9 409.6 484.7 727.3 330.4 230.7 522.8 635.1 186.8	171.1 301.4 178.3 195.5 267.0 437.3 288.7 256.5 197.2 306.4 178.8	192.0 455.5 215.5 248.8 445.8 901.8 356.4 304.7 270.0 341.9 215.6	263.3 321.8 233.2 242.9 309.4 385.6 226.7 244.2 314.9 421.5 192.8	537.8 311.4 362.9 508.7 788.7 269.0 324.7 484.0 666.2	(NA) 216.6 233.1 337.4 480.9	307.5 (NA) 278.0 372.5 536.5 956.5 278.7 270.4 (NA) 608.4 220.2	3.9 7.9 3.8 5.9 8.6 11.3 2.3 2.6 10.8 5.2	1.9 7.1 3.2 4.1 8.9 12.8 3.6 2.9 5.4 1.8 3.2	5.4 8.9 4.9 6.9 8.6 12.7 2.9 4.9 7.4 7.9 3.4	3.5 (NA 4.2 8.1 8.0 12.1 1.7 3.2 (NA 5.1

a. Includes other items not shown separately. \*Restaurant meets, alcohol, and tobacco are included exchalled for others. \*Includes shelter, utilities, and household furnishings and operations. Wowever, advancement methods very significantly from country to country.
are of Labor Statistics, Handbook of Labor Statistics, periodic.

No. 1402. LABOR FORCE PARTICIPATION RATES, BY SEX, AND FEMALES AS PERCENT OF TOTAL LABOR FORCE—SELECTED COUNTRIES: 1970 TO 1986

			LAB	OR FOR	CE PAR	TICIPATI	ON RAT	ES !						ERCENT	
COUNTRY			Female					Male				1014	L LABO	R FORC	*
	1970	1980	1984	1985	1986	1970	1980	1984	1985	1986	1970	1980	1984	1985	1986
United States	50.4 41.1 47.5 29.1 55.4 60.6 53.5 48.1	61.3 57.8 52.5 39.2 54.9 75.7 61.7 50.0	64.3 62.0 56.1 40.3 57.2 78.8 62.2 49.2	65.5 63.2 56.4 40.6 57.2 79.7 62.9 50.4	66.5 64.3 57.2 42.0 57.4 80.5 63.5 51.4	90.1 87.1 86.9 82.0 89.4 90.6 96.1 92.5	87.8 87.5 83.4 81.2 89.0 89.8 91.5 83.6	87.0 85.9 78.6 78.0 88.4 87.2 87.8 79.9	87.1 86.2 78.7 77.7 87.8 87.5 87.8 79.9	87.2 86.5 78.2 77.7 87.5 87.5 87.3 79.2	36.7 32.2 36.6 27.1 39.3 39.5 36.2 35.9	41.9 40.0 40.1 33.4 38.7 45.2 40.3 37.8	43.1 42.2 42.0 34.8 39.6 46.9 41.4 38.5	43.5 42.6 42.2 35.1 39.7 47.1 41.7 38.7	43.8 42.9 42.7 35.8 39.8 47.3 42.0 39.0

<sup>1</sup> Labor force of all ages as percent of population. 15-84 years old.

#### No. 1403. LABOR FORCE PARTICIPATION RATES, BY SEX AND AGE-GROUP—SELECTED COUNTRIES: 1980 AND 1986

#### [Participation rates represent percent of population of each specified group in labor force]

COUNTRY AND SEX		-19 IS OLD		-24 S OLD		-54 S OLD	55- YEAR	-64 8 OLD		OVER
524-006-075-45)	1980	1986	1980	1986	1980	1986	1980	1986	1980	1986
United States: Total Male Female	1 60.5	1 54.9 1 56.8 1 52.9	77.5 85.7 69.1	79.0 85.4 72.5	78.4 93.4 63.8	81.7 93.0 70.6	55.1 71.2 41.0	53.6 66.7 42.0	11.9 18.3 7.6	10.3 15.4 6.9
Canada: Total Male Female	58.1	54.3 55.9 52.7	79.6 86.2 72.9	80.4 84.5 76.2	77.4 94.8 60.1	81.8 93.9 69.8	53.9 76.2 33.7	50.3 68.5 33.3	8.8 14.7 4.3	7.1 11.8 3.6
France: Total Male Female	25.7	15.2 18.2 12.1	73.7 80.2 67.5	70.8 76.2 65.5	79.8 96.4 63.0	83.2 95.9 70.5	53.4 68.5 39.7	39.8 49.5 30.9	5.0 7.5 3.3	3.2 5.0 2.0
Italy: Total	₹ 33.0	26.2 27.6 24.8	65.1 72.5 57,9	66.4 71.9 60.9	93.1 393.1 399.9	91.5 45.6	(NA) (NA) (NA)	(NA) (NA) (NA)	11.5 19.3 5.2	* 10.7 * 18.3 * 4.8
Japan: Total	17.4	17.6 18.0 17.2	69.8 69.6 70.0	72.2 70.8 73.7	76.8 97.0 56.7	78.7 96.6 60.8	63.1 85.4 45.3	62.7 62.9 44.7	26.3 41.0 15.5	23.7 36.2 15.2
Sweden: Total	55.5 55.3	45.0 44.1 46.0	83.1 84.5 81.6	81.1 81.5 80.7	89.3 95.4 82.9	92.6 95.3 89.8	66.8 78.7 55.3	68.3 75.5 61.4	8.7 14.2 3.7	6.8 11.0 3.2
United Kingdom: Total	73.6	72.4 73.7 71.1	77.1 86.0 68.8	77.0 84.5 69.2	79.5 95.4 63.4	80.7 93.3 68.0	59.4 81.6 39.1	50.4 67.0 35.0	6.2 10.3 3.6	4.6 7.4 2.7
West Germany: Total	47.0	42.9 45.8 39.7	73.8 79.2 68.0	73.4 76.0 70.5	74.0 93.6 53.6	74.7 90.6 57.8	42.8 65.5 27.2	37.0 55.7 22.1	4.5 7.0 3.1	3.1 5.0 2.1

NA Not available. 60 years old and over

#### No. 1404. LABOR FORCE AND UNEMPLOYMENT—SELECTED COUNTRIES: 1970 TO 1986

[Data based on U.S. labor force definitions adopted in 1987 (see text, section 13) except that minimum age for population base varies as follows: United States, France, Sweden, and, beginning 1975; United Kingdom, 16 years; Australia, Canada, Japan, West Germany, and, for 1970, United Kingdom, 15 years; Italy, 14 years]

			CIVILIAN	LABOR	FORCE	(millions	B)				PER	CENT U	NEMPLO	YED		
COUNTRY	1970	1975	1980	1982	1983	1984	1985	1986	1970	1975	1980	1982	1983	1984	1985	1986
United States Australia Canada France Italy Japan Sweden	82.8 5.5 8.4 20.8 19.7 50.7 3.9	93.8 6.2 10.0 21.8 20.1 52.5 4.1	106.9 6.7 11.6 22.8 21.1 55.7 4.3	110.2 6.9 12.0 23.2 21.4 57.0 4.4	111.6 7.0 12.2 23.1 21.6 58.1 4.4	113.5 7.1 12.4 23.3 21.7 58.5 4.4	115.5 7.3 12.6 23.3 121.8 58.8 4.4	117.8 7.6 12.9 23.5 22.0 59.4 4.4	4.9 1.6 5.7 2.5 3.2 1.2 1.5	8.5 4.9 6.9 4.2 3.4 1.9 1.6	7.1 6.1 7.5 6.4 4.4 2.0 2.0	9.7 7.2 11.0 8.3 5.4 2.4 3.1	9.6 10.0 11.9 8.5 5.9 2.7 3.5	7.5 9.0 11.3 9.9 15.9 2.8 3.1	7.2 8.3 10.5 10.4 16.0 2.6 2.8	7.0 8.1 9.6 10.7 16.2 2.8 2.7
United Kingdom West Germany *	25.1 26.2	25.7	26.5	26.7	26.8	100		27.3	3.1	4.6	7.0	11.4	11.9	11.7	100	11.5

<sup>1</sup> Proliminary estimates based on incomplete data. \* Includes West Berlin.

<sup>&</sup>lt;sup>1</sup> Persons 16-19 years old. <sup>2</sup> Persons 14-19 years old.

<sup>\*</sup> Persons 25-59 years old.

<sup>&</sup>lt;sup>4</sup> Persons

Source of tables 1402 and 1403: Organization for Economic Cooperation and Development, Paris, France, Historical Statistics, 1980-1982, 1984; and Labour Force Statistics, annual.

Source: U.S. Bureau of Labor Statistics, Handbook of Labor Statistics, periodic, and Monthly Labor Review.

#### No. 1405. SELECTED INDEXES OF MANUFACTURING ACTIVITY—SELECTED COUNTRIES: 1970 TO 1986

[1977 = 190, Data relate to all employed persons in the United States and Canada; all employees in other countries. Minus sign (-) indicates decrease. For explanation of average annual percent change, see Guide to Tabular Presentation]

INDEX AND YEAR	Unit- ed States	Bel- gium	Cana- da	Den- mark	France	Italy	Japan	Neth- erlands	Swe- den	Unit- ed King- dom	West Ger- many
Output per hour:	155	50	1	0.74	37	0.5	16.5	1.55	E.		1200
1970	80.8	59.9	75.6	65.5	69.6	72.7	64.8	64.3 86.2	80.7	79.7	71.2
1975	92.9	85.9	88.6	94.6	88.5	91.1	87.7	86.2	100.2	95.2	90.1
1980	101.4	119.7	98.2	112.3	112.0	116.9	122.7	113.9	112.7	101.7	108.6
1985	121.7	153.3	112.7	117.2	138.3	136.8	163.7	145.6	134.5	134.2	128.9
1986 Average annual percent change: 1970–1980 1980–1985	126.0	(NA)	112.1	116.6	140.9	138.4	168.2	(NA)	136.4	138.2	131.4
Average annual percent change:						1.5	100			1000	
1970-1980	2.3	7.2	2.6	5.5	4.9	4.9	6.6	5.9	3.4	2.5	4.3 3.5 1.5
1985-1986		5.1	2.8	8.	4.3	3.2	5.9	5.0	3.6	5.7	3.5
1905-1900	3.5	(NA)	5	5	1.9	1.2	2.8	(NA)	1.4	2.9	1.3
Compensation per hour, national currency basis: 2	100	10.1		1.5			123		les d		
1970	57.4	34.9	47.9	36.3	36.6	26.1	33.9	39.0	38.5	31.5	48.0
1975	85.1	79.0	78.9	81.0	76.7	70.2	84.2	82.2	77.3	77.3	84.5
1980	132.4	130.4	131.3	135.9	148.2	160.2	120.7	123.6	133.6	168.3	125.6
1985	176.7	183.7	195.9	194.4	262.5	339.5	152.0	159.0	208.9	261.3	162.8
1986	181.9	(NA)	202.2	202.6	274.0	353.9	157.3	(NA)	223.1	282.4	171.0
	45	1000	112	77.5	7. 29	100	12.73	27.7	1	150	100
1970-1980	8.7	14.1	10.6	14.1	15.0	19.9	13.5	12.2	13.2	18.3	10.
	5.9	7.1	8.3	7.4	12.1	16.2	4.7	5.2	9.4	9.2	5.3
1985-1986	2.9	(NA)	3.3	4.2	4.4	4.2	3.5	(NA)	6.8	8.1	5.1
Real hourly compensation: 1							-		100		1
1970	89.6	61.0	79.2	68.5	67.5	62.3	68.7	68.6	71.7	79.2	69.4
1975	95.9	92.3	91.7	98.1	92.2	97.7	99.6	95.4	95.9	105.1	91.3
1980	97.4	112.0	100.2	100.3	107.4	101.6	103.6	106.9	101.8	115.8	112.2
1985	99.5	112.3	104.5	98.0	120.8	112.9	113.9	112.1	101.5	127.1	120.2
1986	100.5	(NA)	103.7	98.6	122.8	110.9	117.1	(NA)	104.0	132.8	126.5
Average annual percent change:				0.0	100					4.4	1
1970-1980	.8	6.3	2.4	3.9	4.8	5.0	4.2	4.5	3.6	3.9	4.5
1980-1985	.4	4.5	.8	5	2.4	2.1	1.9	.9	1 .:	1.9	5.3
1985-1986	1.0	(NA)	8	.6	1.7	-1.8	2.8	(NA)	2.5	4.5	5.2
Unit labor costs, national currency:		1			11	-	266				
1970	71.0	58.2	63.4	55.4	52.6	36.0	52.3	60.7	47.7	39.5	67.4
1970	91.7	91.1	89.1	85.6	86.7	77.1	96.0	95.4	77.1	81.2	93.8
1980	130.6	109.0	133.7	121.0	132.3	137.0	98.4	108.5	118.6	165.4	115.7
1985	145.1	119.8	173.8	166.0	189.8	248.2	92.9	109.2	155.3	194.7	126.3
1986	144.3	(NA)	180.4	173.8	194,4	255.7	93.5	(NA)	163.6	204.4	130.2
Average annual percent change	144.0	(unv)	100,4	173.0	104.4	200.1	93.0	(rex)	103.0	204.4	130.4
1986 Average annual percent change: 1970–1980 1980–1985	6.3	6.5	7.8	8.1	9.7	14.3	6.5	6.0	9.5	154	5.6
1980-1985	2.1	1.9	5.4	6.5	7.5	12.6	-1.1	0.0	5.5	15.4	1.8
1985-1986	6	(NA)	3.8	4.7	2.4	3.0	.7	(NA)	5.3	5.0	3.1
	100	100		300		0.0		1,00	0.0	0.0	-
Unit labor costs, U.S. dollar basis: 1	1,275	153	25/3	17.00	1000	650	735.3	0.5	1.33	Made	-37
1970	71.0	42.0	64.5	44.4	46.8	50.6	39.1	41.2	41.1	54.2	42.5
1975	91.7	89.7	93.1	89.6	99.5	104.3	86.7	92.8	83.2	103.4	88.7
1980	130.6	133.7	121.5	129.0	154.1	141.4	116.8	134.2	125.3	220.5	147.5
1985	145.1	72.3	135.2	94.0	103.9	114.8	104.3	80.7	80.6	144.8	99.6
Average annual percent change:	144.3	(NA)	137.9	128.9	138.0	151.4	148.7	(NA)	102.5	171.9	139.2
Average annual percent change:	1	1		12.6			23.2		100		
1970-1980	6.3	12.3	6.5	11.3	12.7	10.8	11.6	12.5	11.8	15.1	13.2
1970–1980. 1980–1985. 1985–1986.	2.1	-11.6	2.2	37.1	-7.6	-4.1	-2.2	-9.7	-8.4	-8.1	-7.6
	6	(NA)	2.0	37.1	32.8	31.9	42.6	(NA)	27.1	18.8	39.6
Employment: 1970	2.32	100		1	4.4	L - H	Um (			1	1.5
1970	98.2	114.3	94.7	113.5	97.3	94.8	101.0	118.2	103.8	114.3	112.9
1975	93.0	108.6	101.7	100.0	101.4	99.7	101.7	106.9	103.9	102.7	102.0
1960	103.2	91.2	106.5	98.7	96.0	99.7	99.6	95.4	97.5	93.8	101.1
1985	98.3	78.6	101.4	107.1	84.2	87.5	107.4	84.0	89.0	73.5	91.4
1986	97.8	(NA)	103.4	109.1	82.2	86.1	106.9	(NA)	88.9	72.1	92,8
Average annual percent change:		1000		1.54	1.7	7.9	100	100	100	1.70	1
1986	.5	-2.2	1.2	-1.4	1	.5	1	-2.1	6	-2.0	-1.1
1980-1985	-1.0	-2.9	-1.0	1.7	-2.6	-2.6	1.5	-2.5	-1.8	-4.8	-2.0
1985-1986	5	(NA)	2.0	1.8	-2.3	-1.5	-1.5	(NA)	-3	-1.9	1.5
Hours:	100	150	To i	15.0	40.73	5000	122	7205	100	1000	1000
1970	97.3	130.2	97.2	125.1	105.3	107.4	107.9	131.2	114.6	119.1	121.7
1975	91.4	107.1	101.5	100.4	101.7	95.4	98.2	107.6	105.9	101.2	101.0
1980	101.7	89.6	105.5	98.1	95.2	98.7	101.2	93.6	92.3	90.2	98.1
1985	98.9	75.1	100.B	105.5	78.5	84.4	109.6	79.2	84.6	71.0	86.7
1986	98.7	(NA)	103.0	108.9	76.7	86.2	108.3	(NA)	83.9	69.5	87.2
1986		12.2	1 1		1	1793	100	1	1	Pet i	1
1970-1980	.4	-3.7	.8	-24	-1.0	8	6	-3.3	-2.1	-2.7	-2.1
1980-1985. 1985-1986.	6	-3.5	2.1	1.5	-3.8	-3.1	1.6	-3.3	-1.7	-4.7 -2.1	-2.5
1985-1986	2	(NA)		3.3		2.1	-1.2	(NA)	9		.6

<sup>-</sup> Represents or rounds to zero. NA Not available. \* Includes West Berlin. \* Compensation includes, but real hourly compensation excludes, adjustments for payroll and employment taxes that are not compensation to employees, but are labor costs to employers. \* Index of hourly compensation divided by the index of consumer prices to adjust for changes in purchasing power. \* Indexes in national currency adjusted for changes in prevailing exchange rates. Source: U.S. Bureau of Labor Statistics, Monthly Labor Review, and News Release USDL 87-237, "Intermetional Compensors of Manufacturing Productivity and Labor Cost Trends," June 15, 1967.

# No. 1408. Organization for Economic Cooperation and Development (OECD)—INDEX OF INDUSTRIAL PRODUCTION: 1975 TO 1986

[Minus sign (-) indicates decrease. For explanation of average annual percent change, see Guide to Tabular Presentation]

		11	NDEX (19	960 = 10	10)			AVERA	GE ANN	UAL PER	RCENT C	HANGE	
COUNTRY	1975	1982	1983	1984	1985	1986	1975- 1980	1980- 1985	1981- 1982	1982- 1983	1983- 1984	1984- 1985	1985- 1986
OECD, total	81.3	96.6	99.6	107.0	110.2	111.7	(NA)	2.0	-3.5	3.1	7.4	3.0	1
United States	78.5	94.9	100.6	112.1	114.0	115.1	5.0	2.8	-7.1	5.9	11.5	1.7	1,1
Australia	87.8	96.8	92.0	98.0	101.7	107.9	2.6	.3	-5.5	-5.0	6.6	3.8	6
Austria		97.6	98.5	103.8	108.4	109.3	4.6	1.6	8	1.0	5.3	4.4	1
Belgium	87.5	97.4	99.3	102.2	104.3	105.8	2.7	.8	-	2.0	2.9	2.1	1.
Canada	85.0	90.2	95.5	104.7	109.8	110.2	3.3	1.6	-10.7	5.9	9.6	4.8	1 7
Finland	70.00	103.8	107.1	1121	116.5	117.3	4.9	3.0	.9	3.2	4.7	3.9	1 3
France	85	97	98	99	99	100	3.4	-	-1.6	.8	1.5	-	1.1
Greece	77.0	94.9	94.3	103.B	107.2	107.0	5.4	1.4	-4.4	6	10.1	3.2	- 3
Ireland	174.6	102.6	109.2	125.1	128.0	131.5	(NA)	4.7	.3	6.4	14.6	2.3	2
Italy	78.3	95.4	92.3	95.6	96.9	100.0	5.0	6	-3.1	-3.3	3.6	1.6	3.
Japan		101.4	105.0	116.5	121.7	121.3	6,6	4.0	.4	3.6	10.9	4.5	-2
Luxembourg	93.0	96.4	101.7	113.6	121.4	124.9	1.5	4.0	2.3	5.4	11.7	6.9	2.9
Netherlands	* 89	94	96	101	104	106	(NA)	.8	-4.1	2.1	5.2	3.0	1.5
Norway		99	106	115	121	126	5.7	3.2	-	8.1	5.6	5.2	4.1
Portugal	71	105.1	106.8	106.7	111.1	123.9	7.1	2.1	4.6	1.6	2	4.1	11.5
Spain	86.6	97.9	100.5	101.4	103.5	106.6	2.9	.7	-1.1	2.7	.9	2.1	3.0
Sweden I	102	97	101	107	109	110	4	2.3	-1.0	4.1	5.9	1.9	9
Switzerland	87	96	95	97	103	108	2.7	.6	-3.8	7	2.7	6.2	4.9
United Kingdom	92.2	98.4	101.9	103.2	108.1	110.0	1.6	1.6	1.9	3.6	1.3	4.7	1.8
West Germany	85	96	96	100	105	107	3.3	1.0	-29	.7	3.4	5.0	1.9

Represents or rounds to zero. NA Not available. <sup>1</sup> Mining and manufacturing. <sup>2</sup> Not comparable to later years.
 Source: Organization for Economic Cooperation and Development, Paris, France, Main Economic Indicators, Historical Statistics, 1984–1983, 1984; and Main Economic Indicators, monthly.

#### No. 1407. CRUDE STEEL PRODUCTION AND CONSUMPTION: 1975 TO 1985

[Production data cover both ingots and steel for castings and exclude wrought (puddled) iron. Consumption data represent appearent consumption (i.e. production plus imports minus exports) and do not take into account changes in stocks]

			CTION					CONSU	MPTION			
COUNTRY		(mil. mel	inc tons)		To	tal (mil. ı	metric to	<b>16)</b>	Pe	r capita	(kilogran	<b>10)</b>
	1975	1980	1984	1983	1975	1905	1984	1905	1975	1900	1984	1900
World	642.5	999.4	977.1	678.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(044)	044
United States	1 105.8	101.5	1 83.9	1 80.1	116.8	115.6	113.3	107.3	541	508	479	44
Vrgentina	2.0	2.6	2.5	2.8	4.2	3.4	2.7	(NA)	183	120	98	(MA 30
vetralia	2 7.9	* 7.9	2 4.8	* 6.3	6.3	6.1	5.7	5.8	453	414	389	
wetria	4.1	4.6	4.9	4.7	2.2	2.7	1.9	1.8	284	358	257	23
3angladesh	.1	.1	.1	.1	.2	.4	.4	.5	2	4	4	
3eiglum	11.6	12.3	11.4	10.8	* 3.2	* 3.2	* 3.6	6 2.8	* 314	* 313	<sup>3</sup> 354	* 27
3raži		10.2	10.6	9.1	11.1	14.2	9.3	(NA)	106	117	70	-
3ulgana		2.6	2.9	2.9	2.2	2.8	2.9	3.0	252	315	323	22
Cenade	13.0	15.9	14.7	13.5	13.2	12.9	13.2	11.9	561	538	479	44
China: Mainland	23.9	37.1	43.5	46.8	29.1	43.3	57.9	66.6	31	43	56	6
Zechoslovakia	14.3	15.2	14.8	15.0	10.8	11.2	10.8	11.0	731	729	700	70
ast Germany	6.5	7.3	7.6	7.9	9.5	9.8	8.9	9.5	568	583	536	57
rance		23.2	19.0	19.1	19.3	20.0	15.2	14.2	365	373	276	25
3reece		•1.1	.8	1.0	1.3	2.0	1.5	1.6	143	208	149	16
ndia		9.4	10.3	11.1	8.4	11.5	(NA)	(NA)	14	17	(NA)	(Dec
ndonesia	1 1	.4	1.0	1.4	1.4	2.3	2.5	2.3	11	15	16	1
taly	21.8	28.5	24.1	23.9	17.8	28.1	20.9	20.7	321	463	367	36
lapan	102.3	111.4	105.6	105.3	84.7	73.4	65.3	66.7	580	629	571	56
Aexico		7.0	7.3	7.2	6.1	10.6	8.6	8.3	102	152	113	10
Vetherlands	4.8	5.0	3.5	3.4	4.5	4.6	4.2	4.2	332	328	295	30
Vigeria		(z)	2.2	.3	1.4	1.9	.6	.9	21	24	7	
North Korea		15.2	6.5	6.5	2.9	5.9	6.8	8.4	166	328	319	41
Pakistan		(NA)	(NA)	(NA)	.5	.6	7	.7		-6	7.7	7.
hillppines	. INA	i ina	(NA)	(NA)	1.0	1.2	.6	.5	24	25	12	
Polend		18.6	15.2	15.4	17.8	19.3	15.3	15.2	524	542	416	40
Romania	9.5	13.2	14.4	13.8	9.6	12.1	11.5	10.9	463	545	500	48
South Africa	6.6	9.1	7.8	8.6	* 7.5	6.6	5.4	(NA)	* 259	* 203	172	
South Kores	2.0	5.8	5.1	4.9	1.8	4.9	8.1	INA)	52	128	196	-
Soviet Union	141.3	147.9	154.2	154.7	141.0	(NA)	(NA)	ONA	554	(NA)	(944)	
Spein	11.1	12.6	13.4	14.7	10.9	8.9	6.5	9.9	308	239	170	25
Sweden	5.6	4.2	4.7	4.9	6.3	4.1	3.7	3.2	773	498	441	3
Turkey	1.5	1.7	2.6	3.1	2.7	3.4	5.1		66	76	105	
United Kingdom	20.1	11.3	15.1	15.7	21.0	13.8	14.4	(NA)	376	246	255	(P.M. 25
Venezuele		1.8	2.8	3.1	21.0	3.0	3.0	3.2	165	199	177	19
Vertezueta	(NA)								100	1 7 4	177	
Vot Comen	40.4	(NA) 43.6	(NA) 39.3	(NA)	30.3	33.8	1	.1 29.3		549	أمسا	40
Nest Germany	2.9			39.2			29.9		248	255	217	22
Yugoslavia	·  2.9	2.3	2.0	2.1	5.3	5.7	5.0	5.1	246	200	217	- 22

NA Not available. Z Less than 50,000 metric tons. <sup>1</sup> Excludes steel for castings made in foundries operated by companies not producing ingots. <sup>9</sup> Year ending June 30. <sup>9</sup> Luxembourg included with Belgium. <sup>4</sup> Data from U.S. Bureau of Mines. <sup>8</sup> Including Botswens, Lesotho, Namibia, and Swaziland.

Source: Statistical Office of the United Nations, New York, NY, Statistical Yearbook. (Copyright.)

# 405. WORLD PRODUCTION OF MAJOR MINERAL COMMODITIES, BY SELECTED COMMODITY: 1981 TO 1985

[Metric ton = 1.023 short tons]

OMMODITY	Unit	1981	1982	1983	1984, prel.	1985, est.	Leading producers, 1985
ERAL FUELS	Contract at 1		-		Som		
	Mil. metric tons	3,833	3,972	4,009	4,222	4,381	China: Mainland, United States, Soviet Union.
i, marketed	Trl. cu. ft	55.0	54.7	54.7	59.4	60.4	Soviet Union, U.S., Netherlands.
liquids 1	Mil. barrels 2				1.545	1,553	U.S., Soviet Union, Saudi Arabia.
crude	Mil. barrels 2				19.757		Soviet Union, U.S., Saudi Arabia.
refined	Mil. barrels 2	21,586	20,918	20,889	21,360	21,168	United States, Soviet Union, Japan.
TALLIC MINERALS		150			100		
draulic	Mil. metric tons	886	888	916	947	972	China: Mainland, Soviet Union, Japan.
em and industrial 1	1,000 carats	39,768	40,431	55,392	63,517	66,371	Zaire, Botswana, Soviet Union,
ammonia	Mil. metric tons				84.4		Soviet Union, China: Mainland, United States.
rock	Mil. metric tons	143	127	139	152	151	U.S., Soviet Union, Morocco.
rketable	Mil. metric tons		24.5		29.3		Soviet Union, Canada, East Germa-
monuonaumanauman	Mil. metric tons	171	164	159	171	169	U.S., Soviet Union, China: Main-
iental basis	Mil. metric tons	53.6	50.9	50.5	52.6	54.9	U.S., Soviet Union, Canada.
METALS		100	7.	1	IC	1	
	Mil. metric tons	15.1	13.4	13.9	15.7	15.3	U.S., Soviet Union, Canada,
iss weight	Mil. metric tons		80.9	80.2	89.8	86.7	Australia, Guinea, Brazil.
ross weight 1	1,000 metric tons	9,088	8,188	8,010	9,355	9,935	South Africa, Soviet Union, Albania.
tal content *	1,000 metric tons	7,777	7,619	7,712	7,995	8,114	Chile, United States, Canada.
content	Mil. troy ounces	41.3	43.1	45.0	46.4	48.2	South Africa, Soviet Union, Canada,
oss weight 5	Mil. metric tons	858	780	738	831	859	Soviet Union, Brazil, Australia.
content *	1,000 metric tons		3,422		3,256	3,392	Australia, Soviet Union, U.S.
ore, gross weight	Mil. metric tons		24.2	21.9	23.6	24.4	Soviet Union, South Africa, Brazil.
al content 4	1,000 metric tons		618	667	755	777	Soviet Union, Canada, Australia.
	Mil. metric tons		644	663	709	715	Soviet Union, Japan, United States.
content 4			220	197	198	191	Malaysia, Soviet Union, Indonesia.
content 4		5,919			6,564	6,656	Canada, Soviet Union, Australia.

s China: Mainland. 2 42-gallon barre ron ore agglomerates.

#### 406. PRIMARY ENERGY PRODUCTION, BY SOURCE OF ENERGY AND REGION: 1970 TO 1985

I millions of metric tons of coal equivalent. See text, section 31, for general comments concerning the data)

SOURCE OF ENERGY AND YEAR	World, total	Africa	United States and Canada	Other Western Hemi- sphere	Asia	Europe	Soviet Union	Oceania
ary energy: 1970	7.045	486	2,309	459	1,601	911	1,216	63
***************************************	0.007	437	2,225	416	2.287	1.047	1,578	99
MINITAL DOCUMENT OF THE PROPERTY OF THE PROPER	0.000	584	2.327	565	2.464	1.270	1,936	119
	0.010	477	2.266	618	2.099	1,313	2.005	138
	0.000	500	2.177	616	2.082	1.360	2.053	143
	0.240	536	2.357	635	2.182	1,331	2.114	155
	0.404	564	2.341	632	2,191	1,403	2,168	181
nite: 1970		54	526	8	394	662	459	46
		62	535	11	501	635	501	60
MAAAAAA AA AA AA AA AA AA AA AA AA AA AA	0.000	98	657	15	620	654	510	71
	0.740	107	667	16	674	660	502	86
	0.700	113	623	18	715	660	499	92
	2 840	128	716	19	778	606	497	97
	2,978	136	714	19	828	647	514	119
ileum: 1 1970	0.400	427	878	398	1,148	56	514	12
	0.004	356	801	334	1.674	71	715	29
7001	4.407	444	816	437	1.681	210	879	30
	4.007	332	791	480	1,263	254	877	29
	0.000	336	799	473	1,183	287	882	29
	4.070	352	825	487	1,195	308	877	33
	4.004	368	831	481	1,137	318	852	38
1970	1.311	3	852	42	39	145	228	2
		14	802	53	81	276	344	6
	1.010	35	752	85	117	320	517	14
	1,844	31	699	91	112	299	594	18
Marie Marie	1,864	45	639	92	129	305	636	19
	1 000	49	693	92	150	294	698	21
	2,052	54	668	93	158	303	756	20
nuclear electricity: 2 1970	154	3	53	10	20	49	16	3
	224	5	85	16	30	65	18	4
	301	7	102	28	45	86	30	4
	333	6	110	31	51	98	32	4
	360	6	116	31	56	108	36	. 4
	393	6	123	36	59	122	42	4
	427	7	128	39	68	135	46	5

s natural gas liquids. 

<sup>8</sup> Includes geothermal.

Statistical Office of the United Nations, New York, NY, Energy Statistics Yearbook 1985. (Copyright.)

<sup>2 42-</sup>gallon barrels. 3 Unalloyed ingot metal. 4 Mine output.

<sup>\*</sup> Includes iron ore concen-

J.S. Bureau of Mines, Minerals Yearbook.

#### Comparative International Statistics

No. 1410. Energy Consumption and Production, by Country: 1980 and 1985

[Metric ton = 1.1023 short tons. See text, section 31, for general comments about the data. For additional data qualifications for countries, see source]

	ENERGY	CONSUME	D 1 (coal e	quiv.)		RGY	PETRO		CC	CTION 4
COUNTRY	(mil. met		Per c (kilogi		PRODU	CTION 2 kWh)	PRODUC (mil. met	CTION 3	(mil. me	tric tons)
	1980	1985	1980	1985	1980	1985	1980	1985	1980	1985
World, total	8,544.3	9,130.3	1,919	1,888	8,247	9,675	2,979	2,660	2,728	3,114
United States	2,364.5	2,276.3	10,386	9,563	s 2,354	s 2,525	424.2	441.5	710.4	741.3
Algeria	24.8	16.7	1,327	767	7.1	12.3	47.4	29.4	(z)	* (z)
Argentina	49.3	52.0	1,746	1,703	39.7	45.3	25.3	23.6	.4	. 4
Australia T	91.2	102.9	6,195	6,558	96.1	119.0	18.9	23.4	72.5	130.2
Austria		29.7	4,058	3,955	42.0	43.9	1.5	1.1	(z)	(Z)
Bahrain Bangladesh	3.8	5.5 5.7	12,651	12,796	2.7	2.1	2.4 (z)	2.0 (z)	(NA) (X)	(NA)
		5.7	- "	2.5	2.1	4.0	(4)	(4)	(^/	100
Belgium	59.1	49.5	5,997	4,998	53.6	56.4	(x)	(x)	6.3	7.7
Brazil		93.8	763	692	139.5	192.9	9.1	27.5	5.2	7.7
Bulgaria	47.3	51.9	5,254	5,720	34.8	41.6	6.3	*.3	.3	2
Burma	2.2	252.0	10,547	9,910	377.5	1.8	70.4	* 1.6 72.2	(z) 20.2	34.3
Chile		10.7	1,025	890	11.8	13.9	1.6	1.6	1.0	1.2
			1 2 2		-	1			1000	1
China: Mainland Taiwan *	562.8	720.5 45.6	2,126	693 2,365	300.6 43.8	410.7 57.0	105.9	124.9	595.8 2.6	* 810.0
Colombia	23.8	24.1	923	840	22.9	26.8	6.5	9.1	4.9	* 6.5
Cuba		14.3	1,394	1,428	9.9	12.2	.3	.9		Del
Czechoslovakia	97.4	97.1	6,364	6.231	72.7	80.6	.1	.1	* 28.3	* 26.2
Denmark	26.9	27.3	5,254	5,334	27.1	29.1	.3	2.9	(x)	(x)
East Germany	121.8	130.6	7,276	7,791	98.8	113.8	1	(7)	(z)	(2)
Ecuador		6.0	708	638	3.4	4.5	10.4	(Z) 14.3	(NA)	(NA)
Egypt	20.1	31.0	488	662	18.9	23.2	29.4	44.3	(x)	(x)
Ethiopia	9	.8	27	18	.7	B			(NA)	(NA)
Finland	26.4	25.6	5,514	5,234	5 38.7	5 47.1	(x)	(X) (X) 2.6	* 20.2	* 17.1
France 10	237.3	219.3	4,409	4,013	5 246.4	5 326.4	1.2	2.6	* 20.2	* 17.1
Greece	20.1	23.0	2,088	2,332	22.7	27.7	(z)	1.3	(x)	(x)
Hong Kong	7.3	9.3	1,448	1,670	12.6	19.2	(NA)	(NA)	* 3.1	(x)
Hungary	40.6	41.6	3,787	3,892	23.9	26.8	2.0	2.0		* 2.6
India	139.4	193.0	202	254	119.3	188.5	9.4	29.9	109.1	149.7
Indonesia	11 45.7	42.5 55.9	11 1,177	1,252	11 22.4	27.8 37.3	77.6	67.7 108.9	* 11 9	1.5
		100	(100		-	1	30.00	13.5	1	100
Iraq	10.7	10.3	807	649	11.4	18.8	130.1	69.9	(NA)	(NA)
Ireland	11.1	11.1	3,268	3,084	10.9	11.7	(x) (z)	(x) (z)	1	(Z)
Israel	174.9	188.6	2,273	2,435	12.5 185.7	15.7 182.2	(Z) 1.8	(Z) 2.4	* (x)	, (x)
lanan	434.8	448.5	3,112 3,726	3,290 3,715	577.5	673.4	1.0	2.4	18.0	16.4
Japan Kuwait **	6.9	12.9	5,019	7,134	9.4	15.7	84.1	53.8	(NA)	(NA)
Libya		12.7	2.456	2 520	4.8	8.2	88.3	49.9	140	200
Malavsia		24.5	882	3,536 1,575	10.2	14.9	13.2	21.8	(X) (X) 7.0	(X) (X) 8.6
Mexico		132.5	1,709	1,677	s 67.0	* 93.4	99.9	135.7	7.0	*86
Morocco	6.4	7.2	319	327	4.9	7.0	(z)		.7	* 9
Netherlands	93.0	83.4	6,543	5,752	64.8	62.9	1.3	(z) 3.7	(z) 2.0	14.1
New Zealand		11.4	3,152	3.432	22.0	26.8	.3	6.B		2.2
Nigeria		21.6	136	227	7.2	9.0	104.2	73.2	2	4.000
North Korea	48.5	54.7	2,713	2,681	35.0	48.0	(x)	37.0	* 36.0	* 39.0
Norway 18 Pakistan	26.3	27.0 25.1	6,423	6,507 251	84.1 15.3	103.2	24.6	1.3	1.5	2.2
Peru	12.0	11.6	693	591	9.8	12.1	9.6	9.3	1.5	1.1
Philippines	16.7	15.8	346	291	17.9	21.0	.5	.6	.3	1.2
Poland	176.8	170 4	4000	4.000	121.0	137.7	.3	2	193.1	191.6
Portugal	11.2	172.4	4,935 1,153	4,636 1,302	121.9 15.3	19.0			193.1	191.0
Romania	100.0	109.9	4,505	4,776	67.5	75.3	11.5	10.7	8.1	8.7
Romania Saudi Arabia 13	25.3	41.6	2,745	3,606	18.9	32.4	495.9	168.4	(NA)	(NA) 173.7
South Africa 16	90.2	114.2	2,751	3,068	90.4	122.3	(x) (x)	(x)	116.6	
South Korea	52.3	66.6	1,373	1,614	40.1	62.7	(x)	(x)	18.6	22.5
Soviet Union		1,708.2	5,549	6,131	1,293.9	1,544.0	603.2	595.0	492.9	494.4
Spain	88.4	84.2	2,359	2,183	110.5	125.6	1.6	2.2	9 13.1	* * 16.3
Sudan	1.5	1.5	82	72	1.0	1.0	(x) (z)	(x)	(NA)	(NA)
Sweden	44.5	41.4	5,376	4,960	96.7	136.5	(z)	(X) (Z) (X)	(Z)	(Z)
Switzerland 17		24.4	3,636	3,805	5 48.1	5 53.9	(x) 5.3	(x)	(x)	(x)
Syria	7.3	12.9	835	1,228	3.8	7.3	8.3	9.2	(x)	(x)

See footnotes at end of table.

No. 1410. ENERGY CONSUMPTION AND PRODUCTION, BY COUNTRY: 1980 AND 1985—Continued [Metric ton=1.1023 short tons. See text, section 31, for general comments about the data. For additional data qualifications for countries, see source]

	ENERGY	CONSUME	o 1 (coel e	iquiv.)	ELEC		CRA PETRO		COAL PRODUCTION 4	
COUNTRY	Tol (mil. met		Per c (kilog		PRODUC (bil. i	CTION S	PRODUI	CTION 3	(mil. met	
	1905	1905	1905	1905	1980	1980	1980	1905	1980	1905
Tanzania Thalland Trinidad and Tobago	.8 17.3 7.5 4.1 31.9 16.8	.7 21.4 6.0 5.4 45.5 9.7	372 6,992 639 718 17,188	40 417 5,050 780 923 7,274	.7 15.1 2.0 2.8 23.3 6.3	.9 24.2 3.0 4.0 33.3 6.7	(X) (Z) 11.0 5.6 2.3 82.8	(X) 1.2 9.2 5.4 2.1 58.2	E wasne	(Z) (X) (MA) (X) 3.6 (MA)
United Kingdom Venezuela Vistnam West Germany Yugoslevia Zaire Zambia	271.0 49.0 6.6 359.4 48.0 2.0 2.3	276.8 54.5 7.0 349.9 58.3 1.9 2.2	4,850 3,140 122 5,829 2,152 69 403	4,914 3,150 118 5,748 2,520 65 323	284.9 35.9 3.8 368.8 59.4 4.2 • 9.2	294.7 45.4 5.0 406.7 73.9 4.6 10.1	78.9 114.8 (NA) 4.6 4.2 1.0 (X)	122.4 87.9 (NA) 4.1 4.1 • 1.3 (X)	* 130.1 (z) 5.2 94.5 .4 .1 .6	* 94.0 (z) * 5.3 * 88.5 .4 *.1 .5

NA Not available. X Not applicable. Z Less than 50,000 metric tons. 

Based on apparent consumption of coal, lignite, petroleum products, natural gas, and hydro, nuclear, and geothermal electricity.

Comprises production by utilities generating primarily for own use. Relates to production at generating primarily for own use. Relates to production at generating centers, including station use and transmission losses.

\*\*Includes signite and brown coal, except as noted.

\*\*Net production, i.e. excluding station use. 

\*\*United Netions Statistical Office sectinats.

\*\*For year ending June 30 of year shown.

\*\*Source: U.S. Bureau of the Census. Date from Republic of China publications.

\*\*Includes sturies.

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Source: Except as noted, Statistical Office of the United Nationa, New York, NY, Energy Statistics Yearbook, 1985. (Copyright.)

No. 1411. Indices of Food Production: 1980 to 1986

[1976-1978 = 100. For explanation of annual percent change, see Guide to Tabular Presentation. Minus sign (-) indicates decrease)

		TOT	AL FOOI	PRODU	UCTION			PER C	APITA FO	000 PRO	DUCTION	
REGION AND COUNTRY	1980	1984	1985	1986	Anr peri cha		1980	1984	1985	1986	Anr pero cha	
					1980- 1986	1985- 1986					1980- 1986	1985- 1986
World	104	117	119	119	2.3	-	99	104	104	103	.7	-1.0
Developed countries	105	112	114	111	.9	-2.6	102	107	108	105	.5	-2.8
United States	102	109	115	109	1.1	-5.2	99	101	106	100	.2	-5.7
Canada		110	120	133	4.4	10.8	100	102	110	121	3.2	10.0
Western Europe	112	119	117	115	.4	-1.7	111	117	114	113	.3	9
Japan	90	100	100	100	1.8	-	88	94	94	94	1.1	-
Oceania		114	116	115	2.7	9	95	105	105	103	1.4	-1.9
South Africa	109	102	108	110	.2	1.9	101	86	89	89	-2.1	
Centrally planned countries	101	120	118	122	3.2	3.4	98	111	108	111	2.1	2.8
Soviet Union	95	102	101	107	2.0	5.9	92	96	94	99	1.2	5.3
Eastern Europe	97	113	109	112	2.4	2.8	95	109	105	107	2.0	1.9
China: Mainland	119	164	162	163	5.4	.6	114	150	148	147	4.3	7
Developing countries	107	120	125	126	2.8	.8	100	102	103	102	.3	-1.0
East Asia	89	107	108	109	3.4	.9	85	96	95	95	1,9	-
South Asia	103	123	126	125	3.3	8	96	105	105	102	1.0	-2.9
Middle East	103	115	121	130	4.0	7.4	95	95	97	101	1.0	4.1
Sub-Saharan Africa	107	111	116	120	1.9	3.5	99	91	93	93	-1.0	
North Africa		115	127	135	3.5	6.3	101	94	101	104	.5	3.0
Latin America		122	127	122	1.4	-3.9	104	103	105	99	8	-5.7

<sup>-</sup> Represents zero.

Source: U.S. Dept. of Agriculture, Economic Research Service, World Food Needs and Availabilities, 1987/88, July 1887.

#### No. 1412. WHEAT, RICE, AND CORN PRODUCTION, BY COUNTRY: 1983 TO 1985

(In thousands of metric tons. Rice data cover rough and paddy. Data for each country pertain to the calendar year in which all or most of the crop was harvested. See text, section 31, for general comments concerning quality of the data.

COUNTRY	-	WHEAT			RICE			CORN	
Commi	1983	1984	1985	1983	1984	1985	1983	1984	1985
World, total	494,737	523,642	510,029	451,812	470,871	465,970	347,357	452,814	490,155
United States	65,858	70,618	65,992	4,523	6,296	6,171	106,041	194,928	225,180
Afghanistan	2.927	1 2,850	1 2,850	480	2 480	2 480	806	2 800	2 800
Argentina		13,200	₹ 8,500	277	476	400	9,000	9,500	12,600
Australia		18,294	16,550	548	632	864	139	238	311
Austria	1.417	1,501	1.563	(NA)	(NA)	(NA)	1,454	1,542	1,727
Bangladesh	1,095	1,212	1,464	21,751	21,930	21,900	1.1	1.1	1.1
Belgium 3	1,062	1,330	* 1,204	(NA)	(NA)	(NA)	1 50	* 53	s 90
Brazil	2,237	1,983	4,247	7.742	9,027	9,019	18,731	21,164	22,017
Bulgaria	3,608	4,836	1 3,500	74	61	1 75	3,115	2,994	1 2,600
Burma		214	206	14,288	14,588	£ 15,400	239	310	403
Cambodia		(NA) 21,199	(NA) 23,900	1,700 (NA)	1,970 (NA)	1 1,900 (NA)	5,933	7,024	7,393
	11252	20,000	1.000	- AS-7 (	77.7	100	77.7	200	10772
ChileChina: Mainland 1	586 81,392	988	1,165	172,179	165	157	512 68.353	721	62.250
Colombia	81,392	87,817 59	85,286 79	1,780	181,193 1,606	171,479 1,764	864	73,600 864	882
Cuba	(144)	(NA)	(NA)	518	555	524	1 96	1 97	1 97
Czechoslovakia	(NA) 5,820	6,170	6.023	(NA)	(NA)	(NA)	722	940	1,114
Denmark		2,446	1,996	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
East Germany	3,550	3,903	* 3,806	(NA)	(NA)	(NA)	(4)		1 2
Ecuador	27	* 23	1 19	270	414	1 300	(*) 229	* 292	1 250
Egypt	1,996	1,815	2 1.874	2,442	2,236	* 2,312	3,509	3,170	3,982
Egypt Ethiopia	666	1 675	1 700	(NA)	(NA)	(NA)	1,533	1 1,275	1 1,400
Finland	550	47B	472	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
France		32,977	29,030	38	36	61	10,525	10,493	11,839
Greece		2,646	1,792	83	92	106	1,763	2,091	1,800
Hungary		7,392	6,573	47	33	36	6,426	6,686	6,798
India	42,794	45,476	44,229	90,048	87,990	1 91,500	7,922	8,356	1 7,000
Indonesia		(NA)	(NA) 1 6,000	35,303	38,136	2 38,660	5,087	5,288	* 5,300
Iran	5,956	1 5,500		1,216	1,600	1,100	2 90	2 50	2 50
Iraq	841	471	² 650	111	109	1 105	28	31	1 32
Ireland	389	660	<sup>2</sup> 500	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Israel	335	130	* 110	(NA)	(NA)	(NA)	28	26	26
Italy	8,517	10,047	8,516	1,021	989	1,064	6,699	6,776	6,352
Japan	695	741	874	12,958	14,848	14,578	1	1	(*)
Laos		(NA)	(NA)	1,002	1,322	1,400	39	1 40	
Madagascar	(4)	(*)	(4)	2,147	2,131	2 2,178	132	141	2 140
Malaysia	(NA)	(NA)	(NA)	1,818	1,755	<sup>2</sup> 1,895	20	22	* 24
Mexico	3,460	4.542	5,228	416	511	988	13,061	13.222	15.013
Nepal	657	634	534	2,757	2,709	1 2,800	761	820	1770
Netherlands	1.043	1,131	851	(NA)	(NA)	(NA)	2	1	12
New Zealand	301	315	382	(NA)	(NA)	(NA)	143	154	220
North Korea	1 550	1 640	1 680	1 5,380	1 5,570	1 5,600	1 2,500	1 2,600	1 2,680
Pakistan	12,414	10,882	* 11,600	5,009	4,973	* 4,500	1,014	1,028	1 1,030
Panama		(NA)	(NA)	199	175	199	74	71	2 70
Peru	76	84	90	798	1,156	973	585	776	708
Philippines	(NA)	(NA)	(NA)	7,841	8,200	2 8,300	3,134	3,439	2 3,542
Poland	5,165	6,010	6,461	(NA)	(NA)	(NA)	64	57	69
Portugal	10 1000	475	385	109	134	147	461	526	570
Romania	5,205	7,580	1 6,800	84	110	1 85	11,982	13,274	1 13,800
South Africa	1,770	2,150	a 1,600	13	13	13	4,080	4,390	7,550
South Korea		17	2 11	7,608	7,970	3 7,855	101	133	132
Soviet Union		76,000	1 83,000	2,600	1 2,500	1 2,600	1 13,000	1 13,000	1 15,000
Spain		6,052	5,326	224	452	459	1,803	2,505	3,331
Sri Lanka		(NA) 1,776	(NA)	2,484	2,141	1 2,634	31	38	1 38
Sweden	1,721	1,776	1,378	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Switzerland	445	597	547	(NA)	(NA)	(NA)	139	126	157
Syria		1,068	* 1,714	10 540	10.005	19,521	27	60	63
Thailand Turkey		(NA) 17,235	17,032	19,549 315	19,905 280	19,521	3,552 1,480	4,226 1,500	4,686 1,900
	71	0.07501	15,754).	100	7 7 7	200	1.00	1,000	1000
United Kingdom	10,880	14,957	11,700	(NA) 323	(NA)	(NA)	1.1	.11	3.1
Uruguay		349	E 440		340	423	104	112	108
Venezuela		(*)	. 1	449	408	* 472	488	547	1 900
Vietnam	(NA)	(NA)	(NA)	14,732	15,528	1 15,600	467	532	1 500
West Germany	8,998	10,223	9,866	(NA)	(NA)	(NA)	934	1,026	1,204
Yugoslavia	5,525	5,595	4,859	40	36	36	10,719	11,312	9,891

NA Not available. <sup>1</sup> FAO estimate. <sup>2</sup> Unofficial figure. <sup>2</sup> Includes Lexembourg. <sup>4</sup> None or negligible.

Source: Food and Agriculture Organization of the United Nations, Rome, Italy, 1985 FAO Production Yearbook, vol. 39 (copyright).

## No. 1413. WHEAT, RICE AND CORN—EXPORTS AND IMPORTS OF 10 LEADING COUNTRIES: 1983 TO 1985

[In thousands of metric tons. Countries listed are the ten leading exporters or importers in 1985]

1 a Chura a managa a		EXPORTS	3	Lawrence and Co.		IMPORTS	
LEADING EXPORTERS	1983	1984	1985	LEADING IMPORTERS	1963	1984	1985
WHEAT				WHEAT			-
nited States	38 491	42.243	24.810	Soviet Union	21,700	26,700	20,309
anada		21,091	16.983	China: Mainland	11.811	10.539	6,135
ance		13,617	16,943	Japan		5.978	5.510
ustralia		10,535	15,704	Italy		4.019	4,534
				Egypt		4,520	4,524
rgentina		7,245	9,618	Brazil		4.868	4.041
ungary		1,271	2,003	West Germany	1.140	1,593	3.083
nited Kingdom	1,324	2,175	1,886	Algeria		2,006	3,030
oviet Union	1,800	1,621	1,250		2,129		
est Germany	1,113	1.803	1.045	South Korea		2,648	2,986
elgium-Luxembourg	741	589	763	Iran	2,667	3,780	2,750
RICE	111	330	1,50	RICE			
	7 13	177.7	1000	Bangladesh	316	167	741
hailand	3,476	4,616	4,062	Philippines		190	538
nited States	2,385	2,141	1,940			487	500
hina: Mainland		1,370	1,050	Iraq			480
alyversessessessessessessesses		536	727	Malaysia	300	437	
akislan		1.265	719	Saudi Arabia		490	427
		721	470	Iran		710	400
uma		246	341	Hong Kong		366	378
ustralia		246		Italy	172	170	352
donesia			340	Senegal		371	350
ruguay		152	220	Nigeria	544	213	345
dia	200	200	160	CORN	1	1	11000
CORN				Contr		100	
San San San San San San San San San San	V14	42.325		Soviet Union		12,200	16,600
nited States		49,104	44,153	Japan		14,170	14,225
rgentina	6,525	5,518	7,041	Spain	4,455	2,712	3,874
hina: Mainland	68	952	6,340	South Korea	4.057	3.065	3,406
ance		5,208	4,456	China: Mainland	5.569	3.015	3,107
hailand		3,117	2,752	Netherlands		2.229	2.374
ugoslavia		685	900	Belgium-Luxembourg	3,156	2.860	1,930
elgium-Luxembourg		1,400	656	Egypt	1,523	1,582	1,907
omania		500	615	Mexico		2,498	1,726
		114	523			1,617	1,670
dy			329	West Germany	1,/51	1,017	1,070
anada	454	499	329				

<sup>-</sup> Represents or rounds to zero.

Source: U.S. Dept. of Agriculture, Economic Research Service. Data from Food end Agriculture Organization of the United Name, Rome, Italy, FAO Trade Yearbook.

#### No. 1414. MEAT-PRODUCTION, BY COUNTRY: 1980 TO 1985

n thousands of metric tons, carcaes weight. Covers beef end veal (incl. buffalo meat), pork (incl. bacon and ham), and multion and lamb (incl. goat meat). Refers to meet from animals slaughtered within the national boundaries irrespective of origin of animals, and relates to commercial and farm slaughter. Excludes land, tallow, and edible offels. See text, section 31, for general comments concerning the data]

COUNTRY	1980 1984		1985, est.	COUNTRY	1980	1984	1965, est.	
forld, total	103,014	110,464	113,537	Iran	457	454	457	
V. C. A		0.00	1.1.1.1	Italy	2,305	2,471	2,474	
nited States	17,680	17,819	17,873	Japan	1,893	1,960	2,086	
10-1, 10- e-	4.04	15.65.75	642.2	Kenya	232	240	237	
gentina	3,220	2.897	3.044	Mexico	1,036	1.137	1,203	
ustralia 1	2,332	2,048	2,000	Netherlands	1,565	1,831	1,925	
elgium <sup>2</sup>	985	1,052	1,056	New Zealand 1	1,091	1,145	1,264	
azil	3,115	3,008	3,088	Nigeria	459	452	447	
anada	1,832	1,869	1,869	Pakistan	657	890	920	
hina: Mainland	12,664	16,146	18,340	Poland	2,397	1,971	2,190	
zechoslovakia	1,210	1,231	1,247	Romania	1,359	1,384	1,285	
enmark	1,218	1,289	1,329	Soviet Union	12,698	14,037	14,165	
ast Germany	1,612	1,658	1,636	Spain	1,545	1,715	1,689	
rance	3,823	3,992	3,895	United Kingdom	2,305	2,379	2,385	
ungary	1,065	1,263	1,108	West Germany	4,766	4,864	4,845	
idia	642	741	759	Yugoslavia	1,167	1,342	1,270	
ndonesia	298	319	323	A TABLE OF THE PARTY OF THE PAR	W- 100 110 110	-		

Year ending June 30 for Australia and September 30 for New Zealand.
 Includes Luxembourg.
 Source: Statistical Office of the United Nations, New York, NY, Statistical Yearbook. (Copyright.)

#### No. 1415. FOREIGN TRADE OF SELECTED COUNTRIES—SOURCE OF IMPORTS AND DESTINATION OF **EXPORTS: 1986**

[In billions of dollars, except percent. All exports are f.o.b. (free on board) and all imports are c.i.f. (cost insurance freight) except for U.S., Australian and Canadian imports, which are f.o.b.]

	,	excep	1 101 U.S.	, ///	and Carred	en mports,	WING! 68	1.0.0.]			
		O.E.	C.D.*	Soviet Union	China: Mainland,		Other devel-			Middle	Far
COUNTRY	Total 1	Total	E.E.C.ª	and Eastern Europe	Vietnam, North Korea	O.P.E.C.	oping coun- tries <sup>5</sup>	Africa	America <sup>6</sup>	East 7	East *
MPORTS											
United States	370.0	242.9	75.7	2.0	4.8	19.8	98.1	10.3	41.9	7.9	59.3
Austrolia	23.9	18.8	5.8	1 .1	.3	.8	3.8	10.3	3	7.7	122
Austria	26.7	22.2	5.8 17.9	2.2	.1	.6	1.5	.7 .7	.3 .5	. 2	
Austria Belgium  Censda	68.5	59.8	49.6	1.5	.2	1.8	4.7	2.8	1.1	1.5	1.3
Denmark	81.3 22.8	72.7 19.8	9.2	2	4	1.1	6.6 1.7	.7	2.7 .7	3	4.1
France	128.8	102.0	76.8	4.3	.2 .7	7.5	13.7	8.4	3.1	4.1	3.6
Italy	100.0	73.7	55.4	4.1	.7	9.5	10.1	9.1	3.1	5.0	2.4
Japan Netherlands	127.7	60.7	14.2	2.3	6.0	24.0	32.4	3.9	6.2	18.3	29.5
Netherlands Spain	75.4 34.9	82.7 24.8	46.2 17.6	1.9	.3	4.0	6.4 5.0	2.5 3.3	2.0 2.5	2.8 2.1	3.0
Sweden	32.5	28.5	18.6	1.2	1 .1	3.9	2.1		.8	3	1.0
Switzerland	40.9	37.1	29.8	8.	) j	.6	2.2	.3 .7		ã	1.1
United Kingdom	126.2	106.0	65.3	2.2 8.3	.5	2.4	13.8	4.3	2.5	2.0	7.4
Wast Germany	189.7	152.3	99.5	8.3	1.3	6.1	20.6	7.4	6.4	2.4	8.7
Percent				1				1		[	
distribution:				۔ ا	1	١			٠	۱	
United States Australia	100.0 100.0	65.7 78.8	20.5 24.3	.5 .3	1.3 1.4	5.3 3.2	26.5 15.8	2.8	11.3 1.1	2.1 2.8	16.0
Austria	100.0	83.0	66.9	8.3	.2	2.3	5.8	2.7	1.8	.6	23
Beigium * Canada	100.0	87.3	72.3	2.3	.3	2.7	6.9	4.0	1.7	2.2	1.8
Canada	100.0	89.5	11.3	.3 3.2	.5	1.3	8.1	.9	3.4	.5	5.0
Denmark France	100.0 100.0	66.7 79.2	52.0 59.7	3.2	.9 .6	1.6 5.8	7.2 10.7	1.2 6.5	3.1 2.4	1.4 3.2	2.8
Italy	100.0	73.7	55.4	4.1	.7	9.5	10.1	9.2	3.1	5.0	24
Jeben	100.0	47.5	11.1	1.8	4.7	18.8	25.4	3.0	4.8	14.3	234
Jepan Netherlands	100.0	83.2	63.9	2.5	7	5.3	8.5	3.3	2.6	3.6	4.0
Spain	100.0	71.1	50.3	1.8	.7	11.3	14.4	9.6	7.1	6.0	3.2
Sweden Switzerland	100.0	87.9 90.7	57.2 73.0	3.7 2.0	.4	1.5 1.5	6.5 5.3	1.0	2.6 1.5	9	2.7 2.7
United Kingdom	100.0	84.0	51.8	1.8	1 3	1.9	11.0	3.4	2.0	1.8	5.8
West Germany	100.0	60.3	52.5	4.4	.7	3.2	10.6	3.9	3.4	1.3	4.6
EXPORTS				1							
United States	217.3	139.7	53.2	2.0	3.1	10.8	60.5	6.0	31.1	8.4	26.1
Australia	22.5	13.5	3.3	.9	1.1	1.4	5.6	.5	.2	1.2	4.0
Austria	22.4 68.6	17.7 59.7	13.5 50.2	2.2 1.0	.2	1.6	1.5 5.7	.6 2.1	.8	2.1	1.8
Belgium * Canada	86.7	78.8	5.9	1.1	. i	1.1	4.8	.8	2.3	.5	23
Denmark	21.2	18.1	9.9	.4		.6	2.0	.4	.7	.6	-
France		91.3	69.0	2.8	7	6.6	17.4	11.3	4.0	3.6	4.0
Italy Jepan	97.5 210.8	76.0 131.7	52.2 31.1	2.9 3.9	1.0 10.3	6.2 11.7	11.0 51.8	5.3 4.3	2.3 8.8	5.0 8.8	2.7 42.1
Netherlands	80.6	71.0	60.4	1.1	.2	2.1	5.9	2.3	1.1	1.8	1.9
Spain	27.1	21.0	16.4	.5	.3	1.5	3.8	1.7	1.5	1.1	
Sweden	37.2	32.2	18.6	.8	.2	.9	2.9	.9	.8	.8	1.2
Switzerland United Kingdom	37.2 107.0	29.2 82.9	20.4 51.4	1.1	.4	1.7 6.9	13.4	1.1 5.0	1.3 2.3	1.7	2.2
West Germany	242.4	199.1	123.5	9.0	2.9	8.2	21.2	7.4	5.1	8.8	8.2
Percent	1			1			1		,		
distribution:	4000										
United States Australia	100.0 100.0	84.3 59.8	24.5 14.9	.9 3.9	1.4 4.9	5.0 6.1	27.8 24.9	2.8 2.4	14.3	3.9 5.2	12.0 17.9
Austria	100.0	78.8	60.1	9.6	7.5	3.8	6.5	2.5	1.1	3.1	1.7
Belgium *	100.0	87.0	73.1	1.5	.5	2.3	8.3	3.1	9.	3.0	2.8
Ceneda	100.0	99.9	6.8	1.3	9.	1.2	5.5	.9	2.8	.5	2.7
Denmark France	100.0	85.2 76.6	46.7 57.9	2.1 2.3	.6 .6	2.6 5.5	9.2	1.8 9.5	3.1 3.3	2.8 3.0	2.7 3.4
Italy	100.0	78.0	53.6	2.9	1.1	6.4	11.3	5.4	2.3	51	27
Jenen	100.0	82.5	14.8 74.9	1.8	4.9	5.6	24.6	2.0	4.2	5.1 4.2	20.0
Netherlands	100.0	68.1	74.9	1.3	.3	2.7	7.3	2.9	1.3	23	23
Spein	100.0	77.2 86.6	60.3 50.0	1.8 2.2	1.2	5.6 2.4	13.9 7.8	6.4 2.4	5.6 2.0	3.9 2.1	21
Sweden Switzerland	100.0	78.3	54.9	3.0	1.1	4.6	12.4	2.9	3.4	4.6	5.8
United Kingdom	100.0	77.5	48.0	1.6	.7	6.5	12.5	4.6	2.1	6.4	5.7
West Germany	100.0	82.1	50.9	3.7	1.2	3.4	8.7	3.1	2.1	2.8	3.4
	L				L	L	L	L		1	

or areas not shown separately. \*\*Organization for Economic Cooperation and Developm it, section 31. \*\*European Economic Community comprises Beiglum-Lusembourg, Denmetherlands, Portugal, Spain, United Kingdom, and West Germany. \*\*Organization of Perimber countries, see footnote 4, table 1422. \*\*Comprises trade with all countries other than man, South Africa, Soviet Union, Essatern Europe, and members of O.P.E.C. and O.E.C.D. prifinent except Canada and the United States. \*\*Comprises Syria, Lebanon, tersel, Gisza imen (Aden), Yemen (Sanas), Kuwali, Bahrain, United Arab Emirates, Caster, Orean, and tens in Lusembourg. I includes other are

Source: Organization for Economic Cooperation and Development, Parls, France. Data derived from Monthly Statistics of Parliants; series A, July 1987.

#### . 1416. RESERVE ASSETS AND INTERNATIONAL TRANSACTION BALANCES: 1980 TO 1986

 of U.S. dollars. Assets include holdings of convertible foreign currencies, special drawing rights, and reserve position in International Monetary Fund and exclude gold holdings. Minus sign (—) indicates debits]

	то	TAL RESE	ERVE ASS	ETS	CURREN	ACCOUNT	BALANCE	MERCHANDISE TRADE BALANCE				
UNTRY			15	986								
UNTHY	1980	1985	Total	Cur- rency hold- ings 1	1980	1985	1986	1980	1985	1986		
es	15,600	32,100	37,450	17,330	1,840	-116,430	-141,460	-25,500	- 122,150	-144,340		
1	3,773 6,719 1,690 5,280 300 7,823 5,769 261	2,819 3,124 5,768 4,767 337 4,849 10,605 34	1,660 2,308 7,246 6,162 409 5,538 5,803 33	1,312 2,308 6,684 5,534 371 4,630 5,803 33	249 -4,774 -4,248 -1,725 -757 -4,945 -12,806 -347	1,015 -954 -8,715 -262 -540 671 -273 -206	(NA) (NA) -9,232 -28 -637 (NA) (NA) (NA)	4,056 -1,373 1,369 -6,617 -1,560 -5,154 -2,823 -360	4,223 4,877 -1,277 -3,994 -1,287 -482 12,466 -202	(NA (NA -2,170 -4,394 -1,374 (NA (NA		
nand.	189 3,041 3,123 2,545 4,831 3,387 1,013 1,046	132 2,503 2,450 12,728 1,595 5,429 718 792	59 3,251 2,351 11,453 2,696 4,965 644 829	55 2,318 2,351 10,514 2,556 4,555 588 829	-440 -967 -1,971 (NA) -206 -2,466 -642 -438	(NA) -432 -1,328 -11,417 -1,809 -2,728 -85 -2,245	(NA) -5,990 -1,091 (NA) 423 -4,321 (NA) (NA)	38 8,001 - 764 (NA) - 297 - 2,023 278 - 2,960	(NA) 13,287 850 -13,123 -23 -771 1,147 -4,503	(NA 7,718 1,100 (NA 1,890 -1,178 (NA (NA		
	1,870 27,340 180 1,346 2,090 6,944 5,392	3,750 26,589 479 868 3,119 6,420 4,974	1,787 31,454 513 1,519 3,062 6,396 4,051	1,417 28,428 511 1,433 3,062 5,544 3,919	-1,409 -4,208 29 -2,209 -577 -1,785 2,864	-677 907 -134 -3,276 -52 -4,177 -1,840	-808 (NA) -43 (NA) -1,289 (NA) (NA)	-658 -13,419 195 -5,557 -143 -5,644 9,170	882 -4,532 -36 -5,053 610 -5,616 5,822	1,664 -2,119 61 (NA -529 (NA (NA		
	2,860 3,351 23,126 20 24,636 492 3,929 13,091 4,387	2,940 3,680 15,595 5 26,719 391 5,471 5,904 4,912	3,236 4,660 19,987 20 42,257 413 5,501 5,953 6,027	2,936 4,660 18,132 11 37,657 386 4,713 5,438 5,697	-2,132 -746 -9,901 -1,827 -10,750 -887 15,302 8,214 -285	-578 957 -5,645 100 49,170 -211 4,815 1,890 -734	-445 1,262 4,429 (NA) 85,960 (NA) 6,160 (NA) -296	-2,222 -3,150 -16,887 399 2,130 -1,083 13,877 11,551 2,406	654 -2,427 -8,318 1,482 55,990 -347 4,712 4,640 3,577	1,307 -1,924 4,214 (NA 92,650 (NA 1,975 (NA 3,366		
5	2,960 399 183 11,645 10,235 6,048 496 1,980	4,906 115 56 10,782 1,667 13,917 807 1,827	5,670 211 87 11,191 1,081 12,525 709 1,430	5,661 192 80 9,583 1,081 11,546 696 1,430	-8,162 -1,420 -39 -1,043 5,104 1,098 -921 62	1,237 -891 -126 4,192 1,265 2,926 -1,080 123	-1,270 (NA) -113 4,648 365 (NA) -700 -1,030	-2,830 -1,355 -226 -1,415 11,106 1,896 -2,876 837	8,451 -1,368 -289 5,273 4,353 4,680 -3,230 1,172	4,599 (NA - 297 6,996 2,535 (NA - 2,819		
(a)	2,846 128 795 323 23,437 6,567 726 2,925	615 870 1,395 199 25,004 12,847 315 2,869	1,728 698 1,456 582 18,324 12,939 370 3,320	1,675 698 1,354 582 7,102 12,751 370 3,301	-1,917 -3,417 -1,064 -2,399 42,754 -1,507 3,506 -5,321	- 996 410 915 - 13,255 - 15 2,622 - 887	1,022 -1,109 1,144 1,406 (NA) 479 3,194 4,617	-1,939 -1,776 -4,029 -1,534 75,155 -4,200 7,430 -4,384	-482 347 -1,457 1,445 7,032 -3,014 5,842 -19	-202 467 -1,634 1,917 (NA -2,326 7,063 4,206		
PRESENTATION OF THE PROPERTY O	11,863 246 49 3,418 15,656 337 1,560	11,175 451 12 5,793 18,016 85 2,190	14,755 353 59 6,551 21,786 (NA) 2,804	13,805 353 59 5,921 21,334 (NA) 2,736	-5,173 -657 -320 -4,404 -1,544 251 -2,070	2,851 -556 152 -1,150 6,206 -952 -1,537	(NA) (NA) - 18 823 (NA) (NA) (NA)	-11,728 -784 -438 -2,198 -5,891 -1,898 -1,902	-4,171 -657 -135 2,388 -1,561 -1,951 -1,332	(NA (NA - 307 5,100 (NA (NA (NA		
d Tobago	2,781 1,077 20,650 6,604 48,592 1,384 204	1,129 1,056 12,860 10,251 44,380 1,095 190	396 1,465 18,420 6,437 51,734 1,460 269	164 1,425 14,890 5,026 45,866 1,460 269	335 -3,409 7,063 4,728 -15,900 -2,316 -154	-78 -1,030 4,905 3,066 15,740 (NA)	(NA) -1,528 -240 -1,628 35,770 (NA) (NA)	753 -4,603 3,362 8,174 6,880 -4,889 566	756 -2,975 -2,440 6,790 26,950 (NA) (NA)	176 - 3,061 - 12,144 986 53,630 (NA		

seents zero. NA Not available. <sup>1</sup> Holdings of convertible foreign currencies. <sup>2</sup> Estimated.

International Monetary Fund, Washington, DC, International Financial Statistics, monthly with annual supplements.

#### Comparative International Statistics

#### No. 1417, FOREIGN EXCHANGE RATES: 1970 TO 1987

[National currency units per dollar, except as noted. Except as indicated, data are annual averages of certified noon buying rates for cable transfers]

(dollar)	(schil- ling)	Belgium (franc)	Canada (dollar)	Taiwan (dollar)	Denmark (krone)	(franc)	(drach- ma)	Hong Kong (dollar)
111.36	25.880	49 680	1 0103	40.050	7 4890	5 5200	30.00	6.0600
								4,9390
								4.9040
								4.6620
								4.6850
								5.0030
								4.9760
								5.5678
								6.0697
								7.2569
87.94	20.005							7.8188
70.03	20.676	59.336	1.3658	39.889	10.5980	8.9799	138.40	7.7911
67.09	15.260	44.662	1,3896	37.837	8.0954	6.9256	139.93	7.8037
69.69	12.875	37.967	1.3332	32.914	6.9258	6.1033	135.71	7.8000
India (rupee)	(pound)	Italy (lira)	Japan (yen)	Malaysia (ringgit)	Nether- lands (guilder)	New Zealand <sup>1</sup> (dollar)	Norway (krone)	Portugal (escudo)
7.576	239.59	623.00	357.60	3.0900	3.5970	111,48	7,1400	28.75
				2,4030	2.5293	121.16	5.2282	25.51
							5.4589	30.24
								38.34
								44,03
								48.95
								50.08
								61.74
								80.10
								111,61
								147.70
								172.07
								149.80
12.921	146.08	1,313.18	148.35	2.5224	2.0646	57.11	6.8553	142.20
Singa- pore (dollar)	South Africa 1 (rand)	South Korea (won)	Spain (peseta)	Sweden (krona)	Switzer- land (franc)	Theiland (baht)	United King- dom <sup>1</sup> (pound)	West Germany (deutsche mark)
3.0800	139 24	310.57	69.72	5.1700	4.3160	21 000	239 59	3.6480
								2.4613
								2.5184
								2.3236
								2,0096
								1.8342
								1.8175
								2.2631
								2.4280
								2.5539
2.1325	69.53	807.91	160.78	8.2706	2.3500	23.582	133.66	2.8454
2.2008	45.57	861.89	169.98	8.6031	2.4551	27.193	129.74	2.9419
2.1782	43.95	884.61	140.04	7.1272	1,7979	26.314	146.77	2.1704
2,1298	48.69	837.41	127.48	6,4249	1.5246	25.870	159.51	1.8310
	111.36 130.77 122.15 110.82 114.41 111.77 114.00 114.95 101.65 90.14 70.03 67.09 69.69 India (rupee) 7.576 8.409 8.971 8.769 8.971 8.769 8.198 8.156 7.887 8.681 9.485 10.104 11.348 12.332 12.597 12.921 Singa-pore (dollar) 3.0800 2.3713 2.4708 2.21406 2.1132 2.2103 2.1406 2.1132 2.2008 2.1740 2.1136 2.12008	111.36 130.77 17.443 130.77 17.443 122.15 110.82 16.545 110.82 114.41 14.525 111.77 114.00 12.945 114.93 17.968 17.969 17.969 18.794 20.005 70.03 20.676 67.09 15.260 69.69 12.875 India (rupee)   feland 1 (pound)  7.576 239.59 8.409 222.16 8.971 180.48 8.794 8.794 8.794 8.794 8.795 174.94 8.156 204.65 7.887 8.881 181.32 9.485 142.05 10.104 12.332 12.597 134.14 11.348 108.64 113.32 12.597 134.14 12.332 12.597 134.14 12.332 12.597 134.14 13.34 134.14 12.332 12.597 134.14 13.34 134.14 12.332 12.597 134.14 13.35 136.62 139.24 2.3713 136.47 2.4708 14.85 2.4394 11.99 2.2740 114.85 2.4394 114.99 2.2740 114.85 2.1325 2.2008 2.1325 6.9.53 2.2008 2.1325 6.9.53 2.2008 2.1325 6.9.53 2.2008 2.1382 6.9.53 2.2008 2.1382 6.9.53 2.2008 2.1382 6.9.53 2.2008 2.1382 6.9.53 2.2008 2.1382 6.9.53 2.2008	111.96 25.880 49.680 36.799 122.15 17.955 38.608 110.82 16.545 35.848 114.41 14.525 31.493 111.77 13.387 29.342 114.00 12.945 37.94 45.790 10.185 17.080 45.780 90.14 17.988 51.121 87.94 20.005 57.749 70.03 20.676 59.336 67.09 15.280 69.69 12.875 37.967 10.185 12.875 37.967 10.185 12.875 37.967 10.185 12.875 37.967 10.185 12.875 37.967 10.181 10.185 12.875 37.967 10.181 1	111.36 25.880 49.880 1.0103 130.77 17.443 36.799 1.0175 122.15 17.955 38.608 9863 110.82 16.545 35.848 1.0633 114.41 14.525 31.483 1.1405 111.77 13.387 29.342 1.1603 114.00 12.945 29.237 1.1693 114.00 12.945 29.237 1.1693 11.495 15.948 37.194 1.1990 10.185 17.060 45.780 1.2344 20.005 57.749 1.2953 70.03 20.676 59.336 1.3658 67.99 15.280 44.662 1.3896 69.69 12.875 37.967 1.3332 10.668 (rupee) (pound) (lira) Japan (yen) 15.280 44.662 1.3896 69.89 12.875 37.967 29.526 8.99 12.875 37.967 1.3332 10.68 8.971 180.48 833.55 296.45 8.791 180.48 833.55 296.45 8.791 180.48 833.55 296.45 8.791 180.48 833.55 296.45 8.791 180.48 833.55 296.45 8.791 180.48 833.55 296.45 8.798 174.49 882.76 268.62 8.188 191.84 849.12 210.38 8.186 204.65 831.10 219.02 7.887 205.77 856.20 226.63 9.485 142.05 1.354.00 249.06 10.104 124.81 1.519.30 237.55 142.05 1.354.00 249.06 10.104 124.81 1.519.30 237.55 142.05 1.354.00 249.06 10.104 124.81 1.519.30 237.55 142.05 1.354.00 249.06 10.104 124.81 1.519.30 237.55 142.05 1.354.00 249.06 10.104 124.81 1.519.30 237.55 142.05 1.354.00 249.06 10.104 124.81 1.519.30 237.55 142.05 1.354.00 249.06 10.104 124.81 1.519.30 237.55 12.201 146.08 1.756.10 237.45 12.220 146.08 13.220 146.08	111.36	111.36	111.36	111.36

<sup>&</sup>lt;sup>1</sup> Value is U.S. cents per unit of foreign currency.

Source: Board of Governors of the Federal Reserve System, Federal Reserve Bulletin, monthly.

# No. 1418. EXCHANGE RATES—INDEXES OF VALUE OF FOREIGN CURRENCY RELATIVE TO U.S. DOLLAR: 1970 TO 1986

[1977 = 180]

YEAR	United States	Cana- da	Japan	Bel- gium	Den- mark	France	Italy	Neth- erlands	Nor- way	Swe- den	United King- dom	West Germa ny
1970	100.0	101.8	74.8	72.2	80.0	88.9	140.8	67.9	74.5	86.1	137.3	63.
1971	100.0	105.2	77.1	73.8	81,1	89.2	142.8	70.3	75.6	87.5	140.1	66.
1972	100.0	107.3	88.4	81.4	86.3	97.4	151.2	76.4	80.8	93.9	143.3	72.1
1973	100.0	106.2	98.9	92.3	99.7	110.8	151.8	88.3	92.6	102.6	140.5	87.6
1974	100.0	108.7	91.9	92.1	98.7	102.3	135.7	91,4	96.4	100.8	134.1	69.9
1975	100.0	104.4	90.3	97.6	104.7	114.8	135.3	97.3	102.1	107.9	127.3	94.5
1976	100.0	107.8	90.4	92.9	99.3	102.9	108.3	92.9	97.5	102.6	103.4	92.2
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.0	93.2	128.5	114.0	109.0	109.2	104.0	113.6	101.5	98.9	109.9	115.8
1979	100.0	90.7	122.7	122.2	114.1	115.5	106.2	122.3	105.1	104.2	121.6	126.7
1980	100.0	90.9	118.7	122.7	106.7	116.5	103.2	123.6	107.8	105.6	133.3	127.5
1981	100.0	88.6	121.4	96.8	84.1	90.4	77.5	98.6	92.7	88.2	116.0	103.0
1982	100.0	86.1	107.5	78.3	71.9	74.7	65.2	91.8	82.4	71.1	100.2	95.0
1983	100.0	86.2	112.7	70.1	65.6	64.5	58.1	86.0	72.9	58.2	86.9	90.9
1984	100.0	82.0	112.8	62.0	58.0	56.3	50.3	76.5	65.2	54.0	76.6	81.6
1985	100.0	77.8	112.3	60.4	56.6	54.7	46.2	73.9	61.9	51.9	74.4	78.
1986	100.0	76.5	159.1	80.2	74.2	71.0	59.2	100.4	71.9	62.7	84.1	107.

## 1419. CENTRAL BANK DISCOUNT RATES, MONEY MARKET RATES, AND GOVERNMENT BOND YIELDS—SELECTED COUNTRIES: 1980 TO 1987

nit per annum. Central bank discount rates refer to the rate at which the monetary authority lends or discounts eligible for disposit money banks. Money market rates refer to the rate at which short-term borrowings are effected between all institutions. Government bond yields refer to one or more series representing average yields to maturity of ment bonds or other bonds that would be indicative of longer term rates]

ITIONAL INTEREST RATE AND YEAR	Unit- ed States	Cana- da	Jepen	France	West Ger- many	Italy	Neth- erlands	Swe- den	Swit- zerland	United King- dom
ienk discount rates: 1										
	13.00	17.26	7.25	9.50	7.50	16.50	8.00	10.00	3.00	14.00
***************************************	9.50	10.26	5.50	9.50						
***************************************					5.00	18.00	5.00	10.00	4.50	(Ω)
***************************************	8.50	10.04	5.00	9.50	4.00	17.00	5.00	8.50	4.00	1 52
***************************************	8.00	10.16	5.00	9.50	4.50	16.50	5.00	9.50	4.00	l (2)
***************************************	7.50	9.49	5.00	9.50	4.00	15.00	5.00	10.50	4.00	9333
***************************************	5.50	8.49	3.00	9.50	3.50	12.00	4.50	7.50	4.00	(7)
kne	5.50	8.59	2.50	9.50	3.00	11.50	4.50	7.50	3.50	J (*)
teriset retee: <sup>9</sup>			1	l		ł	1			
***************************************	13.36	13.28	(NA)	11.85	9.10	17.17	10.13	12.17	2.29	15.62
***************************************	12.26	14.35	6.94	14.87	8.67	20.16	6.08	13.29	1.32	11,36
***************************************	9.09	9.62	6.39	12.53	5.36	18.44	5.28	10.85	1.84	9.09
***************************************	10.23	10.91	6.10	11.74	5.55	17.27	5.78	11.77	3.34	7.62
***************************************	8.10	9.57	6.46	9.93	5.19	15.25	6.30	13.85	3.75	10.78
***************************************	6.81	9.30	4.79	7.74	4.57	13.50	5.83	10.15	3.17	10.66
lune	6.73	8.50	3.16	8.01	3.61	10.92	5.19	8.22	4.45	8.64
ent bond yields:	0.70	0.50	0.10	0.01	5.51	10.52	2.10	0.22	7.75	0.00
	11.46	12.48	9.22	13.03	8.50	16.11	10.21	11.74	4.77	13.79
***************************************	13.00	14.28	8.08	15.69	8.95	20.90	10.10	13.04	4.83	12.88
***************************************	11.11	11.79			7.89					
•••••			7.42	13.63		18.02	6.61	12.30	4.52	10.61
***************************************	12.52	12.75	8.61	12.54	7.78	14.95	8.33	12.28	4.70	10.89
	10.62	11.04	6.34	10.94	6.87	13.00	7.34	13.09	4.78	10.62
***************************************	7.68	9.52	4.94	6.44	5.92	10.52	6.35	10.26	4.29	9.87
une	8.40	9.78	3.91	9.32	5.80	9.48	6.26	(NA)	4.11	6.90
									L	L

ot available. <sup>1</sup> End of period. <sup>2</sup> Minimum leading rate suspended as of August 20, 1881. <sup>3</sup> Period averages. : International Monetary Fund, Washington, DC, International Financial Statistics, monthly.

# 420. EXTERNAL DEBT OF SOVIET UNION AND EASTERN EUROPEAN COUNTRIES: 1975 TO 1986 [In millions of dollars, Not debt represents gross debt minus assets held with Western commercial banks]

TYPE AND SOURCE	1975	1975	1905	1961	1982	1980	1984	1995	1980
s debt, total	41,400	91,888	102,000	105,000	105,000	105,000	101,000	115,000	137,000
ion: Gross debt		19,700	18,890	20,000	19,500	20,900	21,500	28,200	36,700
nercial debt	7,340	10,200	9,700	12,600	11,100	12,200	13,100	19,400	26,600
el debt		9,480	9,140	7,420	8,370	8,740	8,440	8,790	10,100
<b>X</b>	8,080	10,300	9,490	10,800	8,260	6,880	10,000	14,900	21,700
Gross debt	2.640	4.030	3.550	3.050	2,750	2,390	2,260	3.610	4,89
nercial debt	2.453	3.620	3,215	2,600	2.285	1.915	1,770	3.080	4.15
el debt	187	410	335	370	485	475	480	550	73
X		3,280	2.780	2.225	1.750	1,320	630	1,080	3,500
ovekie: Gross debt		4 400	4 000	4 500	4050	3.950	3,600	3,830	4.480
nercial debt	1,132 928	4,100	4,920	4,500 3,695	4,050	2,935	2,565	2,840	3.38
debt		3,500	4,000	805	3,110	1.015	1,035	900	1.10
X		3.050	3,670	3.400	3,300	3,010	2,590	2.840	3,26
	1	3,000	3,670	3,400	3,300	3,010	2,500	2,040	3,200
nany: Gross debt	5,368	12,300	14,100	14,900	13,000	12,840	12,150	13,900	16,750
nercial debt		10.220	11.255	11.610	9,460	8,875	8,050	10,000	12,850
al debt	965	2.000	2.845	3.290	3.540	3.965	4,100	3,900	3,90
<b>d</b>	3,748	10,340	11,800	12,300	10,700	9,450	7,610	7,460	9,30
Gross debt	3.136	8,140	9.000	6,700	7,700	8,260	8,840	11.780	15,000
nercial debt		8,010	8,790	8.335	6.940	6,950	6,940	9.780	12.380
debt	54	130	300	365	525	740	790	830	1.09
MF 1			1 300	1	235	570	1,140	1,170	1.820
4	2,195	6,910	7,000	7.050	6,800	6,890	6.740	8.660	12,010
man daha	1 -		1 '	1	04.000	00.400	~~~~	00 000	l .
irces debt mercial debt	8,014 5,910	22,689	25,000	25,500	24,890	26,400	26,800 9,400	29,300	33,500 12,100
el debt	2,104	(NA)	14,900	14,215	13,640	10,900		10,800	21,40
t			10,100	11,265	11,180	15,500	17,400	18,700	31.79
***************************************	7,381	21,500	24,350	24,700	23,900	25,130	25,250	27,710	31,/54
Gross debt	2,924	6,950	9,400	10,160	9,760	8,780	7,100	6,600	6,000
nercial debt	2,024	5,100	6,545	6,167	5,415	4,770	3,430	2,900	2,700
el debt	706	900	1,670	1,645	1,430	675	1,070	1,100	1,100
World Bank/CEMA bank 1		950	1,165	2,148	2,935	3,115	2,600	2,600	2,200
<b>x</b>	2,449	6,650	9,100	9,815	9,400	8,250	6,450	6,140	5,500
a: Gross debt	6.584	13.660	17.606	18,337	16,488	19.000	18.820	19,180	19,390
mercial debt		10,150	12.911	12,200	11.928	10.315	8.955	7.780	7.390
debt		1.931	2.578	3.222	3.050	4.800	5,765	7.130	7.74
World Bank 1	747	1.500	2119	2.915	3.510	4.085	4,100	4.270	4.230
		12,477	16.237	16,830	17.718	18,080	17.890	17,700	17.900

resents zero. NA Not available. ¹BIS-Bank of International Settlements. IMF-International Monetary Fund Journal for Economic Mutual Assistance.

<sup>:</sup> U.S. Central Intelligence Agency, Handbook of Economic Statistics, 1987; and unpublished data.

## No. 1421. TOTAL EXTERNAL PUBLIC DEBT, 1980 TO 1985, AND BY TYPE OF CREDITOR, 1985, AND DEBT SERVICE PAYMENTS AND RATIO. 1980 TO 1985

[External public debt is defined as debt repayable to external creditors in foreign currency, goods, or services, with an original or extended maturity of more than one year, which is a direct obligation of, or has repayment guaranteed by, a public body in the borrowing country. Excludes undisbursed debt (amounts not yet drawn by recipient) and unguaranteed private debt, which for some countries is substantial. Debt contracted for the purchase of military equipment is not usually reported. Debt service payments represent the sum of interest payments and repayments of principal on external public debt]

		TOTA	L EXTER	NAL PUBL	C DEBT (	mil. dol.)			BT SER		DEBT SERVICE RATIO 3			
					1	985		-	(mil. do	I.)		percent	0	
COUNTRY	1980	1983	1984	Total <sup>1</sup>	Bilat- eral offi- cial	Banks *	Inter- national organi- zations	1980	1984	1985	1980	1984	196	
Algeria Argentina <sup>4</sup> Bangladesh	16,298	12,985	12.211	13,664	2.215	8,428	469	3,856	4,559	4,584	26.6	33.6	33	
rgentina 4	10,181	25,445	26,746	35,604	2,214	30,553	1,932	1,987	2,563	4,314	17.7	25.9	41.	
angladesh	3,549	4,885	5,155	5,968	2,998	48	2,886	77	173	214	7.1	14.3	16	
olivia	2,229	3,105	3,203	3,259	1,591	840	757	290	321	214	27.8	37.8	29	
olivia Irazil Jurma <sup>5</sup> Jameroon	40,105	59,494	68,535	73,894	7,113	57,543	6,921	8,040	7,513	7,776	34.5	24.8	26	
urma "	1,452	1,829	2,250 1,738	2,947 1,975	1,873	195 304	744 709	112 186	160	197 238	8.9	37.4 8.7	(N	
hile	4 740	6,872	10,839	12,734	714	10,186	1,481	1,375	1,259	1,230	21.9	26.2	26	
hina: Mainland	793	3,280	4,023	7,020	(NA)	(NA)	(NA)	65	343	(NA)	.3	1.2		
olombia	4,084	6,885	7,980	9,377	1,916	(NA) 3,638	3,245	529	1,095	1,407	9.0	20.5	(N 29	
ongo	1,117	1,519	1,559	1,760	634	671	309	93	258	323	9.0	19.0	(N	
orta Dica	1,701	3,325	3,358	3,665	1,007	1,911	738	205	350	464	16.8	26.7	36	
Costa Rica Cominican Republic	1,191	2,181	2,384	2,521	1,185	735	567	154	167	220	11.7	12.1		
cuador	3,300	6,269	6,634	7,121	1,149	4,908	814	559	991	939	18.8	33.4	28	
gypt	12,388	15,403	16,368	17,751	10,836	848	3,968	1,401	1.828	2.249	21.5	24.8	33	
Salvador	527	1,346	1,387	1,460	676	150	634	42	194	196	3.3	20.3	(N	
thiopia	701	1,225	1,398	1,742	852	152	609	34	84	105	6.0	13.5	(N	
hana	1,099	1,132	1,113	1,170	461	3	566	94	82	82	7.7	13.5	12	
reece	4,/68	8,206	9,457	12,452	705	9,870	1,741	915	1,344	1,760	10.9	18.3	24	
uatemala	549	1,389	1,991	2,148	644	793	711	45	195	255	2.4	15.4	21	
uinea	1 032	1,249	1,170	1,292	814	45	263	95	116	66	(NA)	(NA)	(N	
onduras	991	1,614	1,860	2,178	629	409	1,088	98	130	170	10.2	14.9	17	
lungary	6,409	6,548	7,380	10,138	953	7,942	345	1,417	2,539	2,582	13.9	24.2	25	
lungarydia 5donesia	17,550	21,152	22,295	26,649	10,455	3,218	12,746	1,038	1,464	1,885	8.4	10.7	13	
donesia	14,971	21,685	22,862	26,625	9,854	7,894	5,103	1,758	3,251	4,015	7.9	14.7	20.	
raelory Coast	11,495	14,986	15,765	15,850	11,161	4,584	86	1,392	1,798	2,110	14.2	17.1	19.	
ory Coast	4,334	4,793	4,955	5,700	1,401	2,888	1,217	874	605	577	24.0	19.7	17.	
amaica	1,438	2,394	2,554	2,823	1,637	428	732	202	253	398	14.2	19.0	36.	
ordan	1.279	2,230	2,487	2,693	1,441	674	399	133	207	454	7.8	10.4	22	
enya	2,241	2,431	2,624	2,857	1,094	364	1,343	253	346	386	12.3	21.4	25.	
adagascar	958	1,860	1,987	2,340	1,381	307	498	59	74	117	11.5	18.9	(N/	
enya ladagascar lalaysia	3,858	10,593	12,226	13,834	2,098	9,961	1,172	376	1,480	3,969	2.5	7.8		
lauritanialexico	/32	1,166	70,071	1,363 72,510	887 2,645	63,894	341 5,754	7,901	11,343	10,977	11.1 32.1	13.1	(NJ 36	
icasco	33,307	00,758	10,011	12,510	2,045	03,094	3,734	7,501	11,343	10,577	32.1	34.5	30.	
forocco	7,110	10,153	10,556	11,230	5,403	3,842	1,776	1,193	761	1,034	36.5	25.2	32	
icaragua	1,683	3,383	4,010	4,753	2,691	1,307	720	82	64	41	16.0	(NA)	30	
igeria	4,238	12,237	11,641	13,016	978	B,456	1,317	504	3,155	4,004	1.8	25.5		
licaragualigeria	440	1,132	1,345	1,946	253	1,484	113	197	214	255	5.1	4.5	4	
akistan	8,785	9,753	9,990	10,681	6,914	637	3,031	593	937	1,072	17.9	27.1	29	
anama	2,283	3,147	3,230	3,276	403	2,089	741	466	536	432	6.0	8.2	6	
apua New Guinea	510	927	990	1,061	116	561	380	61	138	131	5.6	13.4	(N	
araguay	6.169	1,144 8,664	1,287 9,612	1,525	503 3,449	456	1,314	80	117 582	153 299	31.2	13.5	7	
		10,578	11,612	13,561	3,449	4,360 6,237	3,504	1,512	1,115	1,257	7.4	13.9	15	
ortugal	6.576	9,958	10,036	10,803	1,335	8,102	1,217	1,033	2,631	2,502	15.1	36.8	31	
omania	7 131	7,577	6,337	5,801	1,103	2,998	1.629	1,156	1,851	1,773	9.5	13.6	13	
enegal	961	1,497	1,530	1,989	1,175	245	563	179	84	89	20.1	(NA)	(N	
ingapore	1.320	1,495	1,905	1,791	246	1,234	139	263	317	722	1.0	1.0	2	
omalia	714	1,236	1.277	1,308	758	36	499	9	27	57	4.3	25.1	44	
ortugal	16,227	22,689	24,983	29,126	5,724	17,251	4,435	2,770	4,671	5,030	12.3	13.9	15.	
ri Lanka	1,344	2,215	2,422	2,815	1,426	606	742	84	202	226	6.3	11.2	13.	
udan	3,802	5,684	5,663	5,086	3,182	886	990	104	104	130	10.1	13.2	15.	
yria		2,305	2,415	2,751	2.132	45	476	297	330	360	11.6	12.9	14	
anzania	2.042	2,662	2,758	2,982	1.346	328	1,065	73	69	61	10.2	(NA)		
hailand	4.100	7,000	7,539	9,898	2,649	3,814	3,096	434	1,251	1,499	5.1	12.0	14.	
rinidad and Tobago	623	886	915	1,087	180	866	42	216	127	184	6.4	4.6	7.	
unisia	3,230	3,858	3,802	4,442	2,310	1,101	808	431	654	677	12.9	23.4	24.	
urkey	15,441	15,687	16,112	17,821	7,558	4,798	4,813	881	2,288	3,502	24.0	23.4	30.	
ruguay	1,127	2,510	2,545	2,686	142	2,225	295	198	411	406	12.4	29.8	30.	
enezuela	10.873	12,914	17,249	16,650	67	16,441	74	2,964	2,537	2,160	13.3	13.4	12	
emen (Aden)	499	903	1,044	1,446	1,117	-	329	14	77	114	7.7	47.9	(N	
emen (Sanaa)	900	1,574	1,688	1,868	1,377	10	478	21	68	126	6.1	26.9		
remen (Aden) remen (Sanaa) rugoslavia *	4,598	7,252	8,681	9,919	2,267	5,452	2,200	616	946	1,170	4.5	8.0	9.	
aire	4,288	4,380	4,236	4,821	3,366	640	693	365	319	341	16.7	14.8	(NA	
.ambia	2,182	2,616 1,539	2,812	3,214	1,770	441	750	294	117	86	18.1	12.0	10.	
imbabwe			1,413		400	850	251	44	272	326	2.6	19.9		

<sup>-</sup> Represents zero. NA Not available. ¹ Includes other types of creditors, not shown separately. ¹ Includes other private financial institutions. ¹ Debt service payments as percent of exports. ¹ The increase in debt cutstanding from 1900 to 1983 includes the refinancing of short-term private debt by public debt, which matures in 1908-87. ¹ Flacel year basis. ¹ The bulk of the debt of Yugoslavian enterprises is reported as nonguaranteed.

# No. 1422. NET FLOW OF FINANCIAL RESOURCES TO DEVELOPING COUNTRIES, BY ORIGIN AND TYPE OF RESOURCE: 1970 TO 1986

[th billions of U.S. dollars. Not flow covers loans, grants, and grant-like flows minus amortization on loans. Military flows are sucluded. Developing countries cover countries designated by Development Assistance Committee as developing. The DAC list differs from the UN list (see table 1378) by the inclusion of Greece, Malta, Portugal, Spain (through 1981), and Vigoelavia, and the exclusion of South Africa. Official development seletance covers all flows to developing countries and multilateral institutions provided by official agencies, including State and local governments, or by their executive agencies, which are administered with the promotion of economic development and welfare of developing countries as their main objective and whose financial terms are intended to be concessional in character with grant element of at least 25 percent. Other official flows cover export credits and portiolio investment from the official sector)

ORIGIN AND TYPE OF RESOURCE	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986, est.
Development Assistance Committee countries 1	15.9	44.8	75.9	75.3	91.4	84.0	70.1	84.3	47.3	69.2
Official development assistance		13.8	22.8	27.3	25.5	27.7	27.6	28.7	29.4	36.8
Bilateral grants 2		6.3	11.7	14.1	13.2	13.4	14.2	15.5	17.8	21.0
Bilateral loans		3.5	4.6	4.0	5.0	5.0	4.4	4.2	4.1	5.2
Multilateral contributions 3		4.0	6.5	9.2	7.3	9.3	9.0	9.0	7.5	10.6
Other official flows		3.9	2.9	5.3	6.6	7.4	4.9	6.2	3.4	3.6
Private flows at market terms		25.7	48.1	40.7	57.2	46.6	35.4	46.8	11.5	25.5
Direct investment		10.3	12.4	10.5	15.4	10.4	- 7.8	11.1	6.6	10.2
Private export credits	2.2	3.5	9.4	11.5	10.5	7.3	5.3	4.2	1.5	3.5
Portfolio investment		11.9	26.3	18.7	31.3	28.8	22.2	31.5	3.4	11.9
Private voluntary agencies		1.3	2.0	2.4	2.0	2.3	2.3	2.6	2.9	3.3
Organization of Petroleum Exporting Countries 4	.6	8.8	8.0	10.8	10.8	7.7	5.9	3.7	4.1	(NA
Official development assistance		6.2	7.4	9.7	8.3	5.8	5.0	4.6	3.6	4.6
Other official flows	2	2.6	6	1.1	2.5	1.9	9	9	.5	(NA
Centrally-planned economies: 5	-	2.0	.0		2.0	1.0		-,0		1
Official development assistance	1.0	1.5	2.1	2.6	3.1	3.2	3.1	3.2	3.6	4.2
Total net flow to developing countries, by DAC country 1	15.9	44.8	75.9	75.3	91.4	84.0	70.1	84.3	47.3	69.2
United States		17.7	18.8	13.9	26.4	30.2	23.0	28.6	1.8	12.1
Official development assistance	3.2	4.2	4.7	7.1	5.8	8.2	8.1	8.7	9.4	9.6
Bilateral grants 1		1.7	25	3.0	3.2	3.8	4.5	5.6	7.3	7.0
Bilateral loans		1.2	1.6	1.4	1.2	1.1	1.0	8.8	1.3	.6
Multilateral contributions 3		1.2	1.6	2.8	1.5	3.3	2.5	2.3	1.2	20
Other official flows		9	1.1	1.1	9	1.6	(z)	1.0	2	6
Private flows at market terms	2.5	11.8	12.0	4.3	18.7	19.1	13.6	17.4	-93	1.3
Direct investment	1.9	7.2	8.0	3.4	6.5	5.5	2.3	44	-9.3	3.1
Private export credits and portfolio investment	1.6	4.6	4.0	.9	12.2	13.6	11.2	13.0	-10.2	-1.6
Private export credits and portiolio investment	.6	8	1.0	1.3	1.0	1.3	1.3	1.5	1.5	1.8
Private voluntary agencies		.6	9	9	8	1.2	1.0	1.5	1.2	1.6
Australia		2	3	.9	.3		1.0	1.5	1.2	3
Austria		.9		29		.1		3.5		-3
Belgium	.3	2.0	2.3	3.2	2.8 5.8	1.9	1.0	2.8	1.3	1.6
Canada			2.4				2.6			1.6
Denmark	.1	.3	.8	.8	.9	.8	1.1	.6	.3	
Finland		.1	.2	2	2	2	.2	8.9		9.5
France		3.9	8.8	11.6	11.5	13.6	9.3		8.9	
Ireland		(Z)	(Z)	(Z)	(z) 3.7	(Z) 5.0	(Z)	.1	-1	3.7
Italy			4.1		3.7			2.3	2.2	
Japan		2.9	7.6	6.8	12.2	8.8	8.0	16.0	12.9	14.2
Netherlands	.4	1.3	2.0	2.4	2.2	2.5	2.2	2.0	2.6	2.8
New Zealand	(Z)	.1	.1	.1	.1	.1	.1	.1	.1	1
Norway	.1	.3	.8	.9	.7	.8	7	1.5	1.7	1.5
Sweden	.2	.8	1.2	1.9	1.4	1.8	1.3	1.3	1.4	1.7
Switzerland	.1	.7	5.0	2.7	23	3.2	3.3	3.4	2.3	3.5
United Kingdom	1.3	6.6	13.5	12.2	11.9	6.3	5.8	4.8	2.4	7.4
West Germany	1.5	5.0	7.3	10.6	8.1	7.0	7.0	6,5	5.7	7.5

NA Not evellable. Z Less than \$50 million. ¹ includes flows to OPEC countries (see footnote 4), Comprises as donors Australia, Austria, Belgium, Canada, Denmark, Firland, France, Ireland, Italy, Japan, Netherlands, New Zealand, Norwey, Sweden, Buttzerland, United Ringdom, United States, and West Germany. ⁵ includes "grant-filer" flows (i.e., Jones repsyable in recipients' currencies). ⁵ includes capital subscriptions to multilateral organizations in the form of demand instruments as of date of less. ⁴ Algeria, Ecuador, Gebon, Iren, Iraq, Kurest, Libya, Nigeria, Ceter, Saudi Arabia, United Arab Emirates, and Vanezuels. ⁵ Bulgaria, Czechoslovakia, East Germany, Hungary, Poland, Romania, and Soviet Union.

# NO. 1423. PER CAPITA PUBLIC AND PRIVATE AID TO DEVELOPING COUNTRIES: 1980 TO 1986

(in deliars. See headnote, table 1422. Private aid figures exclude government subsidies to voluntary agencies, Countries are ranked by per capita gross national product in 1986)

COUNTRY	OFFICIAL DEVELOPMENT ASSISTANCE			PRIVATE VOLUNTARY AID			COUNTRY	DE	OFFICIAL VELOPMI SSISTAN	ENT	PRIVATE VOLUNTARY AID		
	1980	1985	1986	1980	1985	1986	100	1980	1985	1986	1980	1985	1986
Switzerland United States Japan Norway Sweden Denmark West Germany Finland Canada	40 31 29 119 116 92 58 23 45	46 39 31 136 101 86 48 43 64	1 66 1 41 46 191 130 136 64 64 66	10 6 (Z) 8 7 3 7 3 4	8 6 (z) 12 9 3 7 3 7	1 9 7 (z) 14 10 14 9 (z) 7	France	77 24 115 60 33 45 12 23 9	72 33 78 45 27 48 19 17	93 26 119 156 131 47 42 123 117	1 3 6 5 2 3 (2) 2	1 2 7 2 3 3 (Z) 3 6	1 1 13 10 (Z) 13 2 (Z)

<sup>-</sup> Represents zero. Z Less than 50 cents. 1 Estimated.

## No. 1424. MILITARY EXPENDITURES IN CURRENT AND CONSTANT (1983) DOLLARS: 1975 TO 1984

[in millions of dollars, except as indicated. See also table 517. For most countries, data for expenditures and for GNP were based on local currencies which were deflated to constant 1983 local currency values before conversion to U.S. dollar equivalents. In general, the rates used for conversion are the 1983 average par/market exchange rates as supplied by the international Bark for Reconstruction and Development()

		CUR	RENT DOL	LARS		CONSTANT (1983) DOLLARS							
COUNTRY	1975	1980	1982	1983	1984	1975	1980	1984	Per capita (dollars)		Percent of GNP 1		
						100			1980	1984	1980	198	
United States	90,950	144,000	196,400	217,200	237,100	157,900	174,200	229,200	765	968	5.3	6.	
Algeria 3	423	968	1,921	1,420	1,403	734	1,171	1,357	62	63	2.9	2	
Argentina	781	2,036	3,461	1,420	2,327	1,357	2,463	2,250	87	74	3.6	3	
Australia	1,539	2,969	3,851	4,308	4,657	2,672	3,593	4,502	246	291	2.5	2	
Austria	344	604	2 773	2 890	2 921	597	731	2 891	97	118	1.1	1.	
Belgium	1,253	2,241	2,629	2,672	2,669	2,175	2,712	2,580	275	262	3.3	3.	
Brazil	994	1,191	1,833	1,726	1,778	1,726	1,441 3,777	1,719	12	13	.7	1 -4	
Bulgaria 2,	2,181	3,121	4,137	4,310	4,532	3,786	3,777	4,381	426	489	7.3	7.1	
Canada	2,903	4,733 625	6,245 742	6,563 759	7,604	5,039 700	5,727 757	7,350 790	238 69	292 67	3.6	4.	
Chile China:	404	625	142	109	017	700	151	190	69	0/	3.6	-	
Mainland 3	12,730	19.060	21,680	22,670	24,040	22,110	23,070	23,240	23	23	10.5	7.5	
Taiwan	1,099	2,353	3,536	4,085	3,867	1,908	2,847	3,738	160	196	6.6	6.0	
Cuba 2	393	1,140	1,330	1,470	1,600	682	1,380	1,547	143	155	6.5	5.5	
Czechoslovakia #	3,715	5,386	6,885	7,271	7,642	6,449	6,518	7,388	427	478	5.4	5.1	
Denmark	682	1,091	1,319	1,375	1,395	1,183	1,320	1,349	258	264	2.5	24	
East Germany 2	4,687	7,265	9,293	9,966	10,680	8,136	8,791	10,330	525	619	5.8	6.1	
Egypt <sup>a</sup>	3,593	2,322	5,476	5,894	5,122	6,237	2,810	4,952	67	104	9.2	13.5	
El Salvador <sup>2</sup> Finland	29 329	101 594	154	160	251	51	123	243 764	26	50	2.7	6.1	
riniano	9,459	16,700	20,340	21,650	790 22,350	16,420	20,210	21,600	150 375	156	1.6	1.5	
France	1,096	1,615	2,273	2,195	2,664	1,903	1,954	2,575	203	260	4.0 5.5	7.	
Greece	1,827	2,640	3,114	3,197	3,286	3,171	3,195	3,177	298	298	4.4	4	
Hungary #	2,499	4,496	5,948	6,776	2 7,141	4,338	5,441	2 6,903	8	290	3.4	3.6	
Indonesia	1,024	1,726	2,268	2,125	2,211	1,778	2,089	2,138	13	13	3.1	2.6	
Iran 2	13,210	7,538	9,283	8,163	11,360	22,940	9,121	10,980	235	251	6.6	7.2	
lraq 2	3,058	11,230	14,090	13,990	14,640	5,308	13,590	14,150	1,035	944	22.5	42	
3/86	3,546	6,085	5,456	6,308	7,206	6,155	7,364	6,966	1,955	1,721	30.4	27.1	
Italy	4,224	7,135	8,903	9,481	10,110	7,331	8,635	9,771	153	171	2.4	2.7	
Japan	4,280	8,155	10,470	11,600	12,700	7,430	9,868	12,280	84	102	.9	1.0	
Kuwait	692 433	897	1,127	1,408	1,438	1,201	1,086	1,391	793	850	3.0	5.3	
Malaysia	444	875 471	1,545	* 1,443 726	2 1,193 966	752 771	570	* 1,154 934	77	76 12	4.4	3.5	
Mexico	250	639	803	657	666	434	773	643	38	28	6.5	5.0	
Netherlands	2.191	3,450	4,059	4.257	4,510	3,803	4,175	4,360	295	302	3.1	3.1	
Nicaragua *	39	151	330	348	473	68	183	457	67	146	5.8	13.	
Nigeria		1,960	* 1,758	1 1,644	1,210	4,016	2,371	* 1,170	26	12	2.7	1.3	
Nigeria North Korea <sup>2</sup>	2,000	3,500	4,600	4,900	5,200	3,472	4,235	5,027	237	256	22.6	22.6	
Norway	767	1,250	1,531	1,699	1,679	1,332	1,513	1,623	370	392	3.0	2.5	
Oman	699	1,180	1,685	1,944	2,111	1,213	1,428	2,040	1,460	1,728	22.1	27.7	
Pakistan	664	1,068	1,499	1,934	1,990	1,153	1,292	1,923	15	20	5.0	5.8	
Peru <sup>2</sup>	436	851	970	921	1,450	757	1,030	1,402	60	73	4.9	7.	
Philippines	422	512	533	549	396	732	619	383	12	7	1.9	1.4	
Poland 1	6,355	9,559	12,350	12,240	13,440	11,030	11,570	12,990	325	352	5.2	5.7	
Portugal	468	578	680	693	680	813	700	658	71	66	3.6	3.5	
Qatar	85	604	(NA)	(NA)	5,350	147	731	(NA)	3,184	(NA)	9.3	(NA	
Romania 2	2,852	3,794	4,914	5,189		4,951	4,591	5,172	207	228	4.3	4.4	
Saudi Arabia Singapore	6,360 257	16,330 582	24,010 773	27,020	1,015	11,040	19,760	21,480 982	2,098	1,990	14.4	21.3	
South Africa	1,414	3,219	2 2,779	* 3,737	2 3,540	2,454	3.896	2 3,422	136	108	5.2	4.2	
South Korea	1 144	3,069	4,052	4,390	4,590	1,985	3,714	4,437	94	106	6.1	5.4	
South Korea Soviet Union 2	121,000	196,000	232,000	247,000	260,000	210,000	237,200	251,300	94 893	914	12.8	12.6	
Spain	2,192	2,437	3,085	3,335	a 3,633	3,805	2,949	* 3,512	79	91	1.9	21	
Sweden	1,573	2,261	2,737	2,888	2,928	2,731	2,736	2,831	329	340	3.1	3.1	
Switzerland	1,023	1,648	1,945	2,055	2,203	1,775	1,994	2,130	312	331	2.0	2.0	
Syria	1,145	2,316	2,730	2 4,044	4,255	1,987	2,802	* 4,114	319	405	16.9	22.4	
Thailand	361	1,123	1,442	1,519	1,682	627	1,359	1,626	29	32	4.0	3.9	
Turkey	1,312	1,593	2,450	2,469	2,467	2,278	1,928	2,385	43	48	4.4	4.5	
United Arab Emirates	34	1,724	1,980	1,973	1,932	59	2,087	1,868	2,118	1,500	6.2	7.4	
United Kingdom	11,610	18,190	21,070	24,170	25,410	20,150	22,010	24,570	391	436	5.0	5.3	
Venezuela	675	17 690	1,143	995	1,067	1,172	903	1,031	60	61	1.3	1.6	
West Germany	11,490	17,680	20,970	22,130	22,780	19,940	21,390	22,020	347	360 75		3.5	
Yugoslavia	1,089	1,664	1,707	1,665	1,791	1,891	2,013	1,731	90	/5	4.3	3.6	

NA Not available. 

1 Military expenditure as percent of gross national product. For additional information on comparisons between communist and noncommunist countries, see footnote 4, table 517.

2 Estimated.

Source: U.S. Arms Control and Disarmament Agency, World Milliary Expenditures and Arms Transfers, annual.

# O. 1425. ARMED FORCES PERSONNEL-NUMBER AND RATE, BY COUNTRY: 1975 TO 1984

(e) data as of July. Armed Forces refer to active-duty military personnel, including paramilitary forces where those forces resemble regular units in their organization, equipment, training, or mission. Reserve forces are not included]

Section 1		ARMED F	ORCES PE	ERSONNE	L (1,000)		ARMED FORCES PER 1,000 POPULATION						
COUNTRY	1975	1980	1981	1982	1983	1984	1975	1980	1981	1982	1983	1984	
ntoe	2,098	2 101	2 160	2,201	2,222	2,244	0.7	9.2	9.4	9.5	9.5	9.5	
ales	2,090	2,101	2,168	2,201	2,222	2,294	9.7	9.2	9.4	9.5	9.5	9.5	
	80	101	101	120	130	170	5.0	5.4	5.2	6.0	6.3	7.9	
	160	155	155	175	175	174	6.1	5.5	5.4	6.0	5.9	5.8	
	70	71	72	73	73	71	5.1	4.9	4.8	4.8	4.8	4.6	
	50	40	40	40	50	40	6.6	5.3	5.3	5.3	6.6	5.3	
	103	108	110	109	109	107	10.5	10.9	11.1	11.0	11.1	10.9	
	455 175	450 162	450 165	460 175	460 177	459 177	20.1	18.3	3.6 18.6	3.6 19.6	3.5 19.8	19.8	
-	78	82	81	82	81	82	3.4	3.4	3.3	3.3	3.3	3.3	
	110	116	116	116	126	123	10.8	10.5	10.4	10.2	10.9	10.4	
	1000	10000	1000	(C)	1000	- 1	1,0,0	1.070	1,000	100	1.202	1 5	
d	4,300	4,650	4,750	4,350	4,100	4,100	4.7	4.7	4.8	4.3	4.0	4.0	
	504	465	461	457	454	470	31.3	26.1	25.4	24.8	24.2	24.7	
	120	220	225	230	250	297	12.9	22.8	23.2	23.5	25.3	29.7	
wakia	210	212	212	213	214	213	14.2	13.9	13.8	13.9	13.9	13.8	
	34	33	33	32	30	31	6.7	6.4	6.4	6.2	5.9	6.1	
nany	220	231	232	233	240	240	13.1	13.8	13.9	14.0	14.4	14.4	
	400	447	447	447	447	466	10.8	10.6	10.2	9.9	9.6	9.8	
DF	8	16	23	28	32	45	1.9	3.4	5.0	6.0	6.7	9.2	
	40	36	36	36	40	40	8.5	7.5	7.5	7.5	8.2	8.2	
	585	575	575	578	578	571	11.1	10.7	10.6	10.6	10.6	10.4	
	185	186	188	186	177	197	20,5	19.3	19.3	19.0	18.0	19.9	
***************************************	12	14	17	17	19	20	3.8	3.7	4.3	4.2	4.5	4.6	
	118	119	120	110	105	105	11.2	11.1	11.2	10.3	9.8	9.8	
	1,670	1,104	1,104	1,120	1,250	1,380	2.7	1.6	1.6	1.6	1.7	1.8	
	260	250	265	280	280	261	1.9	1.6	1.7	1.7	1.7	1.7	
······································	385	305	260	240	240	335	11.5	7.9	6.5	5.8	5.6	7.6	
	155 172	430 196	392	404 205	434 205	788 205	13.9	32.7 52.0	28.9 52.4	28.8 52.6	29.9 51.7	52.5 50.6	
************************	459	500	505	517	498	508	8.3	8.9	8.9	9.1	8.8	8.9	
	237	242	241	243	241	241	2.1	2.1	2.0	2.1	2.0	2.0	
***************************************	201	646	671	240	241	241	6.1	6.0	2.0	-	2.0	11.5	
	25	12	12	13	13	15	24.8	8.8	8.4	8.7	8.3	9.2	
***************************************	76	83	90	95	105	105	6.2	6.0	6.4	6.6	7.1	6.9	
	95	120	125	130	130	129	1.5	1.7	1.7	1.8	1.7	1.7	
***************************************	75	117	120	125	135	149	4.1	5.7	5.7	5.8	6.1	6.6	
ds	107	107	108	106	104	103	7.8	7.6	7.6	7.4	7.2	7.1	
	5	24	39	41	46	67	2.1	8.7	13.6	13.9	15.2	21.4	
	270 470	150 700	144 768	144 782	144 784	144 784	3.5 29.6	39.1	1.5	41.7	40.9	39.9	
ea	38	40	39	40	41	39	9.6	9.7	9.4	9.7	9.9	9.4	
***************************************	12	15	15	15	20	25	15.7	15.3	14.6	13.9	17.7	21.2	
	502	467	549	584	584	646	6.7	5.5	6.2	6.4	6.2	6.7	
***************************************	95	151	157	164	167	135	6.3	8.7	8.8	9.0	8.9	7.0	
9	120	155	156	157	157	157	2.7	3.1	3.0	3.0	2.9	2.8	
	435	421	424	429	430	430	12.8	11.8	11.8	11.8	11.8	11.6	
	104	88	88	91	93	100	11.0	9.0	9.0	9.2	9.4	10.0	
		1 2	135	1.50	1 1 1 1 1		10000	1.5532	2.5	1.005	6.20	257	
	5	6	6	6	- 6	6	30.3	26.1	24.8	23.6	22.5	21.5	
L.	220	215	214	238	244	244	10.4	9.7	9.6	10.6	10.8	10.8	
bia	75	79	79	80	80	95	10.3	8.4	8.1	7.9	7.7	8.8	
	27	50	59	60	60	59	11.9	20.7	24.1	24.3	24.0	23.3	
Ca	630	70 600	78 606	78	77	97	17.2	15.2	2.6	2.6	2.5	3.1	
ion	4,100	4,400	4,400	601 4,500	4,500	4,500	16.1	16.6	15.1	16.7	16.5	14.3	
NOT THE REAL PROPERTY OF THE PA	375	341	341	353	340	411	10.5	9.1	9.0	9.3	8.9	10.7	
***************************************	75	70	70	70	68	69	9.2	8.4	8.4	8.4	8.2	8.3	
id	25	23	23	23	28	25	3.9	3.6	3.6	3.6	4.3	3.9	
	230	250	270	300	400	402	31.0	28.4	29.7	31.8	40.9	39.6	
	227	234	250	250	250	250	5.4	5.0	5.2	5.1	5.0	4.9	
	584	717	741	769	824	815	14.4	15.9	16.0	16.3	17.0	16.5	
ab Emirates	21	44	44	44	44	44	40.4	44.7	40.7	38.1	36.5	35.3	
ngdom	348	330	341	335	333	336	6.2	5.9	6.0	5.9	5.9	6.0	
1	55	55	55	56	56	64	4.3	3.7	3.6	3.5	3.4	3.8	
	643	900	1,000	1,000	1,000	1,000	25.8	16.8	18.2	17.8	17.4	16.9	
******************************													
	491 270	490 258	493 260	495 258	496 259	487 259	7.9	8.0	8.0 11.6	8.0 11.4	8.1 11.4	11.3	

U.S. Arms Control and Disarmament Agency, World Military Expenditures and Arms Transfers, annual.



# Appendix I

# Guide te — Sources ef Statistics, State Statistical Abstracts, and Fereign Statistical Abstracts

Alphabetically arranged by subject, this guide contains references to the important primary sources of statistical information for the United States. Secondary sources have been included if the information contained in them is presented in a particularly convenient form or if primary sources are not readily available. Nonrecurrent publications presenting compilations or estimates for years later than 1977 or types of data not available in regular series are also included.

Much valuable information may also be found in State reports (see pp. 866-869) and foreign statistical abstracts (see pp. 870 and 871) and in reports for particular commodities, industries, or similar segments of our economic and social structures, many of which are not included here.

Publications listed under each subject are divided into two main groups: "U.S. Government" and "Other." The location of the publisher of each report is given except for Federal agencies located in Washington, DC. Most Federal publications may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402, tel. (202) 783-3238, or from Government Printing Office bookstores in certain major cities. In some cases, Federal publications may be obtained from the issuing agency.

Major reports, such as the Census of Population, which consist of many volumes, are listed by their general, all-inclusive titles.

## **Bureau of the Census Publications**

In most cases, separate reports of the most recent censuses are available for each State, subject, industry, etc. Complete information on publications of all the censuses and current surveys conducted by the Bureau of the Census appears in the Bureau of the Census Catalog, published annually and available from the Superintendent of Documents.

Abortions—see Vital Statistics.

Accidents—see also Health; Insurance; and Vital Statistics

U.S. Government

**Bureau of Labor Statistics** 

Handbook of Labor Statistics. Periodic. (1985, most recent.)

Injuries to Construction Laborers. 1986. (Bulletin No. 2252.)

Injuries in the Logging Industry. 1984. (Bulletin No. 2203.)

Injuries Resulting From Falls From Elevations. 1984. (Bulletin No. 2195.)

Injuries Resulting From Falls On Stairs. 1984. (Bulletin No. 2214.)

Injuries to Warehouse Workers. 1986. (Bulletin No. 2257.)

Occupational Injuries and Illnesses in the United States by Industry. Annual.

Department of Transportation

Transportation Safety Information Report. Quarterly.

Federal Railroad Administration

Accident/Incident Bulletin. Summary, statistics, and analysis of accidents on railroads in the United States. Annual. Accidents—Con.

U.S. Government-Con.

Federal Railroad Administration—Con.

Rail-Highway Crossing Accident/Incident and Inventory Bulletin. Annual.

Mine Safety and Health Administration

Informational Reports by Mining Industry: Coal, Metallic Minerals, Nonmetallic Minerals (except stone and coal), Stone, Sand, and Gravel. Annual.

Mine Injuries and Worktime. (Preliminary data.) Quarterly.

National Center for Health Statistics
Vital Statistics of the United States.
Annual.

National Transportation Safety Board Accidents, Annual.

Other

Metropolitan Life Insurance Company, New York, NY

Health and Safety Education. Statistical Bulletin, Quarterly.

## ccidents-Con.

Other-Con.

National Fire Protection Association, Quincy, MA

Fire Journal. Birnonthly.

National Safety Council, Chicago, IL Accident Facts. Annual.

.griculture—see also Food; Foreign Commerce; Labor; Money and Banking; and Population

## U.S. Government

Bureau of the Census

Census of Agriculture. Quinquennial. (1982, most recent.)

U.S. Commodity Exports and Imports as Related to Output. Annual. (Series ES2.)

Bureau of the Census and Bureau of Mines Raw Materials in the United States Economy; 1900-1977. (Issued 1980. Working Paper No. 47.)

## **Bureau of Reclamation**

Annual Report.

**Summary Statistics:** 

Vol. I, Water, Land, and Related Data.
Vol. II, Finances and Physical Features.

Vol. III, Project Data.

Commodity Futures Trading Commission Annual Report.

Commitments of Traders in Commodity Futures. Monthly.

## Department of Agriculture

Agricultural Chartbook, 1986. Annual.

Agricultural Economics Research. Quarterly Journal.

Agricultural Finance, Outlook and Situation. Annual.

Agricultural Finance Statistics, 1960-83. (Statistical Bulletin No. 706.) April 1984.

Agricultural Outlook. 11 issues.

Agricultural Price Reports. Reports on prices received for farm commodities, prices paid for farm supplies, indexes and parity ratios. Monthly and annual.

Agricultural Statistics. Annual.

Conversion Factors and Weights and Measures for Agricultural Commodities and Products. March 1979. (Statistical Bulletin No. 616.)

Crop Production Reports. Acreage, yield, and production of various commodities. Monthly and annual.

Crop Values Report. Price and value of various commodities. Annual.

## Agriculture-Con.

U.S. Government-Con.

Department of Agriculture-Con.

Economic Indicators of the Farm Sector.
A series of 5 annual issues.

Farmline. 11 issues.

Food Consumption, Prices, and Expenditures, 1984/84. (Statistical Bulletin No. 736.) Revised annually.

Foreign Agricultural Trade of the United States (FATUS). 6 issues with annual supplements on calendar year and fiscal year trade data.

Fruit and Vegetable Reports. Acreage, yield, production, value, and utilization of various fruits and vegetables. Periodic.

The Hired Farm Working Force of 1981. (Agricultural Economic Report No. 507.)

Landownership in the United States. 1978. (Agricultural Economic Report No. 435.)

Livestock and Livestock Products. Reports pertaining to cattle, cattle on feed, hogs and pigs, lamb crop, livestock slaughter, sheep and goats, and wool and mohair. Periodic.

Major Uses of Land in the United States, 1982. 1985.

Milk and Dairy Products Reports. Milk cows, milk production, and dairy products. Monthly and annual.

Other Reports. Reports on varied items including cold storage, farm employment and wages, farm production expenditures, mink, mushrooms, and floriculture crops. Monthly and annual.

Pouttry and Egg Reports. Reports covering eggs, chickens, turkeys, hatcheries, egg products, and poultry slaughter. Weekly, monthly, annual.

Rural Development Perspectives. : issues.

Situation Reports. Issued for cotton and wool, dairy, feed, fruit, inputs, livestock and poultry, oil crops, rice, sugar and sweeteners, tobacco, vegetables, wheat, and world agriculture. Monthly, quarterly, annual.

Statistics of Farmer Cooperatives.

Statistics on Oilseeds and Related Data, 1965-82. (Statistical Bulletin No. 695.)

Stock Reports. Stocks of grain, hops, peanuts, potatoes, rice, and soybeans. Quarterly, annual, periodic.

Weekly Weather and Crop Bulletin. Report summarizing weather and its effect on crops the previous week.

## Agriculture-Con.

## U.S. Government-Con.

Farm Credit Administration

Annual Report.

Loans and Discounts of Farm Credit Banks and Associations. Annual.

National Oceanic and Atmospheric Administration

Weekly Weather and Crop Bulletin. National summary.

Soil Conservation Service

National Resources Inventory, 1982. Periodic.

Report of Administrator of Soil Conservation Service, Annual.

Air Force-see National Defense.

Air Pollution—see Environment.

Aliens-see Immigration.

American Samoa-see Outlying Areas.

Area-see Geography.

Army-see National Defense.

Aviation—see Transportation.

Banks and Banking-see Money.

Births-see Vital Statistics.

Broadcasting-see Communications.

Building Permits-see Construction.

Business—see also Economic Indexes; Investments; Manufactures; Retail and Wholesale Trade; Science Resources; and Service Establishments

## U.S. Government

Administrative Office of the United States Courts

Annual Report of the Director.

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin, Monthly,

## Bureau of the Census

Census of Retail Trade. Quinquennial. (1982, most recent.)

Census of Service Industries. Quinquennial. (1982, most recent.)

Census of Wholesale Trade. Quinquennial. (1982, most recent.)

County Business Patterns. Annual.

Current Business Reports. Retail Trade, Sales, and Inventories, BR; and Wholesale Trade, Sales, and Inventories, RW

Minority-Owned Businesses. Quinquenniai. (1977 and 1982.)

## Business-Con.

U.S. Government-Con.

Bureau of the Census-Con.

Quarterly Financial Report for Manufacturing, Mining, and Trade Corporations.

Bureau of Economic Analysis

Business Conditions Digest. Monthly.

Business Statistics: 1984. 1985.

The Detailed Input-Output Structure of the U.S. Economy, 1977. 1984.

Fixed Reproducible Tangible Wealth in the United States, 1925-79. 1982.

Handbook of Cyclical Indicators. 1984.

The National Income and Product Accounts of the United States, 1929-1982: Statistical Tables. 1986.

Selected Data on U.S. Direct Investment Abroad, 1950-79. 1985.

Summary input-Output Tables of the U.S. Economy: 1976, 1978, and 1979. 1983. (Staff Paper No. 39.)

Survey of Current Business. Monthly.

Council of Economic Advisers

Economic Indicators. Monthly.

Economic Report of the President Annual.

Federal Trade Commission

Mergers & Acquisitions, 1972-1974. 1978.

Internal Revenue Service

Statistics of Income.

Corporation Tax Returns. Annual.

Statistics of Income Bulletin. Quarterly.

International Trade Administration
U.S. Industrial Outlook, Annual.

Patent and Trademark Office

Commissioner of Patents and Trademarks Annual Report.

## Securities and Exchange Commission

Annual Report.

Directory of Companies Required to File Annual Reports with the Securities and Exchange Commission—Under the Securities Exchange Act of 1934. Annually.

A Report on the Operation of the Intermarket Trading System: 1978-1982.

June 1982.

Securities Traded on Exchanges Under the Securities Exchange Act. Annual with quarterly supplements.

Staff Report on the Securities Industry in 1981, October 1982.

Statistical Review. Monthly.

Stock Trading Statistics. Monthly.

#### uninees-Con.

U.S. Government—Con.

Small Business Administration Annual Report.

#### Other

The Conference Board, New York, NY Economic Road Maps. Monthly.

Dun & Bradstreet Corporation, New York, NY

The Business Failure Record. Annual. Monthly Business Starts Report.

Monthly Failure Report.

Monthly New Business Incorporations Report.

Quarterly Businessmen's Expectations Report.

Fortune (Time, Inc.), New York, NY

The Fortune Directory of the 500 Largest Industrial Corporations. (Annual supplement to Fortune.)

National Bureau of Economic Research, Cambridge, MA

Financial Aspects of the United States Pension System, Zvi Bodie and John B. Shoven, editors. 1983. (University of Chicago Press, Chicago, IL.)

The U.S. National Income and Product Accounts: Selected Topics, Murray F. Foss, editor. (Studies in Income and Welfare, No. 47.) (University of Chicago Press, Chicago, IL.)

thild Welfare-see Education; and Social Insur-

ity Government-see State and Local Government

tivil Service-see Federal Government; and State and Local Government.

## ##mate-see also Agriculture

## U.S. Government

National Oceanic and Atmospheric Administration

Climatography of the United States, No. 81: Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1951-80. 1982. Issued by State.

Climatological Data. Issued in sections for States and outlying areas. Monthly with annual summary.

Comparative Climatic Data Through 1985.

General Summary of Tornadoes. Annual. Hourly Precipitation Data. Monthly with annual summary; for each State.

Local Climatological Data. Monthly with annual summary; for major cities.

## Climate---Con.

U.S. Government---Con.

National Oceanic and Atmospheric Administration—Con.

Storm Data. Monthly.

Weekly Weather and Crop Bulletin. National summary.

Commerce-see Foreign Commerce; Retail and Wholesale Trade; and Transportation.

Commodity Prices—see also Economic Index-

## U.S. Government

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin, Monthly.

**Bureau of Labor Statistics** 

Consumer Prices: Energy and Food. Monthly.

CPI Detailed Report. Monthly.

Handbook of Labor Statistics. Periodic. (1985, most recent.)

Monthly Labor Review.

Producer Price Indexes. Monthly, with annual supplement.

Relative Importance of Components in the Consumer Price Indexes. Annual.

U.S. Import and Export Price Indexes. Quarterly.

Department of Agriculture

Agricultural Price Reports, Monthly and annual

Agricultural Statistics. Annual.

#### Other

Commodity Research Bureau, a Knight-Ridder Business Information Service, New York, NY

Commodity Year Book Statistical Abstract Service. (3 editions annually.)

CRB Commodity Index Report. Weekly. CRB Commodity Year Book. Annual.

CRB Futures Chart Service. Weekly.

CRB Outlook. Monthly.

Electronic Futures Trend Analyzer. Daily. Futures Market Service. Weekly.

Morgan Guaranty Trust Company of New York

The Morgan Guaranty Survey. Monthly. (Wholesale price index.)

## Commodity Prices—Con.

Other-Con.

Wall Street Journal. (Dow Jones & Co., New York, NY.) Daily except Satur-days, Sundays, and holidays.

## Communications—see also Newspapers

#### U.S. Government

Federal Communications Commission Annual Report. Statistics of Communications Common

Carriers, Annual.

Rural Electrification Administration Annual Statistical Report-Rural Telephone Borrowers.

U.S. Postal Service

Annual Report of the Postmaster Gener-

Revenue and Cost Analysis. Annual.

#### Other

John Blair & Company, New York, NY Statistical Trends in Broadcasting. Annual.

Book Industry Study Group, Inc., New York,

Book Industry Trends, Annual,

Broadcasting Publications, Inc., Washington, DC

Broadcasting Magazine, Weekly, Broadcasting Cablecasting Yearbook.

Corporation for Public Broadcasting, Washington, DC

Public Broadcasting Income. Annual.

Public Broadcasting: Statistical Brief. Annual.

Public Radio and Television Programming Content by Category. Biennial.

Summary Statistical Report of PTV Licensees. Annual. Summary Statistical Report of Public

Radio Stations. Annual. Editor & Publisher Co., Inc., New York, NY

International Year Book. Annual. Market Guide, Annual.

Electronic Industries Association, Washington, DC

Electronic Market Data Book. Annual.

Electronic Market Trends, Monthly,

Electronics Foreign Trade. Monthly.

Electronics Foreign Trade Five-Year Summary. Annual.

Radio Advertising Bureau, New York, NY Radio Facts, Annual.

## Communications—Con.

#### Other-Con.

Television Digest, Inc., Washington, DC Cable Action Update. Weekly.

Cable and Station Coverage Atlas. Annual.

Television Action Update. Weekly. Television and Cable Factbook. Annual.

United States Telephone Association, Washington, DC

Statistics of the Independent Telephone Industry. Annual.

Construction, Housing, and Real Estate—see also Money and Roads

## U.S. Government

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

#### Bureau of Census

Census of Construction Industries. Quinquennial. (1982, most recent.)

Census of Housing. Decennial. (1980, most recent.)

Current Construction Reports: Housing Starts, C20 (monthly); New Residential Construction in Selected Metropolitan Statistical Areas, C21 (quarterly); Housing Completions, C22 (monthly); New One-Family Houses Sold and for Sale, C25 (monthly with annual report, Characteristics of New Housing); Price Index of New One-Family Houses Sold, C27 (quarterly); Value of New Con-struction Put in Place, C30 (monthly with occasional historical supplement); Housing Units Authorized by Building Permits, C40 (monthly and annual); Residential Alterations and Repairs, C50 (Quarterly and annual).

Current Housing Reports: Housing Va-cancies, H-111 (quarterly and annual); Market Absorption of Apartments, H-130 (quarterly and annual); Characteristics of Apartments Completed, H-131 (annual); Annual Housing Survey, H-150 (series of six biennial reports); Annual Housing Survey—Housing Characteristics for Selected Metropolitan Areas, H-170.

Social Indicators, 1973; 1976; 1980.

## Bureau of Economic Analysis

Business Conditions Digest, Monthly. Business Statistics: 1984, 1985.

Fixed Reproducible Tangible Wealth in the United States, 1925-79. 1982.

Handbook of Cyclical Indicators. 1984.

The National Income and Product Accounts of the United States, 1929-82: Statistical Tables, 1986.

## onstruction, Housing, and Real Estate-Con

#### U.S. Government-Con.

Bureau of Economic Analysis-Con.

New Structures and Equipment by Using Industries, 1972: Detailed Estimates and Methodology. 1980. (Staff Paper No. 35.)

Survey of Current Business. Monthly.

#### **Bureau of Labor Statistics**

Current Wage Developments. Monthly.

Employment and Earnings. Monthly.

and Earnings. Employment, Hours, United States, 1909-84. 1985. (Bulletin No.1312-12.)

Injuries to Construction Laborers. 1986. (Bulletin No. 2252.)

Monthly Labor Review.

Occupational Employment in Mining, Construction, Finance, and Services. 1986. (Bulletin No. 2264.)

Occupational Injuries and Illnesses in the United States by Industry. Annual.

Department of Housing and Urban Development

Statistical Yearbook, (Discontinued with 1979 edition.)

Survey of Mortgage Lending Activity. Monthly and quarterly press releases.

## **Energy Information Administration**

Residential Energy Consumption Survey: Housing Characteristics. Triennial.

Federal Home Loan Bank Board

Annual Report.

Savings and Home Financing Source Book, Annual.

International Trade Administration Construction Review. Bimonthly.

Veterans Administration

Loan Guaranty Highlights. Quarterly.

#### Other

Dodge, F.W., Division, McGraw-Hill Information Systems Co., New York, NY Dodge Construction Potentials. Monthly.

NATIONAL ASSOCIATION OF REALTORS. Washington, DC

Existing Home Sales. Monthly.

Whitman, Requardt and Associates, Baltimore, MD

The Handy-Whitman Index of Public Utility Construction Costs. Semiannual.

Consumer Income and Expenditures, and Personal Income—see also Agriculture; Economic Indexes; Investments; and National Income

#### U.S. Government

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

## Bureau of the Census

Census of Population. Decennial. (1980, most recent.)

Current Population Reports. (Series on Consumer Income, P-80.)

Special Studies Reports. (Series on Special Studies, P-23.)

## **Bureau of Economic Analysis**

Business Conditions Digest. Monthly.

Business Statistics: 1984, 1985.

Handbook of Cyclical Indicators. 1984.

Local Area Personal Income, 1979-84. Annual personal income by type of income and by major industries, and population, and per capita income, for States, counties, and metropolitan areas. Nine volumes. 1986.

Survey of Current Business. Monthly.

## **Bureau of Labor Statistics**

Consumer Expenditure Survey: Interview Survey, 1984. 1986. (Bulletin No. 2267.)

Handbook of Labor Statistics. Periodic. (1985, most recent.)

## Internal Revenue Service

Statistics of Income. (Annual report on Individual Income Tax Returns.)

Statistics of Income Bulletin, Quarterly,

# National Science Foundation

Characteristics of Doctoral Scientists and Engineers in the United States. Detailed Statistical Tables, Biennial.

Characteristics of Recent Science/Engineering Graduates. Detailed Statistical Tables, Biennial.

# Social Security Administration

Studies in Income Distribution. (A series of studies presenting information on the distribution of income, taxes, and transfer payments.) (November 1979, most recent.)

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The Budget of the United States Government. Published annually in a group of five documents; see listing under "Federal Government Finances and Employment."

Social Security Administration

Benefits and Beneficiaries Under Public Employee Retirement Systems, 1983, Social Security Bulletin, April 1986.

Federal Employees' Retirement System Act of 1986, Social Security Bulletin, November 1986.

#### Other

Advisory Commission on Intergovernmental Relations, Washington, DC

A Catalog of Federal Grant-in-Aid Programs to State and Local Governments, FY 87. 1987.

Government Finance Data Diskettes. Various series. Annual.

Measuring State Fiscal Capacity: Alternate Methods and Their Uses. Annual.

Significant Features of Fiscal Federalism. Annual.

The Council of State Governments, Lexington, KY

American State Legislatures: Their Structures and Procedures, 1977.

The Book of the States. Biennial.

State Administrative Officials Classified by Function. Biennial.

State Court Systems, 1978.

International City Management Association, Washington, DC

Baseline Data Reports. Bimonthly.

Compensation '84.

Municipal Year Book.

National Governors' Association and National Association of State Budget Officers, Washington, DC

Budgetary Processes in the States. July 1981.

Fiscal Survey of the States. Annual.

# itate and Local Government-Con.

Other-Con.

National Governors' Association and National Association of State Budget Officers, Washington, DC—Con.

Governors of the American States, Commonwealths, and Territories. Annual.

National Governors' Association and National Conference of State Legislatures, Washington, DC

Impact on the States, The President's 1987 Budget.

Public Securities Association, New York, NY

Statistical Yearbook of Municipal Finance.

Tax Foundation, Inc., Washington, DC Fects and Figures on Government Finance, Annual.

Stocks and Bonds-see Investments.

Stores—see Retail and Wholesale Trade and Service Establishments.

Tax Collections—see Federal Government; and State and Local Government.

Felephone and Telegraph Systems—see Communications.

Felevision—see Communications.

Frade—see Foreign Commerce; Retail and Wholesale Trade; and Service Establishments.

Fransportation—see also Foreign Commerce; and Roads

# U.S. Government

Army, Corps of Engineers

Waterborne Commerce of the United States (in five parts). Annual.

**Bureau of the Census** 

Census of Transportation. Quinquennial. (1982, most recent.)

Vessel Entrances and Clearances. Annual. (FT 975.)

**Bureau of Economic Analysis** 

Business Statistics: 1984. 1985.

Survey of Current Business. Monthly.

#### Coast Guard

Marine Safety Statistical Review.

Merchant Vessels of the United States. Annual.

Polluting Incidents In And Around U.S. Waters, Annual.

# Transportation—Con.

# U.S. Government-Con.

Department of State, Bureau of Consular Affairs

Summary of Passport Statistics. Annual.

Department of Transportation

National Transportation Statistics.
Annual.

Transportation Safety Information Report. Quarterly.

U.S. International Air Travel Statistics. Annual.

## Federal Aviation Administration

Airport Activity Statistics of Certificated Route Air Carriers. Annual.

Census of U.S. Civil Aircraft. Annual.

FAA Air Traffic Activity. Annual, for fiscal years.

FAA Statistical Handbook of Aviation. Annual.

General Aviation Activity and Avionics Survey. Annual.

U.S. Civil Airman Statistics. Annual.

#### Federal Highway Administration

Drivers Licenses. Annual.

Highway Statistics, Annual.

Highway Statistics, Summary to 1985. (Published every 10 years.)

Selected Highway Statistics and Charts. Annual.

# Interstate Commerce Commission

Class I Freight Railroads Selected Earnings Data. Quarterly.

Large Class I Household Goods Carriers Selected Earnings Data. Quarterly.

Large Class I Motor Carners of Passengers Selected Earnings Data. Quarterly.

Large Class I Motor Carners of Property Selected Earnings Data. Quarterly.

Quarterly Report.

Revenue and Traffic of Carners by Water. Quarterly, with summary for calendar year. (Discontinued in 1979.)

Transport Statistics in the United States. Issued annually in two separate parts:

Part 1: Railroads
Part 2: Motor Carriers

# Maritime Administration

Annual Report.

Bulk Carriers in the World Fleet. Annual. Containerized Cargo Statistics. Annual.

Employment Report of United States Flag Merchant Fleet Ocean-going Vessels 1,000 Gross Tons and Over. Annual. (Monthly and quarterly data available from source.)

# Transportation—Con.

U.S. Government-Con.

Maritime Administration-Con.

Foreign Flag Merchant Ships Owned by U.S. Parent Companies. Annual.

Maritime Manpower Report. Monthly.

New Ship Construction. Annual.

A Statistical Analysis of the World's Merchant Fleets, Annual.

United States Oceanborne Foreign Trade Routes. Annual.

Research and Special Programs Administration

Air Carrier Financial Statistics. Quarterly.

Air Carrier Industry Scheduled Service Traffic Statistics. Quarterly.

Air Carrier Traffic Statistics. Monthly.

#### Other

Aerospace Industries Association of America, Washington, DC

Aerospace Economic Indicators. Quarterly.

Aerospace Facts and Figures. Annual.

Net New Orders, Shipments, and Backlog for Jet Transport Aircraft. Quarterly.

Commercial Helicopter Shipments. Quarterly.

Air Transport Association of America, Washington, DC

Air Transport Facts and Figures. Annual. Quarterly Review.

American Bureau of Shipping, Paramus, NJ The Record. Annual.

American Public Transit Association, Washington, DC

Transit Fact Book. Annual.

Association of American Railroads, Washington, DC

Analysis of Class I Railroads. Annual.

Cars of Revenue Freight Loaded. Weekly with annual summary.

Freight Commodity Statistics, Class I Railroads in the United States. Annual. Yearbook of Railroad Facts.

Automotive News Almanac (Slocum Publishing Company, Detroit, MI). Annual.

General Aviation Manufacturers Association, Washington, DC

Shipment Report. Monthly and Annual.

Statistical Databook, Annual.

Lake Carriers' Association, Cleveland, OH Annual Report.

Monthly Bulk Commodities Report.

# Transportation-Con.

Other-Con.

Lloyd's Register of Shipping, London, England

Annual Summary of Merchant Ships Completed in the World.

Casualty Returns. Annual. (Statistical summary of all merchant ships totally lost or reported broken up during year.)

Merchant Shipbuilding Returns. Quarterly. (Statistical summary of world shipbuilding.)

Statistical Tables. Annual. (Analysis of world merchant fleet.)

Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, MI

Motor Vehicle Facts and Figures. Annual. World Motor Vehicle Data. Annual.

National Air Carrier Association, Washington, DC

Annual Report.

Railway Age. (Simmons-Boardman Publishing Corp., New York, NY.) Monthly. (Annual review and outlook issue.)

Regional Airline Association, Washington, DC

Annual Report.

Shipbuilders Council of America, Washington, DC

Annual Report.

Tanker Advisory Center, Inc., New York, NY

Worldwide Tanker Casualty Returns. Quarterly.

Transportation Association of America, Washington, DC

Transportation Facts and Trends. (Discontinued.)

Transportation Policy Associates, Washington, DC

Transportation in America. March, annually with periodic supplements.

Travel—see Recreation and Transportation.

Unemployment Insurance—see Labor; and Social Insurance.

Utilities, Public—see Communications; Energy; and Transportation.

Veterans—see National Defense; and Population.

Virgin Islands of the United States—see Outlying Areas.

# Vital Statistics—see also Accidents; and Health

## U.S. Government

Centers for Disease Control, Atlanta, GA Abortion Surveillance. Annual Summary 1979-1980.

Morbidity and Mortality Weekly Report. Annual summary also.

## **National Center for Health Statistics**

Monthly Vital Statistics Report. Provisional Statistics. Annual summary also.

Vital and Health Statistics. (A series of statistical reports covering health-related topics.)

Series 20: Mortality Data. Irregular.

Series 21: Natality, Marriage, and Divorce Data. Irregular.

Series 23: National Survey of Family Growth Statistics. Irregular.

Vital Statistics of the United States. Annual.

#### Other

The Alan Guttmacher Institute, New York, NY

Abortion Services in the United States, Each State and Metropolitan Area, 1981-1982. 1985.

Family Planning Perspectives. Monthly.

United Nations Statistical Office, New York, NY

Demographic Yearbook.

Population and Vital Statistics Report. (Statistical Papers, Series A.) Quarter-ly.

Statistical Yearbook.

1977 Supplement to the Statistical Yearbook and the Monthly Bulletin of Statistics, Methodology, and Definitions. 1979.

World Health Organization, Geneva, Switzerland

Annual Epidemiological and Vital Statistics.

Epidemiological and Vital Statistics Report. Monthly.

World Health Statistics. Quarterly and

# **Vocational Rehabilitation and Education**

## U.S. Government

Bureau of the Census Social Indicators, 1980.

Department of Education Annual Report.

Office of Management and Budget
The Budget of the United States Government. Published annually in a group of

## Vocational Rehabilitation and Education— Con.

#### U.S. Government-Con.

Office of Management and Budget-Con.

five documents; see listing under "Federal Government Finances and Employment."

#### Rehabilitation Services Administration

Caseload Statistics of State Vocational Rehabilitation Agencies in Fiscal Year. Annual.

Characteristics of Clients Rehabilitated in Fiscal Year. Annual.

State Vocational Rehabilitation Agency Program Data in Fiscal Year, Annual.

#### Veterans Administration

Annual Report of Administrator of Veterans Affairs.

Disability Compensation Data. Semiannual.

Disability and Death Pension Data. Semiannual.

Disabled Veterans of the Vietnam Era— Education and Training Under the GI Bill and the Vocational Rehabilitation Program. May 1979.

Employment and Unemployment Among Vietnam Era Veterans—An Analysis of the 1979 National Survey of Veterans. August 1981.

Flight Training Under the GI Bill. September 1980.

Historical Data on the Usage of Educational Benefits: 1944-1963. April 1964.

Office of Information Management and Statistics Monograph—Selected Compensation and Pension Data, by State of Residence. Annual.

Office of Information Management and Statistics Monograph—Veterans Benefits under Current Educational Programs. Annual.

Women Veterans—Use of Educational Benefits Under the GI Bill. September 1981.

Wages and Wage Rates—see Labor; and Social Insurance.

Wealth-see National Income.

Weather-see Climate.

Welfare Services—see Health; and Social Insurance.

Wholesale and Retail Trade—see Retail and Wholesale Trade.

Wholesale Prices—see Commodity Prices.

Work Relief-ess Social Insurance.

Work Stoppages-see Labor.

# **Guide to State Statistical Abstracts**

This bibliography includes the most recent statistical abstracts for States and Puerto Rico published since 1977 plus those that will be issued in late 1987 or early 1988. For some States, a near equivalent has been listed in substitution for, or in addition to, a statistical abstract. All sources contain statistical tables on a variety of subjects for the State as a whole, its component parts, or both. The page counts given for publications are approximate.

#### Alabama

University of Alabama, Center for Business and Economic Research, P.O. Box AK, Tuscaloosa 35487

Economic Abstract of Alabama. 1987. 475 pp.

## Aleska

Department of Commerce and Economic Development, Office of Economic Analysis, Pouch D, Juneau 99811

The Alaska Economic and Statistical Review. 1984. 194 pp.

#### Artzona

Valley National Bank, P.O. Box 71, Phoenix 85001

Arizona Statistical Review, 43d ed. 1987.

University of Arizona, Division of Economic and Business Research, College of Business and Public Administration, Tucson 85721

Arizona Statistical Abstract: A 1979 Data Handbook. 640 pp. (No longer published.)

Arizona Economic Indicators. 52 pp. (Biannual.)

# Arkenses

University of Arkansas, Regional Economic Analysis, Lib. 503A, Little Rock 72204

Arkansas State and County Economic Data. 18 pp. (Revised annually.)

# California

Department of Finance, Sacramento 95814-4998

California Statistical Abstract, 1987. 225 pp.

Presidio Press, 31 Pamaron Way, Novato 94947

California Almanec, 1996-87. Biennial. 600 pp.

#### Colorado

Transrep/bibliographics, P.O. Box 22678, Denver 80222

Statistical Abstract of Colorado, 1976-1977, Thomas G. Tyler, editor. 1977. 515 pp.

#### Connecticut

Connecticut Department of Economic Development, 210 Washington St., Hartford 06106

Connecticut Market Data. 1986. 78 pp. (Out of Print.)

#### Delaware

Delaware Development Office, P.O. Box 1401, Dover 19903

Delaware Data Book, 1987. 100 pp.

#### **District of Columbia**

Office of Planning, Data Services Division, Presidential Bidg., Suite 500, 415 12th St., N.W. 20004

Population Estimates and Housing Units, annual.

Office of Policy, Room 208, 1350 Pennsylvania Ave., N.W. 20004

Indices—A Statistical Index to DC Services, 1987. Annual. 253 pp.

# Florida

University of Florida, Bureau of Economic and Business Research, Gainesville 32611

Florida Statistical Abstract, 1987. 21st ed. 1987. 708 pp.

National Data Consultants, P.O. Box 6361, Athens, Georgia 30604

Florida County Perapectives: 1987. Annual. 109 pp.

# Georgia

University of Georgia, Division of Research, College of Business Administration, Athens 30802

Georgia Statistical Abstract, 1986-87. 1986.

# Georgia-Con.

University of Georgia, College of Agriculture, Cooperative Extension Service, Athens 30602

The Georgia County Guide. 1987. 6th ed. Annual. 171 pp.

Office of Planning and Budget, 270 Washington St., S.W., Atlanta 30334

Georgia Descriptions in Data. 1987. 175 pp.

# a Hawaii

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Hawaii State Department of Business and Economic Development, P.O. Box 2359, Honolulu 96804

The State of Hawaii Data Book 1987: A Statistical Abstract. 21st ed. 1987. 725 pp.

University of Hawaii Press, Honolulu 96822

Historical Statistics of Hawaii. 1977. 711
pp.

#### Ideho

Department of Commerce, Room 106, State House, Boise 83720

County Economic Profiles, 1982. (Separate report for each county.)

County Profiles of Idaho, 1987.

University of Idaho, Center for Business Development and Research, Moscow 83843

Idaho Statistical Abstract. 1980. 415 pp.
(Out of Print.)

# Illinois

University of Illinois, Bureau of Economic and Business Research, 428 Commerce West, 1206 South 6th Street, Champaign 61820

Illinois Statistical Abstract. 1987. 650 pp.

Department of Commerce and Community Affairs, 620 Adams St., Springfield 62701

Illinois State and Regional Economic Data Book—1985. 351 pp.

#### Indiana

Indiana University, Indiana Business Research Center, School of Business, Bloomington 46223

Indiana Fact Book, 1985. 420 pp.

# lowa

Iowa Department of Economic Development, Research Bureau, 200 East Grand Ave., Des Moines 50309

1987 Statistical Profile of Iowa. 116 pp.

# Kaneas

University of Kansas, Institute for Public Policy and Business Research, 607 Blake Hall, Lawrence 66045-2960

Kansas Statistical Abstract, 1986-87. 22d ed. 1987.

# Kentucky

Department of Economic Development, Capital Plaza Office Tower, Frankfort 40801

Kentucky Economic Statistics. 23d ed. 1987.

## Louisiana

University of New Orleans, Division of Business and Economic Research, New Orleans 70148, and Louisiana State Planning Office, Baton Rouge 70804

Statistical Abstract of Louisiana. 7th ed. 1981. 413 pp.

# Maine

Maine State Development Office, State House Station 59, Augusta 04333
Maine: A Statistical Summary. (Updated periodically.)

# Maryland

Department of Economic and Employment Development, 45 Calvert St., Annapolis 21401

Maryland Statistical Abstract. 1988-89. 272 pp. (Biennial.)

# Michigan

Wayne State University, Bureau of Business Research, School of Business Administration, Detroit 48202

Michigan Statistical Abstract. 20th ed. 1986-87. 629 pp.

# Minnesota

Blue Sky Marketing, Inc., P.O. Box 17003-G, St. Paul 55117

Minnesota Data Book, 1985-86. 384 pp.

# Mississippi

Mississippi State University, College of Business and Industry, Division of Research, Mississippi State 39762

Mississippi Statistical Abstract. 1987. 650 pp.

#### Missouri

University of Missouri, Business and Public Administration Research Center, Columbia 65211

Statistical Abstract for Missouri, 1987.

#### Montana

Montana Department of Commerce, Census and Economic Information Center, Capitol Station, Helena 59620

Montana Statistical Abstract. 1985. 1st ed. 484 pp.

Montana County Profiles. (Separate county reports updated periodically.)

#### Nebraska

Department of Economic Development, Division of Research, Box 94666, Lincoln 68509

Nebraska Statistical Handbook. 1986-1987. 305 pp.

#### Nevada

Office of Community Services, Capitol Complex, Carson City 89710

Nevada Statistical Abstract. 1988. Biennial. 440 pp.

## **New Hampehire**

Office of State Planning, 2 1/2 Beacon St., Concord 03301

Current Estimates and Trends in New Hampshire's Housing Supply. Update: 1986, 22 pp.

Selected Economic Characteristics of New Hampshire Municipalities. September 1983. 12 pp. (Other series available on population estimates and projections, and taxation.)

# **New Jersey**

Office of Demographic and Economic Analysis, CN 388, Trenton 08625-0388

New Jersey Statistical Factbook, 1987. 102 pp.

Office of Economic Policy, 1 West State Street, Trenton 08625

New Jersey Profile, 1984. Triennial. 180 pp.

# **New Mexico**

University of New Mexico, Bureau of Business and Economic Research, Albuquerque 87131

New Mexico Statistical Abstract. 1987.

## **New York**

Energy Association of New York, 111 ' ington Avenue, Suite 601, Albany New York at a Glance, 1966-67. 120 |

Nelson Rockefeller Institute of Govern 411 State Street, Albany 12203 New York State Statistical Yearbook, 87, 13th ed. 502 pp.

#### **North Carolina**

Office of State Budget and Manage Management and Information Se Section, 116 West Jones Street, R 27603-8005

North Carolina State Government Sta Abstract. 1984. 5th ed. 575 pp.

Profile, North Carolina Counties. 7\ 1986. 304 pp.

#### **North Dekota**

University of North Dakota, Bureau of ness and Economic Research, Forks 58202

The Statistical Abstract of North D 1986. 670 pp.

Economic Development Commission, I Memorial Bidg., Bismarck 58505 North Dakota Growth Indicators. 191 pp.

# Ohlo

Department of Development, Ohio Users Center (ODUC), P.O. Box Columbus 43216

ODUC Products and Services. (Up continuously.)

# Oklahoma

University of Oklahoma, Center for Eco and Management Research, 307 Brooks Street, Room 4, Norman 731 Statistical Abstract of Oklahoma, 1981 pp.

# Oregon

Secretary of State, State Capitol, 97310

Oregon Blue Book. 1987-1988. 488 p. ennial.)

# 'enneylvania

Pennsylvania State Data Center, Pennsylvania State University at Harrisburg, Middleton 15057, in cooperation with the Pennsylvania Department of Economic Policy, Planning and Research, Harrisburg 17120

Pennsylvania Statistical Abstract, 1987. 29th ed. 1987. 262 pp.

#### thode telend

Department of Economic Development, 7 Jackson Walkway, Providence 02903

Phode Island Basic Economic Statistics. 1987. 145 pp.

# outh Carolina

Budget and Control Board, Division of Research and Statistical Services, R. C. Dennis Building, Room 337, Columbia 29201

South Carolina Statistical Abstract: 1986. 476 pp.

# outh Dakota

University of South Dakota, Business Research Bureau, Vermillion 57069

Handbook of Manpower Statistics for South Dakota. 294 pp.

South Dakota Community Abstracts. 400 pp.

#### **Onnessee**

University of Tennessee, Center for Business and Economic Research, Knoxville 37996-4170

Tennessee Statistical Abstract, 1988. 10th ed. 700 pp. (Annual.)

#### 'exec

Dallas Morning News, Communications Center, Dallas 75265

Texas Almanac, 1988-1988. 1987 640 pp.

University of Texas, Bureau of Business Research, Austin 78712

Texas Fact Book, 1984. 5th ed. 229 pp.

#### Itah

University of Utah, Bureau of Economic and Business Research, 401 Kendall D. Garff Building, Salt Lake City 84112

1987 Statistical Abstract of Utah. 1987. (Triennial.)

Utah Foundation, 308 Continental Bank Building, Salt Lake City 84101

Statistical Review of Government in Utah. 1987. 101 pp. (To be issued in April 1986.)

#### ermont

Office of Policy Research and Coordination, Montpelier 05602

Demographic and Economic Profiles. (Periodically issued.)

# Virginia

University of Virginia, Center for Public Service, Dynamics Building, 4th Floor, 2015 lvy Road, Charlotteeville 22903

Virginia Statistical Abstract, 1987. Biennial. 600 pp.

# Washington

Washington State Office of Financial Management, Insurance Building M. S. AQ-44, Olympia 98504

Washington State Data Book, 1987. 300 pp.

Washington Research Council, 906 South Columbia, Suite 350, Olympia 98501

How Washington Compares: State and Local Revenue and Expenditures. October 1988. 180 pp.

# **West Virginia**

West Virginia Chamber of Commerce, P.O. Box 2789, Charleston 25330

West Virginia: Economic-Statistical Profile, 1987. 750 pp.

West Virginia Research League, Inc., 1107 Charleston National Plaza, Charleston 25301

Economic Indicators. 1987. 110 pp.
The 1987 Statistical Handbook. 82 pp.

# Wieconein

Wisconsin Legislative Reference Bureau, State Capitol, Madieon 53702

1987-1988 Wisconsin Blue Book. 1,000 pp. (Biennial.)

# Wyoming

Department of Administration and Fiscal Control, Division of Research and Statistics, 302 Emerson Building, Cheyenne 82002 Wyoming Data Handbook, 1987. 186 pp.

# **Puerto Rico**

Planning Board, Area of Social and Economic Planning, Bureau of Economic Analysis, Bureau of Statistics and Bureau of Human Resources, Santurce 00940

Economic Report to the Governor, 1988. (In Spanish.)

Historic Series of Employment, Unemployment and Labor Force, 1984. 202 pp. (In Spanish.)

Social Statistics Abstract, 1984. 184 pp. (In Spanish.)

# Guide to Foreign Statistical Abstracts

This bibliography presents recent statistical abstracts for Mexico, the Soviet Union, and member nations of the Organization for Economic Cooperation and Development, All sources contain statistical tables on a variety of subjects for the individual countries. Many of the following publications provide text in English as well as in the national language(s). For further information on these publications, contact the named statistical agency which is responsible for editing the publication.

#### Austria

Osterreichisches Statistisches Zentralamt, P.O. Box 9000, A-1033 Vienna

Statistisches Handbuch fur die Republik Osterreich. 1988. Annual. 664 pp. (In German.)

#### Australia

Australian Bureau of Statistics, Canberra

Yearbook Australia. 1986. Annual. 705 pp.
(In English.)

# **Belglum**

Institut National de Statistique, 44 rue de Louvain, 1000 Brussels

Annuaire statistique de la Belgique.1983. Annual. 783 pp. (In French and Dutch.)

#### Canada

Statistics Canada, Ottawa, Ontario, KIA OT6

Canada Yearbook: A review of economic,
social and political developments in
Canada.1988. Irregular. (In English and
French.)

# Denmark

Danmarks Statistik, Postboks 2550 Sejrogade 11, DK 2100, Copenhagen 0

Statistical Yearbook. 1988. Annual. 667 pp. (In Danish with English translations of table headings.)

#### Finland

Tilastokeskus, Helsinki

Statistical Yearbook of Finland.1985-86. Annual. 562 pp. (In English, Finnish, and Swedish.)

#### France

Institut National de la Statistique et des Etudes Economiques, Paris

Annuaire Statistique de la France.1986. Annual. 903 pp. (In French.)

#### Greece

National Statistical Office, 14 Lycourgou St., Athens

Statistical Yearbook of Greece. 1985.
Annual. 484 pp. (In English and Greek)

#### Iceland

Hagstofa Islands/Statistical Bureau, Hverfisgata 8-10, Reykjavik.

Statistical Abstract of Iceland. 1984. Irregular. 286 pp. (In English and Icelandic.)

#### Ireland

Central Statistics Office

Statistical Abstract of Ireland.1985. Annual. 388 pp. (In English.)

# Italy

ISTAT (Istituto Centrale di Statistica), Via Cesare Balbo 16, 00100 Rome

Annuario Statistico Italiano. 1986. Annual. 423 pp. (In Italian.)

# Japan

Statistics Bureau, Management & Coordination Agency, Tokyo, Japan

Japan Statistical Yearbook. 1985. Annual. 836 pp. (In English and Japanese.)

# Luxembourg

STATEC (Service Central de la Statistique et des Etudes), P.O. Box 304, L-2013, Lux-embourg

Annuaire Statistique.1986-87. Annual. 480 pp. (In French.)

# Mexico

Instituto Nacional de Estadistica Geografia e Informatica, Mexico City

Anuario estadistico de los Estados Unidos Mexicanos. 1964. Annual. 520 pp. (In Spanish.)

## **Netherlands**

Centraal Bureau voor de Statistiek, The Hague

Statistical Yearbook of the Netherlands. 1908. Annual. 428 pp. (In English.)

#### New Zealand

Department of Statistics, Wellington

New Zealand Official Yearbook.1986-87.

Annual. 1,074 pp. (In English.)

## Norway

Central Bureau of Statistics, Oslo Statistisk Arbok. 1985. Annual. 518 pp. (In English and Norwegian.)

# **Portugal**

INE (Instituto Nacional de Estatistica), Avenida Antonio Josede Almeida, 1078 Lisbon

Anuario estatistico; continente, Acores e

Marieira 1988, Annual, 275 pp. (In French

Madeira. 1986. Annual. 275 pp. (In French and Portugese.)

# **Soviet Union**

Central Statistical Board, Moscow

Narodnoe Khoziaistvo SSSR: Statisticheskii ezhegodnik. 1985. Annual. 607 pp. (In Russian.)

# Spain

INE (Instituto Nacional de Estadistica), Paseo de la Castellana 183, Madrid 16

Anuario estadistico de Espana.1985. Annual. 800 pp. (In Spanish.)

## Sweden

Statistics Sweden, S-11581 Stockholm

Statistical Abstract of Sweden.1985. Annual. 580 pp. (In English and Swedish.)

#### Switzerland

Bundesamt fur Statistik, Hallwylstrasse 15, CH-3003, Bern

Statistisches Jahrbuch der Schweiz. 1986. Annual. 658 pp. (In French and German.)

# Turkey

State Institute of Statistics, 114 Necatibey Caddesi, Bakanliklar, Yenisehir, Ankara

Statistical Yearbook of Turkey. 1983. Published on odd numbered years. 485 pp. (In English and Turkish.)

Statistical Pocketbook of Turkey.1982. Published on even numbered years. 287 pp. (In English and Turkish.)

# **United Kingdom**

Centrai Statistical Office, Great George Street, London SW1P 3AQ Annual Abstract of Statistics. 1987. Annual.

Annual Abstract of Statistics. 1967. Annual 340 pp. (In English.)

# **West Germany**

Statistische Bundesamt, Wiesbaden

Statistisches Jahrbuch fur die Bundesrepublik Deutschland. 1986. Annual. 776 pp. (In German.)

# Yugoslavia

Savezni Zavod za Statistiku, P.O. Box 203, 11000 Belgrade

Statisticki godisnjak Jugoslavije. 1986. Annual. 788 pp. (In Serbo-Croatian with English, French, and Russian translations of table headings.)



# Appendix II

# Metropolitan Area Concepts and Components and Population of Metropolitan Statistical Areas

Statistics for metropolitan areas shown in the Statistical Abstract represent areas designated by the U.S. Office of Management and Budget (OMB) as standard metropolitan statistical areas (SMSA's) or metropolitan statistical areas (MSA's). Effective June 30, 1983, OMB changed the basic term from SMSA to MSA and revised the geographic definitions of many individual metropolitan areas; some new areas were defined, and some areas were redesignated as PMSA's or CMSA's (see further explanation below). The revised definitions appear in OMB press release 83-20 of June 27, 1983. The official standards for defining MSA's appeared in the Federal Register, January 3, 1980 (part 6). Revisions of MSA definitions were made by OMB effective 1984, 1985, 1986, and 1987, mainly to add newly qualified MSA's or central cities.

The list of areas which follows (see p. 875) specifies components and population totals and refers to the definitions in effect on June 30, 1987. On that date, there were 265 MSA's, as well as 21 CMSA's comprising 73 PMSA's (including 4 MSA's, 1 CMSA, and 2 PMSA's in Puerto Rico). The figures in tables A, B, and C below (see pp. 873 and 874), exclude the areas in Puerto Rico.

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. Standard definitions of metropolitan statistical areas were first issued in 1949 by the then Bureau of the Budget (predecessor of OMB), under the designation, "Standard Metropolitan Areas"; the term was changed to SMSA in 1959. From 1977 to 1981, the SMSA's were the responsibility of the Office of Federal Statistical Policy and Standards, Department of Commerce.

The criteria for the establishment and definition of SMSA's were modified in 1958, 1971, and 1975. The current standards were adopted in January 1980; they provide that each MSA must include at least:

(a) One city with 50,000 or more inhabitants, or

(b) A Census Bureau-defined urbanized area of at least 50,000 inhabitants and a total MSA population of at least 100,000 (75,000 in New England).

The standards provide that the MSA include as "central county(ies)" the county in which the central city is located, and adjacent counties, if any, with at least 50 percent of their population in the urbanized area. Additional "outlying counties" are included if they meet specified requirements of commuting to the central counties and of metropolitan character (such as population density and percent urban). In New England the MSA's are defined in terms of cities and towns rather than counties.

The 1980 standards provide that within metropolitan complexes of 1 million or more population, separate component areas are defined if specified criteria are met. Such areas are designated primary metropolitan statistical areas (PMSA's); and any area containing PMSA's is designated a consolidated metropolitan statistical area (CMSA). Besides the 21 CMSA's, there are 17 MSA's of 1 million or more in 1986 within which no component PMSA's are established. Of the 73 PMSA's, most were formerly SMSA's, but some were newly established in 1983.

Of the 21 CMSA's most were previously recognized as standard consolidated statistical areas (SCSA's), but 5 were formerly SMSA's within which PMSA's were newly qualified in 1983.

The standards adopted in 1980 were implemented in two stages. First, they were used to define a group of 36 new areas in June 1981. The 323 SMSA's as of June 30, 1981 were reported in the 1980 census tabulations and publications. Next, the boundaries of all SMSA's were reviewed in 1982-83 under the new standards after 1980 commuting data became available.

Revised 1980 standards for determining central cities and titles were implemented as part of the 1982-83 review. The largest city in each MSA is designated a "central city"; in addition there may be additional central cities if specified requirements are met. The title of each MSA consists of the name(s) of up to three of its central cities and the name of each State into which the MSA extends. However, a central city generally is not included in an MSA title unless it has at least one-third the population of the area's largest city. Prior to 1983, virtually all central cities appeared in area titles. An MSA may include other cities of 50,000 or more besides its central or title cities.

sport relating to the new MSA definitions has been published as 1980 Census of Populaplementary Report, Metropolitan Statistical Areas (PC80-S1-18). The State and Metropoli1 Data Book, 1986 presents 298 data items for metropolitan areas from a wide variety of
(see inside back cover).

England MSA's and NECMA's.—Because MSA's in New England are defined in terms of id towns rather than counties, some statistical data that are available only for counties be compiled for individual New England MSA's. Therefore, for New England areas, data are or both New England County Metropolitan Areas (NECMA's) and MSA's wherever possible. CMA's provide a county version of the New England areas, but do not replace New England areas as the standard areas. NECMA's are defined corresponding to the 3 CMSA's in New and for the portion of the New York-Northern New Jersey-Long Island CMSA in Connectire are no NECMA definitions corresponding to New England PMSA's.

t of changes in MSA definition.—Changes in the definitions of MSA's since 1949 have dichiefly of (1) the recognition of new areas as, for example, cities reached 50,000 populations (2) the addition of counties (or towns in New England) to existing MSA's as new census wed them to qualify. Also, several formerly separate MSA's have been merged, and occaterritory has been transferred from one MSA to another or from an MSA to nonmetropolitan Comparisons of MSA figures over time may be affected in cases where the MSA definite changed. To maintain comparability, data for an earlier period have been revised in this where possible, to reflect the MSA boundaries of the more recent period. However, this it always be done; for data based on a sample survey, in particular, it is usually not possible the data to reflect changes in MSA definitions that occurred after the survey was made. les A, B, and C that follow, data are given for MSA's as defined for specified dates, thereby g the extent of change in population and land area resulting from revisions in definitions.

# A. NUMBER, POPULATION, AND LAND AREA OF MSA'S AS DEFINED AT SPECIFIED DATES FROM 1950 TO 1987

snoss in population shown here for each year in the successive columns of the table result entirely from net expansion politan territory through changes in the MSA definitions. The differences in population shown for each MSA definition successive lines of the table) result entirely from population changes within that territory, uneffected by changes in MSA a. The changes in 1990 land area result entirely from net expansion of MSA territory. All data include Alaska and nd exclude Puerlo Rico. Subtraction of any line of the table from the line below will show the net effect of change in an and land area undergone by the MSA's as the result of changes in definitions between the specified dates. Such typically occurred throughout the period, not on any single date, and may have included subtractions from, as well as 10, MSA territory. Census population data for 1970 include corrections made since publication. The area data for the differ from the data published in those census definitions of MSA's differ from the data published in those census events they are based on a rement of land areas made during the 1980's, and also reflect changes in inland water area occurring up to 1970]

TION AS OF-				LATION			
	Num- ber of MSA's	1980, Apr. 1	1980, Apr. 1	<b>1970,</b> Apr. 1	1980, Apr. 1	1980, July 1	Land area, 1980 (sq. mi.)
.s (Mer.							
Æ (Nov.	169	1 84,853,700	106,344,548	122,184,836	126,839,422	135,796,592	207,146
	212	89,316,903	* 112.885.139	130,982,661	140,793,427	149,625,595	309,112
31) *	217	91,644,186	115,876,343	134,700,911	145,503,863	154,902,292	348,861
31) 4	230	93,629,966	118,413,604	137,976,252	149,811,057	159,630,008	377,581
.s (Feb. 28.							
	243	94,579,008	* 119,593,498	4 139,479,806	151.682.221	161.682.222	386,886
30) 7	265	100,219,707	• 126,613,710	148,198,993	162,753,335	173,621,863	491,249
31) 10	277	101,109,145	127,674,818	149.482.864	164,383,496	175,929,540	510,581
Je (June 30,		101,100,110	10.10.10.0	1 10, 102,00	,,		
	318	104,172,853	131.318.714	153,693,767	169,430,623	181,188,438	586,157
30)	11 275	105,214,181	132,633,968	155,410,542	171,776,970	164,020,380	580,900
12)	11 277	105,269,298	132,707,746	155,519,340	171,955,900	164,265,566	564,906
30)	11 280	105,411,141	132,886,747	155,700,823	12 172,169,456	164,494,926	570,933
30)	11 281	105,480,924	132,977,193	155,805,452	172,304,016	184,658,470	572,871
30)	11 281	105.502.622	133,003,058	155,832,689	172,334,547	184,689,318	573,412

conds to total MSA population for 1950 published in 1950 census (84,500,680) plus Honolulu MSA. \*\*Corresponds to population for 1960 published in 1980 census (112,885,178), corrected by subtracting population (39) erroneously 1 Franklin County, Ohio (Columbus MSA). \*\*MSA's as defined for the 1963 economic censuses. \*\*MSA's as the 1967 economic censuses. \*\*MSA's as defined for the 1963 economic censuses. \*\*Corresponds to total 1980 population for 1970 census 54), corrected by subtracting 1,256 population from Lawrence Harverhill MSA; this represented an addition to the 1960 of Andover fowm made subsequent to the original census tabulations, and therefore not reflected in State or netional \*\*Corresponds to total MSA population for 1970 published in 1970 census (139,418,811), plus net corrections made to total MSA's as defined for the 1972 economic censuses. \*\*Includes estimated 1950 population (8,283) of Anchorage Census Division, a defined in 1970. \*\*Includes 1900 population (8,283) of Anchorage Census Division, in 1970. \*\*Includes 1900 population (8,283) of Anchorage Census Division, in 1970. \*\*Includes 1900 population (8,283) of Anchorage Census Division, in 1970. \*\*Includes 1900 population (8,283) of Anchorage Census Division, in 1970. \*\*Includes 1900 population (8,283) of Anchorage Census Division, in 1970. \*\*Includes 1900 population (8,283) of Anchorage Census Division, in 1970. \*\*Includes 1900 population (8,283) of Anchorage Census Division, in 1970. \*\*Includes 1900 population (8,283) of Anchorage Census Division, in 1970. \*\*Includes 1900 population (8,283) of Anchorage Census Division, in 1970. \*\*Includes 1900 population (8,283) of Anchorage Census Division, in 1970. \*\*Includes 1900 population (8,283) of Anchorage Census Division, in 1970. \*\*Includes 1900 population (8,283) of Anchorage Census Division, in 1970. \*\*Includes 1900 population (8,283) of Anchorage Census Division, in 1970. \*\*Includes 1900 population (8,283) of Anchorage Census Division, in 1970. \*\*Includes 1900 population (8,283) of Anchorage

U.S. Bureau of the Census, 1950-1970, U.S. Census of Population, vol. 1; 1980 Census of Population, vol. 1, chapters A Supplementary Report, Metropolitan Statistical Areas (PCB0-S1-18); and Current Population Reports, series P-25, 88-10 (live regional reports).

TABLE B. NONMETROPOLITAN POPULATION AND LAND AREA AS DEFINED AT SPECIFIED DATES FROM 1950 TO 1987

[See headnote for table A, p. 873. Nonmetropolitan population and land area are equivalent to that portion of the total national population and land area not included within MSA's at the dates specified]

MSA DEFINITION AS OF-	POPULATION					Land ares.
	1950, Apr. 1	1960, Apr. 1	1970, Apr. 1	1980, Apr. 1	1986, July 1	(sq. m)
1950 census (Mar. 1952)	66,472,098	72,978,627	81,117,195	97.706.383	105,212,784	3,332,143
1960 census (Nov. 1960)	62,008,895	66,438,036	72,319,370	85,752,378	91,383,781	3,230,177
1964 (Aug. 31)	59,681,610	63,446,832	68,601,120	81,041,942	86,107,084	3,190,428
1968 (Jan. 31)	57,695,812	60,909,571	65,325,779	76,734,748	81,379,368	3,161,708
1970 census (Feb. 28, 1971)	56,746,790	59.729.677	63,822,225	74.883.584	79.327.154	3,152,400
1974 (Apr. 30)	51,016,091	52,709,465	55,103,038	63,792,470	67,387,713	3.048.040
1977 (Dec. 31)	50,216,653	51.648,357	53,819,367	62,162,309	65,079,836	3,028,708
1980 census (June 30, 1981)	47,152,945	48.004,461	49,608,264	57,115,182	59,820,938	2.973.13
1983 (June 30)	46,111,617	46,689,187	47,891,489	54,768,835	56,988,996	2,978.38
1984 (Oct. 12)	46,056,500	46,615,427	47.782.691	54,589,905	56,743,808	2.974.38
1985 (June 30)	45,914,657	46,436,428	47,601,208	54,376,349	56,514,450	2.968.35
1986 (June 30)	45.844.874	46,345,982	47,496,579	54,241,789	56,350,906	2,966,41
1987 (June 30)	45,823,176	46,320,117	47,469,343	54,211,258	56.320,058	2,965,877

TABLE C. PERCENT OF TOTAL U.S. POPULATION AND PERCENT OF LAND AREA INSIDE MSA'S AS
DEFINED AT SPECIFIED DATES FROM 1950 TO 1987

[See headnote for table A, p. 873]

	PERCENT OF POPULATION					Percent of
MSA DEFINITION AS OF-	1980, Apr. 1	1980, Apr. 1	1970, Apr. 1	1980, Apr. 1	1986, July 1	1900 1900
950 census (Mar. 1952)	56.1	59.3	60.1	56.9	56.3	5
980 census (Nov. 1980)	59.0	63.0	64.4	62.2	62.1	
964 (Aug. 31)	60.6	64.6	66.3	64.2	64.3	
968 (Jan. 31)	61.9	66.0	67.9	66.1	66.2	10
970 census (Feb. 28, 1971)	62.5	66.7	68.6	67.0	67.1	10
974 (Apr. 30)	66.2	70.6	72.9	71.8	72.0	13
977 (Dec. 31)	66.8	71.2	73.5	72.6	73.0	14
960 census (June 30, 1961)	68.8	73.2	75.6	74.8	75.2	16
983 (June 30)	69.5	74.0	76.4	75.8	76.4	15
984 (Oct. 12)	69.6	74.0	76.5	75.9	76.5	16
985 (June 30)	69.7	74.1	76.6	76.0	76.6	16
986 (June 30)	69.7	74.2	76.6	76.1	76.6	16
967 (June 30)	69.7	74.2	76.7	76.1	76.6	16

Source of tables B and C. U.S. Bureau of the Census, 1950-1970, U.S. Census of Population, vol. 1, 1960 Census of Population vol. 1, chapters A and B, and Supplementary Report, Metropolitan Statistical Areas, (PC80-S1-18), and Current Population Reports, series P-25, 86-REGION-SC (five regional reports).

# New England County Metropolitan Areas (NECMA'S)

	1980 Popu- lation <sup>1</sup> (1,000)		1989 Popu- lation <sup>1</sup> (1,000)		1986 Popu- lation <sup>1</sup> (1,000)
Bangor, ME Penobscot County		Lewiston-Auburn, ME Androscoggin County	<b>101</b> 101	Portland, ME Cumberland County	228 226
Boston-Lawrence-Salem- Lowell-Brockton, MA Essex County	649 1,367	Manchester-Nashua, NH Hillsborough County	<b>314</b> 314	Portsmouth-Dover- Rochester, NH	316 222 94
Norfolk County	424	New Bedford-Fall River- Attleboro, MA Bristol County	<b>485</b> <b>485</b>	Providence-Pawtucket- Woonecket, RI Bristol County	<b>880</b> 48
Norwalk-Danbury, CT Fairfield County Burtington, VT	821	New Haven-Waterbury- Meriden, CT New Haven County	779 779	Kent County Providence County Washington County	159 582 101
Chittenden County	125	New London-Norwich, CT New London County	<b>246</b> 246	Springfield, MA Hempden County Hampshire County	990 445 141
Middletown-Bristol, CT Hartford County Middlesex County Tolland County	825 137	Pittefield, MABerkshire County		Worcester-Fitchburg- Leomineter, MA Worcester County	<b>96</b> 1 <b>96</b> 1

As of July 1.

Source: U.S. Bureau of the Census, Current Population Reports, series P-26, No. 86-A; press re-lease (CB87-116) and unpublished data.

# **APPENDIX II**

# ropolitan Statistical Areas and their Components as of June 30, 1987

[Population estimated as of July 1, 1986. All MSA's are arranged alphabetically. For relationship of PMSA's to their CMSA's, see CMSA entry]

	1980 Population (1,000)		1988 Population (1,000)		1989 Popu- lation (1,000)
MSA	126	Atlanta, GA MSA	2.561	Bellingham, WA MSA	114
inty	128	Barrow County	26 16	Whatcom County	114
MSA	645	Cherokee County	74	Benton Harbor, MI MSA	164
bunty	137	Clayton County	170	Berrien County	164
ounty	508	Cobb County	392		
		Coweta County	46	Bergen-Passaic, NJ PMSA	1,298
MSA	117	De Kalb County	529	Bergen County	837
County	103 14	Douglas County	88	Passaic County	461
<b>y</b>	14	Fayette County	47	Billings, MT MSA	120
enectady-Troy,		Forsyth County	38 623	Yellowstone County	120
***************************************	844	Fulton County	277	Tollowstone County	
unty	844 283	Henry County	47	Biloxi-Gulfport, MS MSA	204
ounty	42	Newton County	40	Hancock County	32
ry County	52	Paulding County	33	Harrison County	173
County	152	Rockdale County	47		
county	164	Spalding County	53	Binghamton, NY MSA	262
dy County	150	Walton County	34	Tioga County	211 51
ounty	474	Atlantic City, NJ MSA	297		
County	474	Atlantic County	205	Birmingham, AL MSA	911
		Cape May County	92	Blount County	39
LA MSA	140	cops may county manner		Jefferson County	676
arish	140	Augusta, GA-SC MSA	300	St. Clair County	50
ethlehem, PA-		Columbia County, GA	56	Shelby County	81 66
ennement, PA-	657	Columbia County, GA	20	Walker County	•
unty, PA	54	Richmond County, GA	195	Bismarck, ND MSA	-
unty, PA	281	Aiken County, SC	119	Burleigh County	60
on County, PA	234			Morton County	26
unity, NJ	87	Aurora-Elgin, IL PMSA	343		
		Kane County	306	Bloomington, IN MSA	102
MBA	132	Kendall County	37	Monroe County	102
ly	132	Austin TV MCA	726	Manager Manager W	
: MSA	195	Austin, TX MSA	61	Bloomington-Normal, IL	123
nty	107	Travis County	561	MSA McLean County	123
aunity	60	Williamson County	115	McLean County	123
-				Boles City, ID MSA	194
nte Ane, CA		Bakersfield, CA MSA	404	Ada County .	194
	2,167	Kern County	494	Danton 114 Page	
unty	2,167			Boston, MA PMSA	<b>2,824</b> 38
AM 800 A	236	Baltimore, MD MSA	2,200 406	Bristol County (pt.) Essex County (pt.)	119
AK MBA	235	Anne Arundel County	400 670	Middlesex County (pt.)	1,119
Borough	235	Baltimore County	112	Norfolk County (pt.)	591
N MSA	133	Carroll County	158	Plymouth County (pt.)	227
ounty	133	Harford County	151	Suffolk County	661
<b>Carry</b>		Queen Anne's County	30	Worcester County (pt.)	66
IC MSA	141	Baltimore city	753		
County	141	]		Boston-Lawrence-Salem,	4 000
•		Bangor, ME MSA	83	Boston, MA PMSA	4,066 2,824
IN PINSA	206	Penobscot County (pt.)	81	Brockton, MA PMSA	186
r County	266	Waldo County (pt.)	3	Lawrence-Haverhill, MA-	
L 108A	124	Baton Rouge, LA MSA	546	NH PMSA	368
ounty	124	Ascension Parish	59	Lowell, MA-NH PMSA	254
		East Baton Rouge Parish	393	Nashua, NH PMSA	163
ihkoeh-Neenah,		Livingston Parish	73	Salem-Gloucester, MA PMSA	259
	307	West Baton Rouge Parish	21	FMON donocontrations	230
ounty		l		Boulder-Longmont, CO	
County	35 136	Battle Creek, MI MSA	137	PMSA	214
) County	136	Calhoun County	137	Boulder County	214
C MBA	170	Beaumont-Port Arthur, TX		Bradenton, FL MSA	177
County	170	MSA	376	Manatee County	177
•		Hardin County	43		•••
MSA	141	Jetterson County	250	Brazoria, TX PMSA	180
mly	79	Orange County	63	Brazoria County	180
ounty	26				
Ounty	20	Beaver County, PA PMSA	183	Bremerton, WA MSA	180
sunty	15	Beaver County	193	Kitsep County	169

# Appendix II

	Popu- lation (1,000)		Popu- lation (1,000)		Population (1,000)
Bridgeport-Milford, CT PMSA		Cheyenne, WY MSA		Dallas, TX PMSA	2,40
PMSA	444	Laramie County		Collin County	211
Fairfield County (pt.)	330			Dallas County	1,600
New Haven County (pt.)	108	Chicago, IL PMSA	6,188	Denton County	20
Deletel OT DMC4		Cook County	5,298	Ellis County	71 52
Bristol, CT PMSA Hartford County (pt.)	76 65	Du Page County	726 162	Rockwall County	ž
Litchfield County (pt.)	11	McHenry County	102	- 1117	-
Brockton, MA PMSA	188	Chicago-Gary-Lake County		Dallas-Fort Worth, TX	3.00
Bristol County (pt.)	19	(IL), IL-IN-WI CMSA Aurora-Elgin, IL PMSA	6,116 343	Dallas, TX PMSA	3,660 2,401
Norfolk County (pt.)	. 5	Chicago, IL PMSA	6,188	Fort Worth-Arlington, TX	
Plymouth County (pt.)	164	Gary-Hammond, IN PMSA	815	Fort Worth-Arlington, TX PMSA	1,25
		Joliet, IL PMSA	370	Danbury, CT PMSA	•
Brownsville-Harlingen, TX MSA	257	Kencehe, WI PMSA Lake County, IL PMSA	120 480	Panbury, CT PMSA	163
Cameron County	257	County, IC Pandy		Litchfield County (pt.)	Z
Bryan-College Station, TX		Chico, CA MSA Butte County	167 167	Danville, VA MSA	110
MSA	121		107	Pittsylvania County Danville city	<b>6</b>
Brazos County	121	Cincinnati, OH-KY-IN PMSA	1,419	Darrone City	_
		Clermont County, OH	141	Davenport-Rock Island-	
Buffalo, NY PMSA	986 985	Hamilton County, OH	865	Moline, IA-IL MSA	37
Erie County	200	Warren County, OH.	105 52	Scott County, IA	15
Buffalo-Niagara Falls, NY		Campbell County, KY	82	Moline, IA-IL MSA Scott County, IA Henry County, IL Rock Island County, IL	54 100
CMSA	1,182	Kenton County, KY	136		
CMSA Buffalo, NY PMSA Niegara Falls, NY PMSA	865	Dearborn County, IN	37	Dayton-Springfield, OH MSA Clark County	
Niegara Falls, NY PMSA	217	Charles of Headman CH		MSA	99
		Cincinnati-Hamilton, OH-	1,000	Clark County	14
Burlington, NC MSA	182 102	KY-IN CMSA Cincinnati, OH-KY-IN	1,000	Greene County	
Alamence County	102	PMSA	1,419	Miami County	90 50
Burlington, VT MSA	125	Hamilton-Middletown, OH			
Chittenden County (pt.)	118	PMSA	271	Volusia County	**
Franklin County (pt.)	3	Clarksville-Hopkinsville,			
Grand late County (pt.)		TN-KY MSA Montgomery County, TN Christian County, KY	154	Decelur, IL MSA Mecon County	12
Canton, OH MSA	400	Montgomery County, TN	91	Macon County	127
Carroll County	27	Christian County, KY	63	Denver CO PMSA	1,63
Stark County	374	Cleveland, OH PMSA	1,000	Adams County	27
A WW 140 1		Cuyahoga County	1,445	Arapahoe County	36
Natrona County	71 71	Geauga County	76	Deriver County	505
Nationa County	′'	Lake County	212	Douglas County	3
Ceder Rapids, IA MSA	100	Medina County	117	Jefferson County	427
Linn County	169	Cleveland-Akron-Lorain, OH		Denver-Boulder, CO CMSA	1,847
		CMSA	2,706	Boulder-Longmont, CO	-
Champaign-Urbana-Rantoul, IL MSA	171	Akron, OH PMSA	645	PMSA	214
Champaign County	171	Cleveland, OH PMSA	1,860	Denver, CO PMSA	1,633
		Lorain-Elyria, OH PMSA	271	Des Moines, IA MSA	381
Charleston, SC MSA	400	Colorado Springs, CO MSA	300	Dallas County	30
Berkeley County	124	El Paso County	380	Polk County	310
Charleston County Dorchester County	286 76			Warren County	3
solutions obtain minimum		Columbia, MO MSA		Detroit, MI PMSA	4,330
Charleston, WV MSA	906	Boone County	100	Lapeer County	7
Kanawha County	224 42	Columbia, SC MSA	446	Livingston County	105
Putnam County	~~	Lexington County	170	Macomb County	697 132
Charlotte-Gastonia-Rock		Richland County	275	Monroe County	1.02
HIII, NC-SC MSA	1,000	Columbus CA At MCA	251	St. Clair County	141
Cabarrus County, NC	92	Columbus, GA-AL MSA Chattahoochee County, GA		Wayne County	2,164
Lincoln County, NC	171 46	Muscogee County, GA	181	Detroit Ann Arbor MI	
Mecklenburg County, NC	451	Muscogee County, GA Russell County, AL	49	Detroit-Ann Arbor, Mi CMSA	4.00
Rowan County, NC	105			Ann Arbor, MI PMSA Detroit, MI PMSA	201
Union County, NC	80	Columbus, OH MSA	1,290	Detroit, MI PMSA	4,33
Cabarrus County, NC Gaston County, NC Lincoln County, NC Mecklenburg County, NC Nowan County, NC Union County, NC York County, NC	121	Delaware County Fairfield County	59 97	Dothan, AL MSA	
Charlottesville, VA MSA	121	Franklin County	907		130
Albemarle County	61	Licking County	125 1	Houston County	ě
Fluvanna County	11	Madison County	36		_
Greene County	9	Pickaway County	40	Dubuque, IA MSADubuque County	2
					•
Chattanooga, TN-GA MSA	426	Corpus Christi, TX MSA	300 302	Duluth, MN-WI MSA	24 20
Marino County, TN	284	Nueces County	302 62	St. Louis County, MN	202
Hamilton County, TN Marion County, TN Sequatchie County, TN Catoosa County GA	25 9	San Patricio County	92	Douglas County, WI	4
Catoosa County GA	30	Cumberland, MD-WV MSA	102	Eau Claire, WI MSA	197
Dade County, GA	16	Allegany County, MD	74	Chippewa County	5
Walker County, GA	56	Mineral County, WV		Eau Claire County	84

# Metropolitan Statistical Areas

	1986 Population (1,000)		1996 Popu- lation (1,000)		1986 Popu- lation (1,000)
X MSA	<b>881</b> 561	Fort Worth-Arlington, TX PMSA	1,254	Middletown, CT PMSA New Britain, CT PMSA	64 144
zehen, IN MSA	146 146	Johnson County Parker County Tarrant County	80 1,102	Hickory, NC MSAAlexander County	218 27
•			-	Burke County	76
g County	91 91	Fresno County	906 586	Catawba County	114
County	<b>63</b>	Gadaden, AL MSA Etowah County	<b>102</b> 102	Honolulu, HI MSA	817
nty	<b>279</b> 279	Gainesville, FL MSA	360 176 24	Houma-Thibodaux, LA MSA Lafourche Parish Terrebonne Parish	87
oringfield, OR	263	Galveston-Texas City, TX	-	Fort Bend County	
unty	263	PMSA Galveston County	<b>215</b> 215	Harris County	2,798
, IN-KY MSA	261			Montgomery County	160
ounty, IN	26 186	Gary-Hammond, IN PMSA	615	Waller County	23
urgh County, IN County, IN	45	Lake County	4 <b>92</b> 123	Houston-Galveston-	
on County, KY	42	Glens Falls, NY MSA	112	Brazoria, TX CMSA	3,834 169
MA-RI PMSA	158	Warren County	56	Galveston-Texas City, TX	
County, RI (pt.)	140 17	Washington County	57	PMSAHouston, TX PMSA	215 3,231
whead, ND-MN	146	Grand Forks, ND MSA Grand Forks County	98 69	Huntington-Ashland, WV-KY-OH MSA	-
unty, ND	97	Grand Rapids, MI MSA	640	Cabell County, WV	105
inty, MN	46	Kent County	478	Wayne County, WV	45
- 110 110 1		Ottawa County	171	Boyd County, KY	53
e, NC MSA	250	Great Falls, MT MSA	70 79	Boyd County, KY	45 53 25 36 62
e-Springdale, AR		Cascade County	,,		
ton County	<b>167</b> 107	Weld County	136 135	Huntsville, AL MSA	234 234
Leominster, MA		Green Bay, WI MSA	187	Indianapolis, IN MSA	
***************************************	**	Brown County	187	Boone County	39 94
sr County (pt.)sr County (pt.)	94	Greensboro-Winston-		Hancock County	45
a county (pr.) manual	•	Salem-High Point, NC		Hendricks County	74
SA	426	MSA.	360 118	Marion County	83 785
County	435	Davidson County	29	Morgan County	. 53
AL MSA	135	Forsyth County	260	Shelby County	39
county	54	Guilford County	326	lowe City, IA MSA	
ile County	63	Randolph County Stokes County	99 36	Johnson County	
SC MSA	116	Yadkin County	30		144
County	116	Greenville-Spartanburg, SC		Jackson, MI MSA	144
s-Loveland, CO		MSA	906 306		
***************************************	179	Greenville County		Jackson, MS MSA Hinds County	302 200
County	175	Pickens County Spartanburg County	<b>86</b> 213	Madison County	50
erdale-Holly-		Hagerstown, MD MSA	114	Rankin County	Œ.
Pompano FL PMSA	1,142	Washington County	114	Jackson, TN MSA	
County	1,142	Hamilton-Middletown, OH		Madison County	
s-Cape Coral, FL		PMSA	<b>271</b> 271	Jacksonville, FL MSA	<b>263</b> 91
nty	279 279	Butler County	2/1	Clay County	646
		Harrisburg-Lebanon- Carlisle, PA MSA	577	St. Johns County	
, FL MSA	<b>206</b> 85	Cumberland County	190		
County	120		237 112	Jacksonville, NC MSA	. 1 <b>27</b> 127
		Lebanon County	39	Craco county	127
AR-OK MSA	176			Janesville-Beloit, WI MSA	
County, AR	42 90	Hartford, CT PMSA	<b>730</b> 614	Rock County	136
h County, OK	99 35	Hartford County (pt.)	8	Jersey City, NJ PMSA	. 663
n Reach Et MC+	141	Middlesex County (pt.)	8	Hudson County	553
n Beach, FL MSA County	141	New London County (pt.) Tolland County (pt.)	9 101	Johnson City-Kingsport- Bristoi, TN-VA MSA	443
e, IN MSA	206	Hartford-New Britain-		Carter County, TN	. 51
unty	295	Middletown, CT CMSA	1,044	Hawkins County, TN	45
County	34 27	Bristol, CT PMSA	76	Sullivan County, TN	146 17
		Hartford, CT PMSA	739	Unicoi County, TN	. 17

# Appendix II

	Popu- tetion (1,000)		Popu- letion (1,000)		Popu- lation (1,000)
Washington County, TN	93	Las Cruces, NM MSA	123	Macon-Warner Robins, GA	(1,000)
Scott County, VA	26 47	Done Ane County	123	MSA Bibb County	202 156
Bristol city, VA	18	Las Vegas, NV MSA	300	Houston County	17
		Clark County	589	Jones County	19 20
Cambria County	173	Lawrence, KS MSA		Peach County	-
Somerset County	81	Douglas County	73	Madison, WI MSA	345 345
Jollet, IL PMSA	370	Lawrence-Haverhill, MA-		Dane County	-
Grundy County	32	NH PMSA Essex County MA (pt.)		Manchester, NH MSA	146 125
Will County		Rockingham County, NH		Hillsborough County (pt.) Merrimack County (pt.)	13
Joplin, MO MSA	133 90	(pt.)	95	Rockingham County (pt.)	7
Jasper County Newton County	43	Lawton, OK MSA	121	Manefield, OH MSA	120
Kalamazoo, MI MSA	218	Comenche County	121	Richland County	129
Kalamazoo County		Lewiston-Auburn, ME MSA		McAllen-Edinburg-Mission,	
Kankakee, IL MSA		Androscoggin County (pt.)	85	TX MSA	206
Kankakee County	98	Lexington-Fayette, KY MSA	302	Hidalgo County	-
	4 546	Bourbon County	20	Mediord, OR MSA	146
Cass County, MO	1,518 57	Fayette County	29 213	Jackson County	140
Clay County, MO	145	Jessamine County	29		
Jackson County, MO	636	Scott County Woodford County	22	Melbourne-Titusville-Paim Bay, FL MSA	
Platte County, MO	31	Woodford County	19	Brevard County	361 361
Platte County, MO	51 22				
Ray County, MOJohnson County, KS	318	Lima, OH MSA	154 110	Memphis, TN-AR-MS MSA Shelby County, TN Tipton County, TN	989
Leavenworth County, KS	61	Allen County Auglaize County	44	Shelby County, TN	810
Miami County, KS	23	Augiaize County	-	Tiplon County, TN	*
Miami County, KS Wyandotte County, KS	174	Lincoln, NE MSA Lancaster County	206	Crittenden County, AR De Soto County MS	50 64
Kenosha, WI PMSA	120	Lancaster County	206		•
Kenosha County	120	Little Rock-North Little		Merced, CA MSA	164 164
VIII.		Rock AR MSA	•	Merced County	164
Killeen-Temple, TX MSA	294 175	Faulkner County	53	Miami-Fort Lauderdale, FL	
Bell County	50	Lonoke County		CMSA	2.912
		Pulaski County	300	Fort Lauderdale-Hollywood-	
Knoxville, TN MSA	581	Comit County Institution Institution	•	Pompano Beach, FL PMSA	1,142
Anderson County	69 83	Longview-Marshall, TX MSA	179	Miami-Hialeah, FL PMSA	1,770
Blount County	17	Gregg County	112	Milater Harani, FL F Mort	.,,,,
Jefferson County	33	Harrison County	58	Miami-Hisleah, FL PMSA	1,770
Knox County	329	Lorain-Elyria, OH PMSA	271	Dade County	1,770
Sevier County	47	Lorain County		Middlessa Compress	
Union County	12			Middlesex-Somerset- Hunterdon, NJ PMSA	989
Kokomo, IN MSA	101	Los Angeles-Anaheim-	13,075	Hunterdon County	96
Howard County	85 16	Anaheim-Santa Ana, CA	10,075	Middlesex County Somerset County	636 214
Tipton County	10	PMSA	2,167	Somerset County	210
La Crosse, WI MSA	54 94	Los Angeles-Long Beach, CA PMSA	8,296	Middletown, CT PMSA	84
La Crosse County	94	Oxnard-Ventura, CA PMSA	611	Middletown, CT PMSA	64
Lafayette, LA MSA	218	Riverside-San Bernardino,		Midland, TX MSA	111
Lafayette Parish	172	CA PMSA	2,001	Midland County	111
St. Martin Parish	46	Los Angeles-Long Beach			
Lefayette, IN MSA	124	CA PMSA	8.296	Milwaukee, WI PMSA	1,380
Tippecanoe County	124	Los Angeles-Long Beach, CA PMSA Los Angeles County	8,296	Milwaukee County	932
CARLO DE CONTROL E PROPERTO		Louisville KV-IN MCA	-	Washington County	
Calcasieu Parish	173 173	Louisville, KY—IN MSA  Bullitt County, KY  Jefferson County, KY  Oldham County, KY  Shelby County, KY  Clark County, IN  Floyd County, IN  Harrison County, IN	46	Washington County Waukesha County	206
		Jefferson County, KY	661	Milweykee Decine Wi	
Lake County, IL PMSA	400	Oldham County, KY	31	Milwaukee-Racine, WI CMSA	1.682
Lake County	480	Clark County, KY	24 69	Milwaukee, WI PMSA	1,300
Lakeland-Winter Haven, FL		Floyd County, IN	63	Racine, WI PMSA	172
MSA	377	Harrison County, IN	29	l	
Polk County	377			Minneapolis-St. Paul, MN-WI MSA	
		Lowell, MA-NH PMSA	254	Anoka County MN	221
Lancaster, PA MSA	394 394	Middlesex County, MA (pt.)	245	Carver County, MN	
Lancaster County	394	Hillsborough County, NH	9	Anoka County, MN. Carver County, MN. Chisago County, MN.	ä
Lansing-East Lansing, MI		A communication of the communi	•	Dakota County, MN	225
MSA	425	Lubbock, TX MSA	225	Hennepin County, MN	100
Clinton County	56	Lubbock County	225	Barnery County, MN	474
Caton County Accommended	וע	Lunghhum VA 2004	444	Ramsey County, MN	41 228 906 25 474 50
Ingham County	278	Amherst County	144	Washington County, MN	136
Laredo, TX MSA	121	Campbell County	47	Wright County, MN	65
Webb County	121	Lynchburg city	86	St. Croix County, WI	46

	1360 Popu- lation (1,000)		1360 Popu- letion (1,000)		1360 Popu- lation (1,000)
County	476 92 378	New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA	17.000	Oxnerd-Ventura, CA PMSA Ventura County	61 <sup>1</sup>
		Bosses Basses MI OMEA	1,296	Panama City, FL MSA	12: 12:
us County	<b>317</b> 317	Bridgeport-Millford, CT PMSA Danbury, CT PMSA Jersey City, NJ PMSA Middlesex-Somerset-	444 188	Bay County	12
h-Ocean, NJ		Jersey City, NJ PMSA	553	OH MSA	150
uth County	<b>935</b> 543 393	Hunterdon, NJ PMSA Monmouth-Ocean, NJ PMSA	950 935	Parkersburg-Marietta, WV- OH MSA Wood County, WV Washington County, OH	84
_A 168A	146 146	Nassau-Suffolk, NY PMSA New York, NY PMSA Newark, NJ PMSA	2,635 8,473	Pascagoula, MS MSA	121 121
	299	Newark, NJ PMSA Norwalk, CT PMSA	1,889 128	Pawtucket-Woonsocket-	317
County	36	Orange County, NY PMSA Stamford, CT PMSA	262	Attleboro, RI-MA PMSA Providence County, RI (pt.) Bristol County, MA (pt.)	22
mery County	48 215	Stamford, CT PMSA	195	Bristol County, MA (pt.)	7
		Newark, NJ PMSA	1,000	Norfolk County, MA (pt.) Worcester County, MA (pt.)	- 7
MSA	<b>121</b> 121	Essex County	642	1	337
<ul><li>County</li></ul>	121	Morris County	419 124	Pensacola, FL MSA Escambia County	27
n County	1 <b>58</b> 159	Union County	504	Santa Rosa County	60
	404	Niagara Falls, NY PMSA	217	Peoria County	340
L MSA County	<b>121</b> 121	Nagara County	217	Peoria County Tazewell County Woodford County	346 185 125 33
IH PMSA	163	Norfolk-Virginia Beach- Newport News, VA MSA		Obiledelphia DA-NI	
ough County (pt.) hem County (pt.)	147 16	MSAGloucester County	1,300 28	Philadelphia, PA-NJ PMSA	4,82
man county (pc)	,,,	James City County	27	Bucks County PA	4,82 52 33
TN MSA	631	York County  Chesapeake city  Hampton city  Newport News city	40	Delawere County PA	56
n County	25 498	Hamoton city	134 126	Montgomery County, PA Philadelphia County, PA Burlington County, NJ Camden County, NJ	673
County	33	Newport News city	162	Philadelphia County, PA	1,643 385
on County	40	Norfolk city	275	Camden County, NJ	49
ord County	103 97	Portsmouth city	10 111	Gloucester County, NJ	213
on County	72	Suffolk city	51	Philadelphia Wilmington	
	64	Virginia Beach city Williamsburg city	333 11	Philadelphia-Wilmington- Trenton, PA-NJ-DE-MD CMSA	5,83
County	2,635 1,323	Norwalk, CT PMSA	126	Philadelphia, PA-NJ PMSA Trenton, NJ PMSA	4,820 32
County	1,323 1,312	Fairfield County (pt.)	128	Vineland-Millville-Bridgeton, NJ PMSA	130
ord, MA MSA	170	Oakland, CA PMSA	1, <b>934</b> 1,209	Wilmington, DE-NJ-MD	
h County (pt.)	158 14	Alameda County	725	PMSA	55
in, CT PMSA	144 144	Ocala, FL MSA	171 171	Phoenix, AZ MSA Maricopa County	1,900 1,900
boomy (pr.)	144			Pine Bluff, AR MSA	91
m-Meriden, CT	512	Odessa, TX MSA	1 <b>33</b> 133	Jefferson County	
ex County (pt.)ven County (pt.)	17 495	Oklahoma City, OK MSA	906	Pittsburgh, PA PMSA	2,12 1,37
	400	Canadian County	73	Allegheny County	150
lon-Norwich, CT-		Canadian County	162 31	Washington County	212 36
ondon County, CT	299	Logan County	25	Westmoreland County	<b></b>
	229	McClain County Oklahoma County Pottawatomie County	630	Pittsburgh-Beaver Valley, PA CMSA	
n County, CT (pt.) pton County, RI	4	\$	62	Beaver County, PA PMSA Pittsburgh, PA PMSA	2,310 190 2,120
	27	Olympia, WA MSAThurston County	147 147		-
ans, LA	1,334			Pittsfield, MA MSA	8
n Parish	479	Omaha, NE-IA MSA	614	Berkshire County (pt.)	
Parish	554 69	Douglas County, NE Sarpy County, NE Washington County, NE	415 98	Portland, ME MSA	200 180
les Parish	43	Washington County, NE	16	Cumberland County (pt.)	181
The Baptist Parish	41 147	Pottawattamie County, IA	88	York County (pt.)	
many Pansh		Orange County, NY PMSA	202	Portland, OR PMSA	1,15
ounty	8,473	Orange County	262	Clackamas County	25° 56°
ounty	1,194			Multnomah County Washington County	27
rk County	1.478	Orlando, FL MSA Orange County	575	Yamhill County	5
County	82	Orange County	83		
County	1,923	Seminole County	240	Portland-Vancouver, OR-	1,33
d County	375 266	Owensboro, KY MSA	56	Portland, OR PMSA	1,15
aster County	863	Daviess County	66	Vancouver, WA PMSA	21

# Appendix II

	Popu- lation (1,000)		Population (1,000)		Popu- tetion (1,000
Portsmouth-Dover- Rochester, NH-ME	(1,000)	Rochester, NY MSALivingston County	300 50	Vallejo-Fairfield-Napa, CA PMSA	30
MSA	215	Monroe County Ontario County Orleans County	703		
Rockingham County, NH	76	Ontario County	92 30	San Jose, CA PMSA Santa Clara County	1,48
(pt.) Stafford County, NH (pt.) York County, ME (pt.)	90	Wayne County	88		1,40
		Rockford, IL MSA	300	Santa Barbara-Santa Maria- Lompoc, CA MSA Santa Barbara County	33
Poughkeepsie, NY MSA Dutchess County	<b>257</b> 257	Boone County Winnebago County	29 251		33
Providence, RI PMSA	634	Sacramento, CA MSA	1,291	Santa Cruz, CA PMSA	21 21
Bristol County	46	El Dorado County	108		
Kent County (pt.) Newport County (pt.)	158 5	Placer County	143 915	Sento Fe, IM MSA	10
Providence County (pt.) Washington County (pt.)	357	Yolo County		Los Alamos County Santa Fe County	G
		Saginaw-Bay City-Midland,		Santa Rosa-Petaluma, CA	
Providence-Pawtucket-Fall River, RI-MA CMSA	1,168	MI MSABay County	<b>404</b> 115	PMSA	24 34
Fall River, MA-RI PMSA	158	Midland County	72	Sonoma County	34
Pawtucket-Woonsocket-		Saginaw County	216	Serecte, FL MSA	24
Attleboro, RI-MA PMSA Providence, RI PMSA	634			Seresota County	24 24
		St. Cloud, MN MSA Benton County	27	C	
Provo-Orem, UT MSA	241 241	Sherburne County	34	Savannah, GA MSA Chatham County	21
Utah County	241	Steams County	114	Effingham County	Ž
Pueblo, CO MSA	1 <b>27</b> 127	St. Joseph, MO MSA Buchanan County	86 85	Scranton-Wilkes-Barre, PA	72
Racine, WI PMSA	172	St. Louis, MO-IL MSA	2,436	Columbia County	6
Racine County	172	Franklin County, MO	78	Luzerne County	22 33
Raleigh-Durham, NC MSA	651	Franklin County, MO Jefferson County, MO	164	Monroe County	
Durham County	167	St. Charles County, MO	182 993	Wyoming County	8
Franklin County, department of the	34	St. Louis county, MO	426	0	
Orange County	65 365	Clinton County, IL	34	King County	1,75 1,38 30
		Jersey County, IL	20 250	Seattle, WA PMSA	30
Rapid City, SD MSA	77	Monroe County, IL	250		
Pennington County	77	Jefferson County, MO. St. Charles County, MO. St. Louis County, MO. St. Louis city, MO. Clinton County, II. Jersey County, II. Madison County, II. Morroe County, II. St. Clair County, II.	270	Seattle-Tacoma, WA CMSA Seattle, WA PMSA Tacoma, WA PMSA	2,39 1,75
Reading, PA MSA	321			Tacoma, WA PMSA	53
Berks County	321	Salem, OR MSA Marion County	215		
Redding, CA MSA Shasta County	133	Polk County	47	Sharon, PA MSA Mercer County	13 12
Shasta County	133	Salem-Gloucester, MA			
Reno, NY MSA	225	PMSA	200	Sheboygan, WI MSA	10
Washoe County	225	PMSA Essex County (pt.)	250	Sheboygan County	
Richland-Kennewick-Pasco,		Salinas-Seaside-Monterey,	240	Grayson County	3
WA MSA Benton County	150 113	Monterey County	340 340		
Franklin County	37			Shreveport, LA MSA Bossier Parish	30 8: 27:
		Selt Lake City-Ogden, UT MSA.	1,041	Caddo Parish	27
Richmond-Petersburg, VA MSA	810	MSA Davis County	180	SIGNY CITY IA-NE MSA	110
Charles City County Chesterfield County		Salt Lake County	702	Sloux City, IA-NE MSA. Woodbury County, IA Dakota County, NE	91
Dinwiddle County	172 21	Weber County	159	Dakota County, NE	17
Goochland County	13	San Angelo, TX MSA Tom Green County	88	Sioux Falls, SD MSA	12
Hanover County	54 196	Tom Green County	98	Minnehaha County	12
New Kent County	196	San Antonio, TX MSA	1,276	South Bend-Mishawaka, IN	
Powhatan County	13	Bexar County	1.170		24
Prince George County	26 17	Comal County	49	St. Joseph County	24
Colonial Heights city	24	Guadalupe County	-	Contana WA MCA	-
Petersburg city	40	San Diego, CA MSA San Diego County	<b>2,201</b> 2,201	Spokane, WA MSA	36 35
Richmond city	218	San Diego County	2,201		
Riverside-San Bernardino,		San Francisco, CA PMSA	1,000	Springfield, IL MSA Menard County	19 1
CA PMSA	2,001	Marin County	226	Sangamon County	17
Riverside County		San Francisco County	749 614		
				Springfield, MA MSA Hampden County (pt.) Hampshire County (pt.)	514 43
Roanoke, VA MSA	225	San Francisco-Oakland-San Jose, CA CMSA Oakland, CA PMSA		Hampshire County (pt.).	
Roanoke County	25 75	Oakland, CA PMSA	<b>5,878</b> 1,934	Springfield MO MC A	
Hoenoke city	102	San Francisco CA PMSA	1.588	Springfield, MO MSA	22
Selem city	24	San Jose, CA PMSA	1,402	Greene County	19
Rochester, MN MSA		Santa Cruz, CA PMSA	218		19
Olmsted County	98	Santa Rosa-Petaluma, CA PMSA	344	Stamford, CT PMSA Fairfield County (pt.)	19

# [See headnote, p. 875]

	1360 Popu- letion (1,000)		Population (1,000)		Population (1,000)
State College, PA MSA		Tules County Wagoner County		Waterloo-Cedar Falls, IA MSA	182
Steubenville-Weirton, OH-		Tuecaloosa, AL MSA	141	Black Hawk County Bremer County	128
WV MSA	. 156	Tuscaloosa County	141		
Jefferson County, OH		Tyler, TX MSA	152	Wausau, WI MSA	112
Brooke County, WV Hancock County, WV		Smith County		Marathon County	112
Stockton, CA MSA	433	Utica-Rome, NY MSA	315	West Palm Beach-Boca	
San Joaquin County	433	Herkimer County Oneida County		Raton-Deiray Beach, FL MSA	730
Syracuse, NY MSA	. 640			Palm Beach County	756
Madison County		Vallejo-Fairfield-Napa, CA		Mhaallaa WW OU MOA	494
Onondaga County	463	PMSA		Wheeling, WV-OH MSA	176 36
Oswego County		Napa County		Ohio County, WV	56
		Solano County	286	Belmont County, "OH	78
Tacoma, WA PMSA	533	Vancouver, WA PMSA	211	Sumoin County, St. Commission	
Pierce County	. 533	Clark County		Wichita, KS MSA	478
Tallahassee, FL MSA	218			Butler County	48
Gadsden County		Victoria, TX MSA		Harvey County	31
Leon County		Victoria County	76	Sedgwick County	391
Tampa-St. Petersburg-		Vineland-Millville-Bridgeton,		Wichita Falls, TX MSA	127
Clearwater, FL MSA	1.914	NJ PMSA		Wichita County	127
Hernando County	78	Cumberland County	136		
Hillsborough County		Visalia-Tulare-Porterville,		Williamsport, PA MSA	11 <b>6</b>
Pasco County	246	CA MSA	267	Lycoming County	110
Pinellas County	815	Tulare County		Wilmington, DE-NJ-MD	
Terre Haute, IN MSA	134			PMSA	561
Clay County		McLennan County		New Castle County, DE	418
Vigo County	109			Salem County, NJ Cecil County, MD	86 85
Texarkana, TX-Texarkana,		Washington, DC-MD-VA MSA		,	
AR MSA	120	Washington, DC	826	Wilmington, NC MSA	114
Bowie County, TX	81 39	Calvert County, MD		New Hanover County	114
Miller County, AR		Charles County, MD	69	March 1997	400
Toledo, OH MSA	611	Frederick County, MD	131	Worcester, MA MSA Worcester County (pt.)	408
Fulton County	30	Montgomery County, MD	865	Worcester County (pr.)	400
Lucas County	462	Prince Georges County, MD		Yakima, WA MSA	100
Wood County	110	MD.	661 159	Yaldma County	183
T VC 1101	404	Arlington County, VA			
Topeka, KS MSAShawnee County		Loudoup County VA	67	York, PA MSA	900
Shawned County	, ,,,,	Prince William County, VA	175	Adams County	71
Trenton, NJ PMSA	. 221	Stafford County, VA	50	York County	327
Mercer County	321	Stafford County, VA Alexandria city, VA Fairfax city, VA	108	Youngstown-Warren, OH	
		Fairfax city, VA	20 10	MSA	510
Tucson, AZ MSA	<b>602</b>	Falls Church city, VA	20	Mahoning County	277
Pima County	,	Manassas city, VA	7	Trumbull County	233
Tulsa, OK MSA				V-5-00-04-04-06	114
Creek County		Waterbury, CT MSA	212	Yuba City, CA MSA	114 59
Osage County		Litchfield County (pt.)		Yuba County	55
Rogers County	56	New Haven County (pt.)	1/5		~

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-26, No. 86-A; press release (CB67-116); and unpublished data.



# Appendix III

# Statistical Methedology and Rollability

Introduction.—The data presented in this Statistical Abstract came from many sources. The sources include not only Federal statistical bureaus and other organizations that collect and issue statistics as their principal activity, but also governmental administrative and regulatory agencies, private research bodies, trade associations, insurance companies, health associations, and private organizations such as the American Red Cross and philanthropic foundations. Consequently, the data vary considerably as to reference periods, definitions of terms and, for ongoing series, the number and frequency of time periods for which data are available.

The statistics presented were obtained and tabulated by various means. Some statistics are based on complete enumerations or censuses while others are based on samples. Some information is extracted from records kept for administrative or regulatory purposes (school enrollment, hospital records, securities registration, financial accounts, social security records, income tax reurns, etc.), while other information is obtained explicitly for statistical purposes through interviews or by mail. The estimation procedures used vary from highly sophisticated scientific techniques, to crude "informed guesses."

Each set of data relates to a group of individuals or units of interest referred to as the target universe or target population, or simply as the universe or population. Prior to data collection the target universe should be clearly defined. For example, if data are to be collected for the universe of households in the United States, it is necessary to define a "household." The target universe may not be completely tractable. Cost and other considerations may restrict data collection to a survey universe of households on some available list, such list being inaccurate, out of date, defining "household" slightly differently, etc. This list is called a survey frame or sampling frame.

The data in many tables are based on data obtained for all population units, a census, or on data obtained for only a portion, or sample, of the population units. When the data presented are based on a sample, the sample is usually a scientifically selected probability sample. This is a sample selected from a list or sampling frame in such a way that every possible sample has a known chance of selection and usually each unit selected can be assigned a number, between zero and one, representing its likelihood or probability of selection.

For large-scale sample surveys, the probability sample of units is often selected as a multistage sample. The first stage of a multistage sample is the selection of a probability sample of large groups of population members, referred to as primary sampling units (PSU's). For example, in a national multistage household sample, PSU's are often counties or groups of counties. The second stage of a multistage sample is the selection, within each PSU selected at the first stage, of smaller groups of population units, referred to as secondary sampling units. In subsequent stages of selection, smaller and smaller nested groups are chosen until the ultimate sample of population units is obtained. To qualify a multistage sample as a probability sample, all stages of sampling must be carried out using probability sampling methods.

Prior to selection at each stage of a multistage (or a single- stage) sample, a list of the sampling units or sampling frame for that stage must be obtained. For example, for the first stage of selection of a national household sample, a list of the counties and county groups that form the PSU's must be obtained. For the final stage of selection, lists of households, and sometimes persons within the households, have to be compiled in the field. If a single-stage sample of the Nation's hospitals is to be selected, a list of hospitals must be obtained to use as the sampling frame. Unfortunately, it is virtually impossible to obtain a complete, up-to-date frame for a hospital survey. This is a problem incurred for most surveys of institutions and for many other types of surveys as well.

Wherever the quantities in a table refer to an entire universe, but are constructed from data collected in a sample survey, the table quantities are referred to as sample estimates. In constructing a sample estimate, an attempt is made to come as close as is feasible to the corresponding universe quantity that would be obtained from a complete census of the universe. Estimates based on a sample will, however, generally differ from the hypothetical census figures. Two classifications of

rrors are associated with estimates based on sample surveys: (1) sampling error—the error arising rom the use of a sample, rather than a census, to estimate population quantities and (2) nonsaming error—those errors arising from nonsampling sources. As discussed below, the magnitude of he sampling error for an estimate can usually be estimated from the sample data. However, the nagnitude of the nonsampling error for an estimate can rarely be estimated. Consequently, actual error in an estimate exceeds the estimated error in the estimate.

The particular sample used in a survey is only one of a large number of possible samples of the ame size which could have been selected using the same sampling procedure. Estimates derived rom the different samples would, in general, differ from each other. The standard error (SE) is neasure of the variation among the estimates derived from all possible samples. The standard error is the most commonly used measure of the sampling error of an estimate. Valid estimates of he standard errors of survey estimates can usually be calculated from the data collected in a probibility sample. For convenience, the standard error is sometimes expressed as a percent of the istimate and is called the relative standard error or coefficient of variation (CV). For example, an istimate of 200 units with an estimated standard error of 10 units has an estimated CV of 5 perient.

A sample estimate and an estimate of its standard error or CV can be used to construct interval istimates that have a prescribed confidence that the interval includes the average of the estimates lerived from all possible samples with a known probability. To illustrate, if all possible samples were selected under essentially the same general conditions, and using the same sample design, and if an estimate and its estimated standard error were calculated from each sample, then:

- Approximately 68% of the intervals from one standard error below the estimate to one standard error above the estimate would include the average estimate derived from all possible samples.
- Approximately 90% of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the average estimate derived from all possible samples.
- Approximately 95% of the intervals from two standard errors below the estimate to two standard errors above the estimate would include the average estimate derived from all possible samples.

Thus, for a particular sample, one can say with the appropriate level of confidence (e.g., 90% or 15%) that the average of all possible samples is included in the constructed interval. Example of a confidence interval: An estimate is 200 units with a standard error of 10 units. An approximately 90 % confidence interval (plus or minus 1.6 standard errors) is from 184 to 216.

All surveys and censuses are subject to nonsampling errors. Nonsampling errors are two kinds—andom and nonrandom. Random nonsampling errors arise because of the varying interpretation of juestions (by respondents or interviewers) and varying actions of coders, keyers, and other processors. Some randomness is also introduced when respondents must estimate values. These same errors usually have a nonrandom component. Nonrandom nonsampling errors result from total non-esponse (no usable data obtained for a sampled unit), partial or item nonresponse (only a portion of a response may be usable), inability or unwillingness on the part of respondents to provide corect information, difficulty interpreting questions, mistakes in recording or keying data, errors of colection or processing, and coverage problems (overcoverage and undercoverage of the target universe). Random nonresponse errors usually, but not always, result in an understatement of samiling errors and thus an overstatement of the precision of survey estimates. Estimating the magnitude of nonsampling errors would require special experiments or access to independent data and, sonsequently, the magnitudes are seldom available.

Nearly all types of nonsampling errors that affect surveys also occur in complete censuses. Since surveys can be conducted on a smaller scale than censuses, nonsampling errors can presumably a controlled more tightly. Relatively more funds and effort can perhaps be expended toward eliciting responses, detecting and correcting response error, and reducing processing errors. As a result, survey results can sometimes be more accurate than census results.

To compensate for suspected nonrandom errors, adjustments of the sample estimates are often nade. For example, adjustments are frequently made for nonresponse, both total and partial. Adustments made for either type of nonresponse are often referred to as *imputations*. Imputation for otal nonresponse is usually made by substituting for the questionnaire responses of the nonrespondents the "average" questionnaire responses of the respondents. These imputations are usually made separately within various groups of sample members, formed by attempting to place respondents and nonrespondents together that have "similar" survey characteristics. Imputation for tem nonresponse is usually made by substituting for a missing item the response to that item of a respondent having characteristics that are "similar" to those of the nonrespondent.

For an estimate calculated from a sample survey, the total error in the estimate is composed of the sampling error, which can usually be estimated from the sample, and the nonsampling error. which usually cannot be estimated from the sample. The total error present in a population quantity obtained from a complete census is composed of only nonsampling errors. Ideally, estimates of the total error associated with data given in the Statistical Abstract tables should be given. However, due to the unavailability of estimates of nonsampling errors, only estimates of the levels of sampling errors, in terms of estimated standard errors or coefficients of variation, are available. To obtain estimates of the estimated standard errors from the sample of interest, obtain a copy of the referenced report which appears at the end of each table.

Principal data bases.—Beginning below are brief descriptions of 44 of the sample surveys and

censuses that provide a substantial portion of the data contained in this Abstract.

#### SECTION 1. POPULATION

Source and Title: Bureau of the Census, Census of Population

Tables: See tables citing Census of Population in section 1 and also in sections 2, 4, 6, 8, 13, 14,

Universe, Frequency, and Types of Data: Complete count of U.S. population conducted every 10 years since 1790. Data obtained on number and characteristics of inhabitants.

Type of Data Collection Operation: In 1970 and 1980, complete census for some items—age, sex, race, marital status and relationship to household head. In 1970, other items collected from a 5% and a 15% probability (systematic) sample of the population. In 1980, approximately 19%

of the housing units were included in the sample. Data Collection and Imputation Procedures: In 1970, extensive use of mail questionnaires in urban areas; personal interviews in most rural areas. In 1980, mail questionnaires were used in even more areas than in 1970, with personal interviews in the remainder. Extensive telephone

and personal followup for nonrespondents was done in both censuses. Imputations were made for missing characteristics.

Estimates of Sampling Error: Sampling errors for data are estimated for all items collected by sample and vary by characteristic and geographic area.

Other (nonsampling) Errors: Evaluation programs are currently being conducted to provide information on the magnitude of some sources of nonsampling errors such as response bias and undercoverage in the 1980 census.

Sources of Additional Material: U.S. Bureau of the Census, Estimates of Coverage of the Population by Sex, Race, and Age: Demographic Analysis, PHC(E)-4; Census of Population: 1970 PC(1)C, Appendix C; and 1980 Census of Population, vol. 1, (PC80-1), Appendixes B, C, and D.

Source and Title: U.S. Bureau of the Census, Current Population Survey (CPS)

Tables: See tables citing Current Population Reports primarily in section 1, but also in sections 2. 3, 4, 8, 12, 13, 14, 23, and 30. Many Bureau of Labor Statistics' (BLS) tables in section 13 are CPS based.

Universe, Frequency, and Types of Data: Nationwide monthly sample survey of civilian noninstitutional population, 14 years old or over, to obtain data on employment, unemployment, and a

number of other characteristics.

Type of Data Collection Operation: Multistage probability sample of about 59,500 households in 729 PSU's in 1986. Over-sampling in some States and the largest MSA's to improve reliability for those areas of employment data on annual average basis. A continual sample rotation system is used. Households are in sample 4 months, out for 8 months, and in for 4 more. Month-to-month overlap is 75%; year-to-year overlap is 50%.

Data Collection and Imputation Procedures: For first and fifth months that a household is in sample, personal interviews; other months, approximately, 85% of the data collected by phone. Imputation is done for both item and total nonresponse. Adjustment for total nonresponse is done by a predefined cluster of units, by MSA size and residence; for item nonresponse imputa-

tion varies by subject matter.

Estimates of Sampling Error: Estimated CV's on national annual averages for labor force, total employment, and nonagricultural employment, 2%; for total unemployment and agricultural employment, 1.0% to 2.5%. The estimated CV's for family income and poverty rate for all persons in 1986 are .5% and 1.5%, respectively. CV's for subnational areas, such as States, would be larger and would vary by area.

Other (noneampling) Errors: Estimates of response bias on unemployment are not available, but estimates of unemployment are usually 5% to 9% lower than estimates from reinterviews. Four

to 5.0% of sample households unavailable for interviews.

Sources of Additional Material: U.S. Bureau of the Census and Bureau of Labor Statistics, Concepts and Methods Used in Labor Force Statistics from Current Population Survey (Census series P-23, No. 62; BLS Report No. 463) and Bureau of the Census, Current Population Survey (Tech. Paper 40).

(See section 3 below for information pertaining to the Supplement on Aging to the National Health Interview Survey.)

SECTION 2. VITAL STATISTICS

Source and Title: U.S. National Center for Health Statistics (NCHS), Vital Registration System Fables: See tables citing Vital Statistics of the United States, 268 in section 5; 998 in section 21; and 1358 in section 30.

Universe, Frequency, and Types of Data: Annual data on births and deaths in the United States. Type of Data Collection Operation: Mortality data based on complete file of death records, except 1972, based on 50% sample. Natality statistics 1951-1971, based on 50% sample of birth certificates, except a 20% to 50% in 1967, received by NCHS. Beginning 1972, data from some States received through Vital Statistics Cooperative Program and complete file used; data from other States based on 50% sample.

Data Collection and Imputation Procedures: Reports based on records from registration offices of all States, District of Columbia, New York City, Puerto Rico, Virgin Islands, and Guam.

Estimates of Sampling Error: For recent years, CV's for births are small due to large portion of total file in sample (except for very small estimated totals).

Other (nonsampling) Errors: Data on births and deaths believed to be at least 99% complete. Sources of Additional Material: U.S. National Center for Health Statistics, Vital Statistics of the United States, vol. I and vol. II, annual, and Monthly Vital Statistics Report.

Source and Title: U.S. National Center for Health Statistics, *National Survey of Family Growth* **Fables:** See tables 91, 97, and 100-102.

Universe, Frequency, and Types of Data: Periodic survey of women aged 15-44 living in the conterminous United States, excluding women in institutions, to collect data on American women's fertility, family planning, and related aspects of maternal and child health.

Type of Data Collection Operation: Multistage area probability sample. Interviews were conducted with 7,969 women. Black women and women aged 15-19 were sampled at higher rates.

Data Collection and Imputation Procedures: Personal interviews were conducted by trained female interviewers. The data have been adjusted for nonsampling error due to nonresponse by adjusting the sample weights assigned to each case. Missing values for selected variables were imputed.

Estimates of Sampling Error: Estimates of sampling error are provided in the report cited below. Other (nonsampling) Errors: A series of stringent quality control measures were used. These included independent editing of completed questionnaires, verification of coding, short "recheck" interviews with a subsample of respondents, an independent recoding of a sample of questionnaires by NCHS, keypunch verification, and extensive computer editing and "cleaning" by both the contractor and NCHS to check for inconsistent or impossible codes.

Bources of Additional Material: U.S. National Center for Health Statistics, "The National Survey of Family Growth, Cycle III: Sample Design, Estimation Procedures, and Variance Estimation," by W. Mosher, C. Bachrach, and M. Horn, in *Vital and Health Statistics*, series 2, No. 98, September 1985.

# SECTION 3. HEALTH AND NUTRITION

**Bource and Title:** U.S. National Center for Health Statistics, *National Health Interview Survey* (NHIS)

Tables: 147, 166, 167, 171-175, 177, 178, 182, and in section 1, tables 41 and 42, section 4, table 205, and section 12, table 598.

Universe, Frequency, and Types of Data: Continuous data collection covering the civilian noninstitutional population to obtain information on personal and demographic characteristics, illnesses, injuries, impairments, and other health topics. In 1984, the Supplement on Aging (SOA) was added to the NHIS to collect data on the functional status of persons 55 years old and over living in the community. It included questions on characteristics which might affect their ability to live in the community.

Type of Data Collection Operation: Multistage probability sample of 42,000 households (in 376 PSU's) selected in groups of about four adjacent households.

Data Collection and Imputation Procedures: Personal household interviews with extensive followup of nonrespondents. Data are adjusted for nonresponse by imputation procedure based on "average" characteristics of persons in interviewed households in the same geographic area. Estimates of Sampling Error: Estimated CV's: For physician visits by males, 1.5%; for workdays lost by males, 3.5%; for persons injured at home, 4.7%.

Other (nonsampling) Errors: Response rate was 95.7% in 1985 for the NHIS. For the SOA, re-

sponse rate was 95% (89% responded entirely for themselves).

Sources of Additional Material: U.S. National Center for Health Statistics, "Current Estimates from the National Health Interview Survey, U.S., 1983," Vital and Health Statistics, series 10 and the "Supplement on Aging to the 1984 National Health Interview Survey," Vital and Health Statistics, series 1, No. 21, July 1987.

(See section 1 above for information pertaining to tables 93-96, and section 15 pertaining to table 138.)

SECTION 4. EDUCATION

Source and Title: U.S. Department of Education, Center for Education Statistics, Revanues and Expenditures for Public Elementary and Secondary Education

**Tables:** 190 and 191.

Universe, Frequency, and Types of Data: Annual survey of State education agencies to obtain data on revenues and expenditures for public elementary and secondary education. Includes the 50 States, District of Columbia, and the outlying areas.

Type of Data Collection Operation: Complete census; however, data are extracted by State edu-

cation agencies from fiscal reports submitted by local education agencies.

Data Collection and Imputation Procedures: Mail survey is conducted with followup for nonresponse through direct contact with other records.

Estimates of Sampling Error: Not applicable.

Other (nonsampling) Errors: Not applicable.
Sources of Additional Material: U.S. Department of Education, Center for Education Statistics, Revenues and Expenditures for Public Elementary and Secondary Education, annual.

Source and Title: U.S. Department of Education, Center for Education Statistics, Statistics of Public Elementary and Secondary School Systems

Tables: See tables in section 4 which present data from the Center for Education Statistics pertain-

ing to State public school systems.

Universe, Frequency, and Types of Data: Annual survey of State education agencies to obtain data on pupils enrolled, staff employed, and number of schools. Includes the 50 States, District of Columbia, and the outlying areas.

Type of Data Collection Operation: Complete census; however, data are extracted by State education agencies from fall reports submitted by local education agencies.

Data Collection and Imputation Procedures: Mail survey. Imputations for missing data are derived based on data reported over previous 5 years.

Estimates of Sampling Error: Not applicable.

Other (nonsampling) Errors: Deviations from State to State, or year to year arise from differences in definitions, and instructions used by State education agencies.

Sources of Additional Material: U.S. Department of Education, Center for Education Statistics, Statistics of Public Elementary and Secondary School Systems, annual.

Source and Title: U.S. Department of Education, Center for Education Statistics, Higher Education General Information Survey (HEGIS), Institutional Characteristics of Colleges and Universities Tables: 200 and 249.

Universe, Frequency, and Types of Data: Annual survey of all institutions and branches listed in the Education Directory, Colleges and Universities to obtain data on characteristics of institutions including control (public or private), type (university, other four-year, and two-year) and student charges.

Type of Data Collection Operation: Complete census.

Data Collection and Imputation Procedures: Survey package is usually mailed in the spring with surveys due at varying dates in the summer and fall; mail and phone followup procedures for nonrespondents. Missing data are imputed by using data for an earlier year, adjusted for trends observed in earlier HEGIS surveys, or data of similar institutions.

Estimates of Sampling Error: Not applicable.

Other (nonsampling) Errors: Nearly 100% response rate.

Sources of Additional Material: U.S. Department of Education, Center for Education Statistics, Education Directory, Colleges and Universities, annual.

Source and Title: U.S. Department of Education, Center for Education Statistics, Higher Education General Information Survey (HEGIS), Fall Enrollment in Institutions of Higher Education Tables: 199, 235, 236, 243, and 244.

Universe, Frequency, and Types of Data: Annual survey of all institutions and branches listed in the Education Directory, Colleges and Universities to obtain data on total enrollment by sex, level of enrollment, type of program, racial/ethnic characteristics (in alternate years) and attendance status of student, and on first-tima students.

Type of Data Collection Operation: Complete census.

Data Collection and Imputation Procedures: Survey package is usually mailed in the spring with surveys due at varying dates in the summer and fall; mail and phone followup procedures for nonrespondents. Missing data are imputed by using data for an earlier year, adjusted for trends observed in earlier HEGIS surveys, or data of similar institutions.

Estimates of Sampling Error: Not applicable.

Other (nonsampling) Errors: Approximately 98% response rate.

Sources of Additional Material: U.S. Department of Education, Center for Education Statistics, Fall Enrollment in Higher Education, annual.

Source and Title: U.S. Department of Education, Center for Education Statistics, Higher Education

General Information Survey (HEGIS), Financial Statistics of Institutions of Higher Education

Tables: 190, 191, 235, and 245.

Universe, Frequency, and Types of Data: Annual survey of all institutions and branches listed in the Education Directory, Colleges and Universities to obtain data on financial status and operations, including current funds revenues, current funds expenditures, and physical plant assets. Type of Data Collection Operation: Complete census.

Data Collection and Imputation Procedures: Survey package is usually mailed in the spring with surveys due at varying dates in the summer and fall; mail and phone followup procedures for nonrespondents. Missing data are imputed by using data for an earlier year, adjusted for trends observed in earlier HEGIS surveys, or data of similar institutions.

Estimates of Sampling Error: Not applicable.

Other (nonsampling) Errors: For 1979, a 91.7% response rate. Imputed expenditures amounted to about 2.8% of total expenditures.

Sources of Additional Material U.S. Department of Education, Center for Education Statistics, Financial Statistics of Institutions of Higher Education, annual.

Source and Title: U.S. Department of Education, Center for Education Statistics, Higher Education General Information Survey (HEGIS), Degrees and Other Formal Awards Conferred Tables: 232 and 254-256.

Universe, Frequency, and Types of Data: Annual survey of all institutions and branches listed in the Education Directory, Colleges and Universities to obtain data on earned degrees and other formal awards, conferred by field of study, level of degree, sex, and by racial/ethnic characteristics (in alternate years).

Type of Data Collection Operation: Complete census.

Data Collection and Imputation Procedures: Survey package is usually mailed in the spring with surveys due at varying dates in the summer and fall; mail and phone followup procedures for nonrespondents. Missing data are imputed by using data for an earlier year, adjusted for trends observed in earlier HEGIS surveys, or data of similar institutions.

Estimates of Sampling Error: Not applicable.

Other (nonsampling) Errors: Approximately 99% response rate.

Sources of Additional Material: U.S. Department of Education, Center for Education Statistics, Earned Degrees Conferred, annual.

(See sections 1 and 9 for information pertaining to the Bureau of the Census and section 3 above for the National Center for Health Statistics.)

SECTION 5. LAW ENFORCEMENT, COURTS, AND PRISONS

Source and Title: U.S. Federal Bureau of Investigation, *Uniform Crime Reporting (UCR) Program* Tables: 263-267, 269, 270, 278-280, and 283.

Universe, Frequency, and Types of Data: Monthly reports on the number of criminal offenses that become known to law enforcement agencies. Data are collected on crimes cleared by arrest, by age, sex, race, and ethnic origin of offender, and on assaults on law enforcement officers.

Type of Data Collection Operation: Crime statistics are based on reports of crime data submitted either directly to the FBI by contributing law enforcement agencies or through cooperating State UCR programs.

Data Collection and Imputation Procedures: States with UCR programs collect data directly from individual law enforcement agencies and forward reports, prepared in accordance with UCR standards, to FBI. Accuracy and consistency edits are performed by FBI.

Estimates of Sampling Error: Not applicable.

Other (nonsampling) Errors: Coverage of 96% of the population (96% in SMSA's, 94% in "other cities," and 89% in rural areas) by UCR program, though varying number of agencies report Some error is present through incorrect reporting.

Sources of Additional Material: U.S. Federal Bureau of Investigation, Crime in the United States.

Source and Title: U.S. Bureau of Justice Statistics (BJS), National Crime Survey

Tables: 271-275.

Universe, Frequency, and Types of Data: Monthly survey of individuals and households in the U.S. to obtain data on criminal victimization of those units for compilation of annual estimates. Type of Data Collection Operation: National probability sample survey of about 59,000 interviewed households in 376 PSU's selected from a list of addresses from the 1970 census, supple-

mented by new construction permits and an area sample where permits are not required.

Data Collection and Imputation Procedures: Interviews are conducted every 6 months for 3 years for each household in the sample; 10,000 households are interviewed monthly. Personal interviews are used in the first, third, fifth, and seventh interviews; the intervening interviews are conducted by telephone whenever possible.

Estimates of Sampling Error: CV's in 1985: 2.2% for crimes of violence; 14.8% for estimate of rape counts; 5.5% for robbery counts; 2.5% for assault counts; 1.4% for personal larceny counts; 2.2% for burglary counts; 1.8% for household larceny; 1.3% for all household crimes;

and 4.8% for motor vehicle theft counts.

Other (noneampling) Errors: Respondent recall errors which may include reporting incidents for other than the reference period; interviewer coding and processing errors; and possible mistaken reporting or classifying of events. Adjustment is made for a household noninterview rate of about 4% and for a smaller within-household noninterview rate.

Sources of Additional Material: U.S. Bureau of Justice Statistics, Criminal Victimization in the

United States, annual.

(See section 2 for details on table 268 and section 9 for details on table 289.)

SECTION 8. ELECTIONS

(See section 1 above for information pertaining to table 418.)

SECTION 9. STATE AND LOCAL GOVERNMENT FINANCES AND EMPLOYMENT

Source and Title: U.S. Bureau of the Census, Census of Governments

Tables: See tables in section 9 citing Census of Governments.

Universe, Frequency, and Types of Data: Survey of all governmental units in the U.S. conducted every 5 years to obtain data on government revenue, expenditures, debt, employment and employee retirement systems, property values, public school systems, and number, size, and struc-

ture of governments.

Type of Data Collection Operation: Complete census. List of units derived through classification of government units recently authorized in each State and identification, counting, and classifica-

tion of existing local governments and public school systems.

Data Collection and Imputation Procedures: Data collected through field and office compilation of financial data from official records and reports for States and large local governments; meil canvass of selected data items, like State tax revenue and employee retirement systems; and collection of local government statistics through central collection arrangements with State gov-

Estimates of Sampling Error: Not applicable.

Other (nonsampling) Errors: Some nonsampling errors may arise due to possible inaccuracies in classification, response, and processing.

Sources of Additional Material: U.S. Bureau of the Census, Census of Governments, 1982, vari-

ous reports, and State Government Finances in 1985, GF 85, No. 3.

Source and Title: U.S. Bureau of the Census, Annual Surveys of State and Local Government Tables: See tables citing *Public Employment* and *Governmental Finances* in section 9; table 216 in section 4; table 289 in section 5; and table 573 in section 12.

Universe, Frequency, and Types of Data: Sample survey conducted annually to obtain data on revenue, expenditure, debt, and employment of State and local governments. Universe is all gov-

ernmental units in the U.S. (about 82,000).

Type of Data Collection Operation: Sample of about 22,000 units includes all State governments. county governments with 50,000 + population, municipalities and townships in certain States with 25,000 + population, all school districts with 5,000 + enrollment in October 1981, and other governments meeting certain criteria; probability sample for remaining units. A supplemental survey provides complete coverage of 39,000 local government units for data on taxes and intergovernmental revenue.

Data Collection and Imputation Procedures: Field and office compilation of data from official records and reports for States and large local governments; central collection of local governmental financial data through a number of State governments; mail canvass of other units with mail and telephone followups of nonrespondents. Data for nonresponses are imputed from previous year data or obtained from secondary sources, if available.

Estimates of Sampling Error: CV's for estimates of major employment and financial items are

generally less than 2% for most States and less than 1.2% for the majority of States.

Other (nonsampling) Errors: Nonresponse rate is about 15% for number of units. Other possible errors may result from undetected inaccuracies in classification, response, and processing.

Sources of Additional Material: U.S. Bureau of the Census, Public Employment in 1985, GE 85, No. 1, Governmental Finances in 1984-85, GF 85, No. 5, and Census of Governments, 1982, various reports.

SECTION 10. FEDERAL GOVERNMENT

Source and Title: U.S. Internal Revenue Service, Statistics of Income, Individual Income Tax Returns

Tables: 488-493.

Universe, Frequency, and Types of Data: Annual study of unaudited individual income tax returns, Forms 1040, 1040A, and 1040EZ, filed by U.S. citizens and residents. Data provided on various financial characteristics by size of adjusted gross income, marital status, State of residence, and by taxable and nontaxable returns.

Type of Data Collection Operation: Stratified probability sample of approximately 120,000 returns for tax year 1985 broken into sample strata based on State groupings and currently designed to show the larger of total income or total loss amounts as well as the size of business plus farm receipts. Sampling rates for sample strata varied from .02% to 100%.

Data Collection and Imputation Procedures: Computer selection of sample of tax return records.

Data adjusted during editing for incorrect, missing, or inconsistent entries to ensure consistency.

with other entries on return.

Estimates of Sampling Error: Estimated CV's for tax year 1985: Number of returns in subgroups, ranged from .8% for returns under \$5,000 to .2% for returns over \$500,000 and from less than .05% for 17 different States to 2.2% for District of Columbia; for adjusted gross income less deficit, .1%; and amount of income tax, .2%.

Other (nonsampling) Errors: Processing errors and errors arising from the use of tolerance

checks for the data.

Sources of Additional Material: U.S. Internal Revenue Service, Statistics of Income, Individual Income Tax Returns, annual.

Source and Title: U.S. Internal Revenue Service, Corporation Income Tax Returns Tables: Section 17, tables 823-826, and 848.

Universe, Frequency, and Types of Data: Annual study of unaudited corporation income tax returns, Forms 1120 and 1120 (L, M, S, F, or DISC), filed by corporations or businesses legally defined as corporations. Data provided on various financial characteristics by industry and size of total assets, business receipts, taxable income, and income tax.

Type of Data Collection Operation: Stratified probability sample of approximately 89,000 returns in 1984, broken into sample classes generally based on type of return, size of total assets, and size of net income or deficit. Sampling rates for sample strata varied from .4% to 100%.

Data Collection and Imputation Procedures: Computer selection of sample of tax return records.

Data adjusted during editing for incorrect, missing, or inconsistent entries to ensure consistency with other entries on return.

Estimates of Sampling Error: Estimated CV's for 1984: Number of returns in subgroups ranged from 1.2% with assets under \$100,000, to 0% with assets over \$100 mil.; for amount of net income and amount of income tax, .1%.

Other (nonsampling) Errors: Processing errors and errors arising from the use of tolerance checks for the data.

Sources of Additional Material: U.S. Internal Revenue Service, Statistics of Income, Corporation Income Tax Returns, annual.

SECTION 12. SOCIAL INSURANCE AND HUMAN SERVICES

Source and Title: U.S. Social Security Administration, Benefit Data

Tables: 565 and 566.

Universe, Frequency, and Types of Data: All persons receiving monthly benefits under Title 11 of Social Security Act. Data on number and amount of benefits paid by type and State.

Type of Data Collection Operation: Data based on administrative records. Data based on 100% files, as well as 10% and 1% sample files.

Data Collection and Imputation Procedures: Records used consist of actions pursuant to applications for benefits, updated by subsequent post-entitlement actions.

Estimates of Sampling Error: Varies by size of estimate and sample file size.

Other (nonsampling) Errors: Processing errors, which are believed to be small.

Sources of Additional Material: U.S. Social Security Administration, Annual Statistical Supplement to the Social Security Bulletin.

Source and Title: U.S. Social Security Administration, Supplemental Security Income (SSI) Pro-

Tables: 588-590.

Universe, Frequency, and Types of Data: All eligible aged. blind, or disabled persons receiving SSI benefit payments under SSI program. Data include number of persons receiving federally administered SSI, amounts paid, and State administered supplementation.

Type of Data Collection Operation: Data based on administrative records.

Data Collection and Imputation Procedures: Data adjusted to reflect returned checks and overpayment refunds. For federally administered payments, actual adjusted amounts are used; for State administered, payments are deflated for average rate across all States.

Estimates of Sampling Error: Not applicable.

Other (nonsampling) Errors: Processing errors, which are believed to be small.

Sources of Additional Material: U.S. Social Security Administration, Annual Statistical Supplement to the Social Security Bulletin.

(See section 1 above for information pertaining to the Current Population Survey; section 3 above for information pertaining to the Supplement on Aging to the National Health Interview Survey; and section 9 for information pertaining to Annual Surveys of State and Local Government.)

SECTION 13, LABOR FORCE, EMPLOYMENT, AND EARNINGS

Source and Title: U.S. Bureau of Labor Statistics (BLS), Current Employment Statistics (CES) Program

lea: 640-642, 646, and 848; in section 21, table 978; and in section 24, table 1121.

Universe, Frequency, and Types of Data: Monthly survey covering about 4 million nonagricultural establishments to obtain data on employment, hours, and earnings, by industry.

Type of Data Collection Operation: Probability sample survey of about 250,000 establishments in

March 1986.

Data Collection and Imputation Procedures: Cooperating State agencies mail questionnaires to sample establishments to develop State and local estimates; information is forwarded to BLS where national estimates are prepared.

Estimates of Sampling Error: Estimated CV's in 1986: For average weekly hours paid, .1% and for average hourty earnings, .2%.

Other (nonsampling) Errors: Incorrect responses believed to be somewhat offsetting. Estimates

of employment adjusted annually to reflect complete universe. Average adjustment is 2%. Sources of Additional Material: U.S. Bureau of Labor Statistics, Employment and Earnings, monthly, Explanatory Notes, tables L-Q and BLS Handbook of Methods, Bulletin 2134-1 (Dec. 1982).

(See section 1 above for information pertaining to the Current Population Survey.)

SECTION 14. INCOME, EXPENDITURES, AND WEALTH

(See section 1 above for information pertaining to the Bureau of the Census.)

SECTION 15. PRICES

Source and Title: U.S. Bureau of Labor Statistics (BLS), Consumer Price Index (CPI)

Tables: 729, 730, 738-741, 743, 750, 755, 756, and in section 3, table 138.

Universe, Frequency, and Types of Data: Monthly survey of price changes of all types of consumer goods and services purchased by urban wage earners and clerical workers prior to 1978, and urban consumers thereafter. Both indexes continue to be published.

Type of Data Collection Operation, Prior to 1978, sample of various consumer items in 56 urban areas; thereafter, in 85 PSU's.

Data Collection and Imputation Procedures: Prices of 400 items are obtained from about 2,300 food outlets, 18,000 rental units, 18,000 housing units (for property taxes), and 22,300 other reporters in 85 areas. Prices of most goods and services are obtained monthly in the 5 largest areas and every 2 months in others.

Estimates of Sampling Error: Estimates of standard errors are not available at present.

nsampling) Errors: Errors result from inaccurate reporting, difficulties in defining conid their operational implementation, lack of systematic method for incorporating new outie sample, and introduction of product quality changes and new products.

of Additional Material: U.S. Bureau of Labor Statistics, The Consumer Price Index: Connd Content Over the Years, Report 517, and BLS Handbook of Methods, Bulletin 2134-2.

Id Title: U.S. Bureau of Labor Statistics, Producer Price Index (PPI)

19-732, 735, and 736; in section 21, table 1020; in section 24, table 1124; and in section 1198.

Frequency, and Types of Data: Monthly survey of producing companies to determine anges of all commodities produced for sale in commercial transactions in primary marhe U.S. Data on agriculture, forestry, fishing, manufacturing, mining, gas, electricity, and

Data Collection Operation: Probability sample of over 3,000 commodities and about espondents.

action and imputation Procedures: Data are collected by mail. If transaction prices are billed, list prices are used. Some prices are obtained from trade publications, organized jes, and government agencies. To calculate index, price changes multiplied by their relathis based on total net selling value of all commodities in 1982.

of Sampling Error: Not applicable.
nsampling) Errors: Not available at present.

of Additional Material: U.S. Bureau of Labor Statistics, BLS Handbook of Methods, Bul-14-1.

#### 1 17. BUSINESS ENTERPRISE

nd Title: U.S. Internal Revenue Service, Statistics of Income, Sole Proprietorship Returns 23-827.

Frequency, and Types of Data: Annual study of unaudited income tax returns of none proprietorships, Form 1040 with business or farm schedules. Data provided on various characteristics by industry, size of business receipts, and adjusted gross income.

leta Collection Operation: Stratified probability sample of approximately 35,000 sole pronips for tax year 1984. The sample is broken into sample classes based on presence or ) of certain business schedules: the larger of total income or loss; and size of business n receipts.

sction and imputation Procedures: Computer selection of sample of tax return records. Justed during editing for incorrect, missing, or inconsistent entries to ensure consistency er entries on return.

of Sampling Error: Estimated CV's for tax year 1981 (1985 not available): For sole prohips, number of businesses, .1%; business receipts, .9%; and net income, .8%.

xnsampling) Errors: Processing errors and errors arising from the use of tolerance

of Additional Material: U.S. Internal Revenue Service, Statistics of Income, Sole Propri-Returns and Statistics of Income Bulletin, Vol. 6, No. 1 (Summer 1986).

nd Title: U.S. Internal Revenue Service, Statistics of Income, Partnership Returns 23-826, 828, and 829.

Frequency, and Types of Data: Annual study of unaudited income tax returns of parts, Form 1065. Data provided on various financial characteristics by industry and size of

s receipts, and total assets (partnerships only).

Nata Collection Operation: Stratified probability sample of approximately 29,000 partnerurns filed for tax year 1983. The sample is broken into sample classes based on combiof gross receipts, total income or loss, and total assets, and on industry. Sampling rates m .1% to 100%.

sction and imputation Procedures: Computer selection of sample of tax return records. flusted during editing for incorrect, missing, or inconsistent entries to ensure consistency er entries on return.

s of Sampling Error: Estimated upper limit CV's tax year 1981 (1985 not available): For of partnerships, 1.5%.

aneampting) Errors: Processing errors and errors arising from the use of tolerance for the data.

of Additional Material: U.S. Internal Revenue Service, Statistics of Income, Partnership and Statistics of Income Bulletin, Vol. 6, No. 1 (Summer 1986).

## **1 18. COMMUNICATIONS**

(See section 27 for information pertaining to table 890.)

SECTION 19. ENERGY

Source and Title: U.S. Energy Information Administration, Residential Energy Consumption Survey Tables: 912-915, 945, and tables 1225-1227 in section 26.

Universe, Frequency, and Types of Data: Triennial survey of households and fuel suppliers. Data are obtained on energy-related household characteristics, housing unit characteristics, use of fuels, and energy consumption and expenditures by fuel type

Type of Data Collection Operation: Probability sample of 6,752 eligible units in 149 PSU's. For responding units, fuel consumption and expenditure data obtained from fuel suppliers to those

households

Data Collection and Imputation Procedures: Personal interviews, Extensive followup of nonrespondents including mail questionnaires for some households. Adjustments for nonrespondents were made in weighting for respondents. Most item nonresponses were imputed.

Estimates of Sampling Error: Estimated CV's for household averages: For consumption or expenditures, 1.3%; for various fuels, values ranged from 1.9% for electricity to 5.3% for LPG.

Other (nonsampling) Errors: Household response rate of 84.2%. Non-consumption data were mostly imputed for mail respondents (3.0% of eligible units). Complete responses from fuel suppliers for various fuels ranged from 83.4% for electricity to 48.3% for fuel oil and kerosene. Sources of Additional Material: U.S. Energy Information Administration, Residential Energy Con-

sumption Survey: Consumption and Expenditures, April 1984 through March 1985.

SECTION 21. TRANSPORTATION—LAND

(See section 2 for information pertaining to table 998; and section 15 for table 1020.)

SECTION 22. TRANSPORTATION—AIR AND WATER

Source and Title: U.S. Bureau of the Census, Foreign Trade—Export Statistics

Tables: See Bureau of the Census citations for export statistics in source notes in sections 22 and

29 and also tables 1148, 1149, 1162, and 1369.

Universe, Frequency, and Types of Data: The export declarations collected by Customs are processed each month to obtain data on the movement of U.S. merchandise exports to foreign countries. Data obtained include value, quantity, and shipping weight of exports by commodity, country of destination, Customs district of exportation, and mode of transportation.

Type of Data Collection Operation: Shipper's Export Declarations are required to be filed for the exportation of merchandise valued over \$1,000. Customs officials collect and transmit the documents to the Bureau of the Census on a flow basis for data compilation. Value data for shipments valued under \$1,001 are estimated, based on established percentages of individual coun-

try totals.

Data Collection and Imputation Procedures: Statistical copies of Shipper's Export Declarations are received on a daily basis from Customs ports throughout the country and subjected to a monthly processing cycle. They are fully processed to the extent they reflect items valued over \$1,500. Estimates for shipments valued at \$1,500 or less are made, based on established percentages of individual country totals.

Estimates of Sampling Error: Not applicable.

Other (nonsampling) Errors: Clerical and complex computer checks intercept most processing errors and minimize otherwise significant reporting errors; other nonsampling errors are caused by undercounting of exports to Canada due to the nonreceipt of some Shipper's Export Declarations.

Sources of Additional Material: U.S. Bureau of the Census, U.S. Exports, Schedule E, Commodity by Country, FT 410.

Source and Title: U.S. Bureau of the Census, Foreign Trade-Import Statistics

Tables: See Bureau of the Census citations for import statistics in source notes in sections 22 and

29 and also tables 1148, 1149, 1162, and 1329. Universe, Frequency, and Types of Data: The import entry documents collected by Customs are processed each month to obtain data on the movement of merchandise imported into the United States. Data obtained include value, quantity, and shipping weight by commodity, country of origin, Customs district of entry, and mode of transportation.

Type of Data Collection Operation: Import entry documents are required to be filed for the importation of goods into the United States valued over \$1,000 except for articles which must be reported on formal entries when valued over \$250. Customs officials collect and transmit statistical copies of the documents to the Bureau of the Census on a flow basis for data compilation. Estimates for shipments valued under \$1,001 (under \$251, where applicable) are based on established percentages of individual country totals.

Data Collection and Imputation Procedures: Statistical copies of import entry documents, a ceived on a daily basis from Customs ports of entry throughout the country, are subjected to a monthly processing cycle. They are fully processed to the extent they reflect items valued at \$1,001 and over (\$251 and over, where applicable). Estimates of Sampling Error: Not applicable.

Other (nonsampling) Errors: Verification of statistical data reporting by Customs officials prior to transmittal and a subsequent program of clerical and computer checks are utilized to hold nonsampling errors arising from reporting and/or processing errors to a minimum.

Sources of Additional Material: U.S. Bureau of the Census, U.S. General Imports and Imports for

Consumption, Schedule A. Commodity by Country, FT 135.

#### SECTION 23. AGRICULTURE

Source and Title: U.S. Department of Agriculture, National Agricultural Statistics Service (NASS), formerly Statistical Reporting Service (SRS), Basic Area Frame Sample

Tables: See tables citing NASS in source notes in section 23, which pertain to this or the following

two surveys.

Universe, Frequency, and Types of Data: Three annual sample surveys of U.S. farm operators: June survey collects data on planted acreage and livestock inventories; December survey collects data on livestock inventories and fall-seeded crop acreage and a February Farm Costs and Returns survey that collects data on total production costs.

Type of Data Collection Operation: Stratified probability sample of about 16,000 land area units of about 1 sq. mile (range from .1 sq. mile in cities to several sq. miles in open grazing areas). Sample includes 60,000 parcels of agricultural land. About 20% of the sample replaced annually.

Data Collection and Imputation Procedures: Data collection is by personal enumeration. Imputation is based on enumerator observation or data reported by respondents having similar agricultural characteristics.

Estimates of Sampling Error: Estimated CV's range from 1-2% for regional estimates to 3-6% for State estimates of livestock inventories.

Other (nonsampling) Errors: Minimized through rigid quality controls on the collection process and careful review of all reported data.

Sources of Additional Material: U.S. Department of Agriculture, SRS, Scope and Methods of the Statistical Reporting Service, (name changed to National Agricultural Statistics Service), Miscellaneous Publication No. 1308, September 1983 (revised).

Source and Title: U.S. Department of Agriculture, National Agricultural Statistics Service (NASS), Multiple Frame Surveys

Tables: See tables citing NASS in source notes in section 23, which pertain to this or the following

Universe, Frequency, and Types of Data: Surveys of U.S. farm operators to obtain data on major livestock inventories, selected crop acreages and production, grain stocks, and farm labor characteristics; and to obtain farm economic data for price indexing.

Type of Data Collection Operation: Primary frame is obtained from general or special purpose

lists, supplemented by a probability sample of land areas used to estimate for list incomplete-

Dess.

Data Collection and Imputation Procedures: Mail or personal interviews used for initial data collection. Mail nonrespondent followup by phone and personal interviews. Imputation based on average of respondents.

Estimates of Sampling Error: Estimated CV for number of hired farm workers is about 3%. Estimated CV's range from 1-2% for regional estimates to 3-6% for State estimates of livestock in-

Other (nonsampling) Errors: In addition to above, replicated sampling procedures used to monitor

effects of changes in survey procedures.

Sources of Additional Material: U.S. Department of Agriculture, SRS, Scope and Methods of the Statistical Reporting Service, (name changed to National Agricultural Statistics Service), Miscellaneous Publication No. 1308, September 1983 (revised).

Source and Title: U.S. Department of Agriculture. National Agricultural Statistics Service (NASS), Objective Yield Surveys

Tables: See tables citing NASS in source notes in section 23, which pertain to this or the preced-

ing survey.

Universe, Frequency, and Types of Data: Surveys for data on corn, cotton, potatoes, soybeans, wheat, rice, sorghum, and sunflower to forecast and estimate yields.

Type of Data Collection Operation: Random location of plots in probability sample of fields. Fields selected in June or December from Basic Area Frame Sample (see above).

Data Collection and Imputation Procedures: Enumerators count and measure plant characteristics in sample fields. Production measured from plots at harvest. Harvest loss measured from post harvest gleanings.

Estimates of Sampling Error: CV's for national estimates of production are about 2-3%.

Other (nonsampling) Errors: In addition to above, replicated sampling procedures used to monitor

effects of changes in survey procedures.

Sources of Additional Material: U.S. Department of Agriculture, SRS, Scope and Methods of the Statistical Reporting Service, (name changed to National Agricultural Statistics Service), Miscellaneous Publication No. 1308, September 1983 (revised).

(See section 1 above for information pertaining to the Census of Population and Current Population Survey and section 27 for information pertaining to table 1264.)

SECTION 26, CONSTRUCTION AND HOUSING

Source and Title: U.S. Bureau of the Census, Monthly Survey of Construction

Tables: 1208, 1209, and 1211-1214.

Universe, Frequency, and Types of Data: Survey conducted monthly of newly constructed housing units (excluding mobile homes, and nonhousekeeping residential buildings such as motels, hotels, courts and cabins). Data are collected on the start, completion, and sale of housing (Annual figures are aggregates of monthly estimates.)

Type of Data Collection Operation: Probability sample of housing units obtained from building

Type of Data Collection Operation: Probability sample of housing units obtained from building permits selected from 16,000 permit-issuing places through 1984 and, beginning in 1985, 17,000 places. For nonpermit places, multistage probability sample of new housing units selected in 169

PSU's. In those areas, all roads are canvassed in selected enumeration districts.

Data Collection and Imputation Procedures: Data are obtained by telephone inquiry and field visit.

Estimates of Sampling Error: Estimated CV of 3% to 4% for estimates of national totals, but are as high as 20% for estimated totals of more detailed characteristics, such as housing units in multiunit structures.

Other (nonsampling) Errors: Response rate is over 90% for most items. Nonsampling errors are attributed to definitional problems, differences in interpretation of questions, incorrect reporting, inability to obtain information about all cases in the sample, and processing errors.

Sources of Additional Material: U.S. Bureau of the Census, Construction Reports, series C20, Housing Starts; C22, Housing Completions; C25, New One-Family Houses Sold and For Sale; and C27. Price Index of New One-Family Houses Sold.

Source and Title: U.S. Bureau of the Census, Value of New Construction Put in Place Tables: 1200-1203.

Universe, Frequency, and Types of Data: Survey conducted monthly on total value of all construction put in place in the current month, both public and private projects. Construction values include costs of materials and labor, contractors' profits, overhead costs, cost of architectural and engineering work, and miscellaneous project costs. (Annual figures are aggregates of monthly estimates.)

Type of Data Collection Operation: Varies by type of activity: Total cost of private one-family houses started each month is distributed into value put in place using fixed patterns of monthly construction progress; using a multistage probability sample, data for private multifarnity housing are obtained by mail from owners of multiunit projects. Data for residential additions and alternations are obtained in a quarterly survey measuring expenditures; monthly estimates are interpolated from quarterly data. Estimates of value of private nonhousekeeping, nonresidential buildings, and State and local government construction are obtained by mail from owners (or agents) for a probability sample of projects. Estimates of farm nonresidential construction expenditures are based on U.S. Department of Agriculture annual estimates of construction; public utility estimates are obtained from reports submitted to Federal regulatory agencies and from private utility companies; estimates for all other private construction (nonbuilding) are obtained by phasing F. W. Dodge contract award data; estimates of Federal construction are based on monthly data supplied by Federal agencies.

Data Collection and Imputation Procedures: See "Type of Data Collection Operation." Imputation accounts for approximately 20% of estimated value of construction each month.

Estimates of Sampling Error: CV estimates for private nonresidential building construction range from 3% for estimated value of industrial buildings to 10% for miscellaneous buildings. CV is approximately 2% for total new private nonresidential buildings.

Other (nonsampling) Errors: For directly measured data series based on samples, some nonsampling errors may arise from processing errors, imputations, and misunderstanding of questions. Indirect data series are dependent on the validity of the underlying assumptions and procedures.

Sources of Additional Material: U.S. Bureau of the Census, Construction Reports, series C30, Value of New Construction Put in Place.

Source and Title: U.S. Bureau of the Census, Census of Housing

**Tables:** 1221-1225.

Universe, Frequency, and Types of Data: Census of all occupied and vacant housing, excluding group quarters, conducted every 10 years as part of the decennial census (see section 1 above) to determine characteristics of U.S. housing.

Type of Data Collection Operation: For 1970 and 1980, a complete count of 12 housing items. In 1970, other items collected from 5% and 15% probability samples selected from two sets of detailed questions on housing (these two sets having some common items). In 1980, approximately 19% of the housing units were included in the sample.

Data Collection and Imputation Procedures: In 1970, a self-enumeration census using a mailout/mail-back procedure was used in most areas. In 1980, mail questionnaires were used – in even more areas than in 1970, with personal interviews in the remainder. Followup for nonrespondents and identification of vacant units done by phone and personal visit.

Estimates of Sampling Error: Sampling errors for data are estimated for all items collected by

sample and vary by characteristic and geographic area.

Other (nonsampling) Errors: Evaluation studies for 1980 estimated the underenumeration of occupied housing units at 1.5%. The missed rate in 1980 for all units was 2.6% or approximately 2.3 million units, 1 million of which were vacant housing units.

Sources of Additional Material: U.S. Bureau of the Census, 1980 Census of Population and Housing, The Coverage of Housing In the 1980 Census, PHC80-E1, July 1985.

Source and Title: U.S. Bureau of the Census, Annual Housing Survey Tables: See tables citing Annual Housing Survey in source notes.

Universe, Frequency, and Types of Data: Conducted nationally in the fall in odd numbered years to obtain data on the approximately 92 million occupied or vacant housing units in the U.S. (group quarters are excluded). Data include characteristics of occupied housing units, housing inventory changes, vacant units, new housing and mobile home units, financial characteristics, recent mover households, housing and neighborhood quality indicators, and energy characteristics.

Type of Data Collection Operation: The national sample was a multistage probability sample with about 71,800 units eligible for interview in 1983. Sample units, selected within 461 PSU's, were surveyed over a 3-month period.

Data Collection and Imputation Procedures: For 1983, about 75% of the survey was conducted by personal interviews with subsequent followup by telephone or personal visit. The remaining 25% of the sample was conducted by telephone interview.

Estimates of Sampling Error: For the national sample, illustrations of the S.E. of the estimates are provided in the appendix of each report. As an example, the estimated CV is about .4% for the

estimate of the number of owner occupied housing units.

Other (nonsampling) Errors: Response rate was about 95%. Nonsampling errors may result from incorrect or incomplete responses, errors in coding and recording, and processing errors. For the 1983 national sample, approximately 6% of the total housing inventory was not adequately represented by the AHS sample. A reinterview study also indicates some inconsistencies in the data, especially in some attitudinal items.

Sources of Additional Material: U.S. Bureau of the Census, Current Housing Reports, series H-150 and H-170, Annual Housing Survey.

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(See section 1 above for information pertaining to the Census of Population and section 15 pertaining to table 1218.)

**SECTION 27. MANUFACTURES** 

Source and Title: U.S. Bureau of the Census, Census of Manufactures

**Tables:** See tables citing *Census of Manufactures* in source notes in section 27 and also tables 890, 1264, 1367, and 1372.

Universe, Frequency, and Types of Data: Conducted every five years to obtain information on labor materials, capital input and output characteristics, plant location, and legal form of organization for all plants in the United States with one or more employees. Universe was 350,000 manufacturing firms in 1982.

Type of Data Collection Operation: Complete enumeration of data items obtained from 205,000 firms. Administrative records from Internal Revenue Service and Social Security Administration are used for 145,000 smaller single-unit firms, which were determined by various cutoffs based

on size and industry.

Data Collection and Imputation Procedures: Five mail and telephone followups for larger nonrespondents. Data for small single-unit firms (generally those with fewer than 10 employees) not mailed census questionnaires were estimated from administrative records of IRS and SSA. Data for nonrespondents were imputed from related responses or administrative records from IRS and SSA. Approximately 3.7% of total value of shipments was represented by fully imputed records in 1977 (1982 not available).

Estimates of Sampling Error: Not applicable.

Other (nonsampling) Errors: Based on evaluation studies, estimates of nonsampling errors for 1972 were about 1.3% for estimated total payroll; 2% for total employment; and 1% for value of shipments. Estimates for later years are not available.

Sources of Additional Material: U.S. Bureau of the Census, Census of Manufactures, 1977, vol. I,

Subject and Special Statistics.

Source and Title: U.S. Bureau of the Census, Annual Survey of Manufactures

Tables: See tables citing *Annual Survey of Manufactures* in source notes in section 27 and also table 1264.

Universe, Frequency, and Types of Data: Conducted annually to provide basic measures of manufacturing activity for intercensal years for all manufacturing establishments having one or more

paid employees.

Type of Data Collection Operation: Sampling frame is 350,000 firms in the 1982 Census of Manufactures (see above), supplemented by Social Security Administration lists of new manufacturers and new manufacturing establishments of multi- establishment companies identified by the Census Bureau's Company Organization Survey from which a probability sample of 55,000 establishments is selected. All establishments with 250+ employees are included along with a probebility sample of smaller establishments.

Data Collection and Imputation Procedures: Survey is conducted by mail with phone and mail followups of nonrespondents. Imputation (for all nonresponse items) is based on previous year

reports, or for new establishments in survey, on industry averages.

Estimates of Sampling Error: Estimated CV's for number of employees and for value added totals are given in annual publications. For State totals, most estimated CV's are 2% or less, but vary considerably for detailed characteristics.

Other (nonsampling) Errors: Response rate is about 85%. Nonsampling errors include those due to collection, reporting, and transcription errors, many of which are corrected through computer and clerical checks.

Sources of Additional Material: U.S. Bureau of the Census, Annual Survey of Manufactures, and Technical Paper 24.

#### SECTION 28. DOMESTIC TRADE AND SERVICES

Source and Title: U.S. Bureau of the Census. *Census of Wholesale Trade. Census of Retail Trade.* Census of Service Industries

Tables: See tables citing the above censuses in source notes in section 28 and table 1372 in sec-

Universe, Frequency, and Types of Data: Conducted every five years to obtain data on number of establishments, number of employees, total payroll size, and total sales. In 1977, universe was all employer establishments primarily engaged in wholesale trade, and employer and nonemployer establishments in retail trade or service industries. In 1982, for service industries and retail trade summary data for all establishments are available; kind of business detail by State is available only for establishments with payroll.

Type of Data Collection Operation: All wholesale firms with paid employees surveyed; all retail and service large employer firms surveyed (i.e. all employer firms above the payroll size cutoff established to separate large from small employers) plus a 10-percent sample of smaller employ-

er firms. Firms with no employees were not required to file a census return.

Data Collection and Imputation Procedures: Mail questionnaire is utilized with both mail and telephone followups for nonrespondents. Data for nonrespondents and "nonselected" firms in retail trade and service industries are obtained from administrative records of IRS and the Social Security Administration.

Estimates of Sampling Error: Not applicable.

Other (nonsampling) Errors: Response rate in 1982 of 87% for single establishment firms; 91% for multi-establishment firms, Item response ranged from 60% to 90% with higher rates for less detailed questions.

Sources of Additional Material: U.S. Bureau of the Census, Appendix A of Census of Retail Trade, vol. I; Census of Service Industries, vol. I; Census of Wholesale Trade, vol. I; and History of the 1977 Economic Censuses, December 1980.

Source and Title: U.S. Bureau of the Census, Current Business Surveys

Tables: 1304-1307, and 1316.

Universe, Frequency, and Types of Data: Provides monthly estimates of retail sales by kind of business and geographic area, and end-of-month inventories of retail stores; wholesale sales and end-of-month inventories; and receipts of selected service industries. (Service monthly survey discontinued after Dec. 1981.)

Type of Data Collection Operation: Probability sample of all firms from a list frame and, additionally, for retail and service an area frame. List frame is the Bureau's Standard Statistical Establishment List (SSEL) updated quarterly for recent "births" from the Social Security Administration list of establishments having an employer identification number. The largest firms are included monthly; a sample of others is included every three months on a rotating basis. The area frame covers businesses not subjected to sampling on the list frame.

Data Collection and Imputation Procedures: Data are collected by mail questionnaire with telephone followups for nonrespondents. Imputation made for each nonresponse item and each item failing edit checks.

Estimates of Sampling Error: CV's are about 1.0% for estimated total retail sales, 2.4% for wholesale sales, 2.0% for wholesale inventories, and 1.5% for selected service receipts. Sampling errors are shown in monthly publications.

Other (nonsampling) Errors: Imputation rates are about 10%-15% for monthly retail sales and wholesale sales and about 20%-25% for monthly wholesale inventories.

Sources of Additional Material: U.S. Bureau of the Census, Current Business Reports, Monthly Retail Trade, and Monthly Wholesale Trade. Monthly Selected Services Receipts discontinued after Dec. 1981.



## Appendix IV

## Index to Tables Having Historical Statistics, Colonial Times to 1970 Series

[The most recent historical supplement to the Statistical Abstract is the bicentennial edition, Historical Statistics of the United States, Colonial Times to 1970 (see inside back cover). Listed below are statistical time series (identified by number) appearing in this edition, for which tables in the Statistical Abstract present comparable figures. Historical series are listed only where related or comparable data are available for one or more years later than 1970. In a few instances, it may be necessary to combine figures shown in the Abstract to obtain totals comparable to the series shown in Historical Statistics]

Historical Statistics series	1988 Abstract table number	Historical Statistics series	1988 Abstract table number	Historical Statistics series	1988 Abstract table number	Historical Statistics series	1988 Abstract table number
A	1	C—Con.	17.5	H—Con.		J—Con.	
A 6-8 A 9-22	2	C 158-160	284	H 332-345	583	J 268-278	344
A 9-22	3	C 296-331	391	H 346-354	589	V	
A 23-25				H 355-367		100	
A 29-41		D		H 392-397	587	K	
A 119-134	20		100	H 398-411	600		
A 143-149	17	D 11-19	607	H 421-429	189	67.2	. 222
A 160-171		D 29-41	609	H 442-476 H 513-519	196 190	K 1-2	1053
A 172	21	D 42-48	608	H 535-544	223	K 4-7	1056
A 195-198		D 49-62	623	H 598-601	232	K 16	
A 204-209	26	D 85-86		H 602-617	202	K 82-113	1061
A 210-263	318	D 87-101	632	H 690-692	243	K 142-146	
A 264-275	31	D 116-126 D 127-141	613 640	H 699-705	235	K 162-173 K 174-176	1059
A 264-275 A 288-319	56	D 142-151	642	H 705		K 184-191	
A 320-334	58	D 689-704	644	H 710	235		1086
A 320-334 A 335-349	59	D 802-810		H 729-738	245	K 192 K 195-203	
A 353-358	67	D 877-892	642	H 747-749	245	K 204-219	
A 359-37	74	D 918	149	H 751-763	254	K 251-255	106/
				H 793-799	76	K 259-260	1074
В		E		H 806-828	357	K 264-285	1074
			417	H 829-835	360	K 286-302	1074
B 1-5	81	E 23-34	735	H 862-864 H 865-870	373 372	K 326	1077
3 5-10		E 23-29	736	H 871		K 330-343	1077
B 11	82	E 73-86	734	H 872		K 344-353	1080
B 12-20	83	E 135-173	738	H 874	373	K 358-360	1083
B 20-27 B 28-35	84	E 203-211	756	H 875-876	377	K 361-367	1068
8 28-35	87 95		1,50	H 877	373	K 376-380	1068
B 49-66 B 107-115	106	F		H 899-920	388	K 407-413	1089
B 116-125	107	W C - 1	10000	H 921-940	390	K 414-429	1091
B 136-147	112	F 10-16	685	H 946-951	389	K 430-444	1086
B 142	61	F 297-348	681	H 952-961	263	K 445-485	1090
B 149-166	117	F 566-594	684	H 971-978 H 979-986	268 125	K 486-495	1085
9 163 165	122	The second second		H 987-998	283	K 496-499	1092
3 167-173	110	G		H 999-1011	278	K 502-505	1102
		2		H 1012-1027	288	K 506-563	1100
B 214-220 B 221-235 B 222-232	126	G 1-8	699	H 1028-1062	290	K 561-563	1106
B 221-235	131	G 16-23	699	H 1063-1078	292	K 575-582	1112
B 222-232	132	G 31-138	701	H 1079-1096	293	K 583-594	1111
B 248-261	130	G 179-188 G 190-192	705	H 1097-1111	294	K 595-608	1116
B 262-272 B 275-290		G 197-199	699 699	H 1112-1118	296	K 609-623	1115
B 291-303	143 169	G 205-256		H 1119-1124	300	K 611	1114
B 305-318	155	G 257-268	710	H 1135-1140 H 1155-1167	305 313	K 614	1114
B 331-344	155	G 851-856	187	H 1155-1167	313	K 617	1114
359-362	156	G 881-915	184			K 621	1114
B 384-387	153			J		1	
B 401-412	141	H		J 1-2	240		
8 413-422	155			J 3-6	319 321	L	
3,000		H 1-47	552	J 10-15	506		
C		H 51-56	559	J 26-32	506	5 Kilos	
- 1		H 57-69	560	J 33-34	1118	L 10-14	1117
C 1-10	44	H 115-124	574	J 41-42	507	L 15-31	1118
C 1-10 C 25-75 C 76	25	H 125-171	558	J 50-66	320	L 72-86	1122
C 76	1053	H 172-185	562	J 71	320	L 87-97	1123
C 89	7	H 197-229	565	J 76	320	L 98-112	
C 143-157	9	H 238-242	564	J 92-103	328	L 113-121	
C 144 C 149-157	284	H 262-270	572	J 110-136 J 164-267	345	L 122-137	1126

## ex to Tables in Which Historical Statistics Series Appear—Continued

[See headnote, p. 898]

rice/ s series	1988 Abstract table number	Historical Statistics series	1988 Abstract table number	Historical Statistics series	1988 Abstract table number	Historical Statistics senes	1968 Abstract table number
on.		N—Con.		R-Con.		W-Con.	
		N 302-307	1224	R 232-243	891	W 142	953
	1129 1131	P				W 144-160	
1	1129	-		s		W 167	963
6	1130	P 1-12	1241	S 1-14	903	l x i	
5	1125	P 13	1249	S 1-14 S 32-52 S 76-82	930	^	
0 3	1124 1121	P 18-39	1249	S 78-82	930	X 114-147	767
6	1136	P 58-67	1242 1247	S 133_148	930 936	X 192	766
8	1146	P 1-12 P 13 P 18-39 P 58-67 P 74-92 P 230-106 P 229-230 P 235 P 239-241 P 242-243 P 242-243	865	S 86-107 S 133-146 S 160-175 S 190-204 S 205-218	946	X 229 X 410–417	766 800
5	1138 1146	P 229-230	1267	S 190-204	942	X 444-453	803
3		P 235	1263	S 205-218	941	X 454-455	802
1	1135	P 2368	1263 1268	Ιτ		X 474-491	805
13	1140	P 242-243	1271	·		X 492-498	807
0 8	1137 1149			l <b></b>	4000	X 517-530 X 538-539	
	1145	P 265-269	1277	T 43-47 T 79-196	1300	X 551-580	795
55	1146	0		T 197-219 T 197-219 T 245, 246, 255 T 245-271 T 274-267 T 280-371 T 391-443	1301 1306	X 588-609	778
, 1		<b>'</b>		T 245, 246, 255	1304	X 718-724	774
'				T 245-271	1305 1315	X 741	780 780
- 1	1153	Q 1-22	979	T 280-371	1315	X 748 X 756	780 780
	1154	0.50-42	978 982	T 391-443	1319	X 761	780
		Q 55	982	444-4/	090	Y 864_878	787
6	904 1175	Q 69-75	1012	T 472-484	897	X 879-889	816
•		Q 90-94	966	υ		X 890-917 X 918	814 819
	923	U 130-147	989 992			I Y 022	810
42	1168	Q 156-182	1003		4000	I X 928	819
46 61	1174 1173	Q 39422 Q 50-51 Q 69-75 Q 190-94 Q 136-147 Q 148-155 Q 163-174 Q 199-207 Q 208 Q 233-234 Q 233-234 Q 233-234 Q 233-234 Q 233-234 Q 233-234 Q 233-234 Q 234-312 Q 390-307 Q 390-307 Q 390-378 Q 390-378 Q 494-458 Q 473-480 Q 477-502 Q 477-502 Q 597-517 Q 597-503 Q 591-8	820	U 1-25 U 26-39 U 41-46 U 47-74 U 75-186 U 190-195 U 207-212 U 225-246 U 244-273 U 274-294	1329 1330	X 933	819
77	1167	Q 199-207	1002	U 41-46	1336	X 940	819
	1166	0 224-232	997 997	U 47-74	1332	X 957-962	821
94	1166	Q 233-234	988	U 75-186	1336 1342	l l	
02	1177 1178	Q 238-250	1011	11 207-212	1342	Y	
04	1177	Q 264-312	1017	U 225-248	1343		
11	1179	0.330	1017 1017	U 264-273	1346	Y 79-83	397
26 34	1186 1184	Q 332	1019	U 274-294 U 295-316	1349 1350	Y 84-134	
41	1182	Q 356-378	1017	U 317-352	1345	Y 135-186	399
48	1181	Q 400-401	1017	1		Y 169-198	405
50	1188	0.438_448	1047 1043	V		Y 199-203 Y 204-210	406 404
57 <b>62</b>		Q 449-458	1045			Y 211-214	401
67	1187	Q 473-480	1049	V 1-12	823	Y 272-307 Y 308-317	461
89	1160	Q 487-502	1044 1041	V 1-12 V 20-30 V 42-53	834	Y 308-317	501
86	1163	Q 577-590	1024	V 42-53 V 129-136	825 846	Y 318-331	498
1		Q 591-603	1023	V 167-183	846	Y 335-338 Y 339-342	
		Q 604-623	1028	V 197-212	936	Y 358-373	487
	4004	Q 624-633	1024			Y 393-411	488
•••••	1201 1201	l a l		w		Y 412-439	491
D	1204	"		1		Y 458-460 Y 461	510 477
37	1199	0 24 45		W 14	643	Y 493-494	477
56 63	1198 1209	R 31-45 R 46-70	882 881	IW 17	643	Y 497	478
99	1209	R 75-88	681	W 19 W 22-25 W 30-54	644	1 v 600_604	478
91	1234	R 140-148	684	W 30-54	643	Y 505-637	431
45	1223	IR 163-171	872	IW 62-65	043	Y 638-651 Y 652-848	435 431
58 87	1230 791	R 172-186 R 187	875 874	W 67-81 W 82-95	1089 895	Y 856-903	534
D7	793	J R 188-191i	876	I W 96-108	871	Y 943-956	544
	793	R 191-216	368	W 109-125	950	Y 971-963	547
97	1235	R 224-231	892	W 126	951	Y 998-999	548



# Appendix V

# Index to Tables Having State and Metropolitan Area Data Book Series

[The 1986 edition of the State and Metropolitan Area Data Book (see inside back cover) contains almost 2,000 subject items of comparative data for States, regions, and divisions. Listed below are the Statistical Abstract tables in this edition and the item numbers from table C (the State table) in the State and Metropolitan Area Data Book (SMADB) for which similar, though not necessarily comparable, comparative State data are presented. Both national-level and State-level Abstract tables are linked to the items in table C in order to provide easy reference to more detailed statistics]

1988 Abstract table number	1986 SMADB table C item number	1988 Abstract table number	1986 SMADB table C item number	1988 Abstract table number	1986 SMADB table C Item number	1988 Abstract table number	1986 SMADB table C item number
Section 1		Sec. 3—Con.		Sec. 6—Con.	1 3 3	Section 12	
	1-10, 18-21	158, 159	269, 270	343	738-740	552-555	305-309
	5-10	161, 162	271-274	- 17 10 10 10 10 10 10 10 10 10 10 10 10 10	100 , 10	000 000	313-315
		164, 165	275-281	Section 7	2000		323-328
5		The second secon	210.20	357-359	713-715		340-344
1-23		Section 4	100	360	717		360-362
5		189	418-452.	362	718, 719		370-373
8			503-529		710, 710		389, 396
4	115-118	190	475-486.	Section 8		13.4	402
8		100	542-553	397-399	1701 1777	558	316-331
0, 33	48-62	191	466-474		1764-1777	565, 566	316-331
0, 26	63-82	193-195	426-452.	400		575, 576	300-309
8	83	100-100	509-529	401		578	
9	68, 74, 79	197		403		580	310-315
0	70, 75, 80,	19/	487-498	404, 407		583, 584	
V.amanaanaa	70, 75, 80,	199	426-443.	411, 412		581, 582	382-403
	87, 93, 103,	199	516, 519,	413, 414	1829-1836	587	408-413
10	142, 143		522, 525,	415	1855-1857	589	
13	84-99		522, 525,	416			360-362
9		200		417	1859-1861	588	335-365
4	110			419, 422	1837-1846	590	
6-48	119, 120	201-203		422	1847-1854	591-593	366-381
6, 59-61	121-138	206	426-443,	466	1047-1004	201-200-	000 00
32	139-143		453-458,	Section 9	100	Acres 1900	
33, 73	137, 138,		466-496	429	1044-1048	Section 13	
3122	143	207	418-425	430, 431	978-991.	605	741-745
6, 70		208	426-443	430, 431	1010-1030,	000	753-783
74	144	211	487-494	1.5	1049-1067	607	741-783
		213	493, 494	402 400		608	741-752
Section 2		217		435, 436		000	769, 772
31	145-159.	228		437, 441			775, 778
	172-232	232		439			781
3-85	145-159	56.0	557-568	1.4	991, 1026,	610	741-783
03-105	160-171	235	503-553		1027, 1030,	611	741-747
10-112	172-183.	236, 244		572 551	1063, 1064	011	753-768
10-112	196-212	245	530-553	442, 444	1010-1037	612	753-755
113, 116	184-195	254	557-568	443	1001-1009	623	744, 750
17-119	196-212		1000000	445	1031-1040	632-634	763-783
18	176-183	Section 5		451	1049-1054	635	764-766
20		263, 265	573-615	452	1044-1048	638	763-783
20	197, 204,	288, 289	619-632	461, 462	954-960,	640-642	784-806
22 422	211	301	655-662		1074-1091	040 04E	822-825
22, 123		302		465, 466	1074-1091	646	807-821
26	212	304	651		ACT	649	822-825
28	213-232	307	642-648	Section 10	75.5	O THOMAS MAN	022-020
20	213-222	305, 309	635-641	485	941-954		
2000		311-313		488, 493	973-978	Section 14	
Section 3			550, 551	494, 495, 497	954-966	678, 681, 682	842-903
32-134	282-299	Section 6	Dr. marie	504, 505, 518	693-695	690-692	907-911
43	233-248	318	1-4 693-708	7.00	000 000	699, 700, 703	904-906
44	233-242	320		Section 11		708	904-906
45	233-246	322, 323		515	957, 963	100 -aaaaaaaaa	912-923
46	233, 242	328		543, 544		712-715, 718	924-935

# Index to State Statistics in the 1986 Edition of the State and Metropolitan Area Data Book—Continued

1988 Abstract table number	1986 SMADB table C item number	1988 Abstract table number	1986 SMADB table C item number	1988 Abstract table number	1986 SMADB table C item number	1988 Abstract table number	1986 SMADB table C item number
Section 16	1	Sec. 20—Con.	100	Sec. 23—Con.	20.0	Sec. 25-Con.	
777, 778	1729-1742	954, 955	1146-1151	1067, 1068	1239-1244	1156	1302-1309
786, 788	1745-1754	960, 961	1152,1153	1070	1239-1248:	1157	1297
814-816, 818	1755-7163		113041194	manufallina	1261-1266	1158	
	11.00	Section 21	100000000000000000000000000000000000000	1074, 1076		4144	814
Section 17		978	797, 798	1077	1258-1260	1165, 1166	1310, 1313
		980	1076-1081	1079	1245-1247.	1100, 1100	1316
823-825	1092, 1093	982. 983.	1419-1428	1070 ,	1261-1266	1172	
831, 832	826-841,	985	1441-1454	1078		1173	1211 1312
	1127-1138	986	1453-1454	1092		1110 nonumenone	1317
834, 835	1098-1109		995	1093	1274-1276	1175	1912 1915
	123 1136	988		1099	1267-1273	11/0	1318
Section 18		989	1455-1456	1100			1310
and a second second	1604-1,635			1100	12/4-12/6	Section 26	
878		990	1457-1473	1102	1274		
887, 888		991, 992		1103	1275	1197	1335-1348
890	1598-1600	997, 998	1476-1481	1104	1276	1204, 1205	
892-894	1604-1621	999, 1000	1482-1485	1111	1279,1280	1206, 1207	
	100	1001	1457-1458	1112, 1113		1208-1210	
Section 19		1002	1432-1440	1114, 1115	1282,1283	1221-1223	663-692
904-909	1520-1538	Deather 68	and the second	1116	1281	1225	684-686
910, 911	1539-1564	Section 22	4-5.0x.0x.0x.0		200	Section 27	100
912, 913	1535-1552.	1024	1499-1504	Section 24			
912, 913		1025	1505-1510	1117		1241, 1242,	100000
	1560	1028	1491-1498	1120	716	1244	1369-1407
925		1984 (	1511-1519	1121	1319-1322	1256, 1257	1399-1408
930		10.574 (20.00)	10111010	1134	1323-1324	100000	3000
932	1565-1578	Section 23		1135, 1138	1329-1334	Section 28	and all a
933	1573-1578	1053, 1055	1154-1158	1136		1300	1655-1692
934, 935	1579-1587	1056, 1057	1159-1170	1140	1323-1328	1301	
937	1570,1577	1050, 1057		114V mooooneroo	1323-1320	1310	1674-1686
942, 943	1588-1597	1058	1217	Section 25		1314	1636-1654
		1050 1000			1284-1301	1315, 1317	
Section 20		1059, 1060		1150		1318, 1317	1030-1004
		1061		1153			1000 1701
949, 951	1139-1151	1062	1218-1221	1154	1302-1315	1326	
952, 953	1139-1145	1065, 1066	1171-1184	1155	1284-1301	1324, 1325	1701-1713

#### Index

Table	Tai
<b>A</b>	Agriculture—Continued
**	Employees
Abortions	Employment projections
Abresives	Federal aid to State and local governments
Accident and heelth insurance	Financial stress indicators
Accidents and fatalities167, 960, 997, 1001, 1017, 1183	Foreign ownership of U.S. agricultural land 10
Aircraft	Outlying areas of U.S13
	Hevenue losses due to recersi tex lews
Foreign countries 1382 Infents 115	Unemployment 635, 635, 636, 636, 636, 636, 636, 636,
Drownings	Agriculture, forestry, and fisheries (see also individual
Fells	
Fires	Corporations, pertnerships, and proprietorships
Motor vehicle 117 123 167 007-1001	Employees 6 Compensation 6
Motorcycle 997-999	Inhary rates ARG A
Motorcycle 997-999 Police officers assaulted, killed 283	injury rates 683, 0 Gross product 6 Income and profits 825, 9
Refroed1017, 1020	Income and profits
Tanker casualties	
Accounting:	World summary 13 Aid to families with dependent children 557, 588, 5 States AIDS (Acquired immunodeliciency syndrome) 169, 1
Accounting: Employment	Add to ramines with dependent children
Establishments, employees, payroll	AIDS (Acquired immunadeliciency syndrome)169, 17
Receipts	Air conditioning: Exports
Projections R28	Exports13
Projections 626 Accounting machines, shipments 1204 Acetate, detribution 1209 Acquired immuno-deficiency syndrome (AIDS) 160, 170 Acquired immuno-deficiency syndrome (AIDS) 319, 321, 322	Homes with 12 Shipments and retail value 12
Acetate, distribution1269	Air Force, Department of:
Acquired immuno-deficiency syndrome (AIDS)169, 170	Aircraft on hand
Acquieltion of territory by the U.S	Air Force, Department of: Air Crore, Department of: Air Crore, Department of: S25, 5 Personnel 530, 534, 535, 537, 5 Desertion and AWA rates 5
Acreage. See Farms and Land. Acrylic, distribution	Descrition and AWA rates5
Admission to Statehood318	Netional Guard
Adoptions 594 Adults under correctional supervision 308	Expenditures for shelement 339–341 3
Adults under correctional supervision	Air traffic control specialists
Advertising: 1320 Establishments, employees, payroll 1320 Expanditures 890-902 Help-wanted advertising 839 Menorinas 699	Air poliution
Establishments, employees, payroll	Air transportation (see also Aircraft):
Help-wented advertising 639	Accidents and deaths 123, 960, 103
Magazines	Cartificated mule air carriers summers 1024 105
Receipts         1321           Television         900-902           Aerobics         365, 374, 375	Ar transportation (see also Autoraty: Accidents and deaths 123, 960, 10: Air traffic hubs 10: Certificated route air carriers, summary 1024, 10: Revenues and expenses, summary 1023, 10:
Television	36 Vict 210 Table10
Aeronautics and space technology965	Civil aviation
Aeronautics chill See Air transportation	Cost indexes
Aerospace and defense industry: Earnings per share	Federal outleys
Earnings per shere	Hilecking incidents103
Return on equity867	Injury ratios
Sales	Passenger outlays
Exports 1034	Regional artines
Seles 1033 Aerospace products, space vehicle systems 973	Shipments foreign trade
Aerospace products, space vehicle systems	Regional artines
Alghenisten. See Foreign countries. AFL-CIO	Trame nuos19
Africa. See Foreign countries.	Aircraft:
Age of population. See Population	Arcrar: Accident deaths
Agents, See Brokers, dealers, and agents.	Certificated muse air certiers 1023 10
Aggravated assault	Revenues and expenditures
Agricultural implements and machinery	Employment and earnings6
Manufacture 1242	Engines and parts1032, 13
Corporation sales, profits, and dividends	Foreign trace
Employees 1242 1290	Menufacture 12
Expenditures for new plant and equipment	Manufacture
Shipments	Earnings 642, 103
Price indexes	Scientists and engineers9
Agricultural nonprofit associations	Employment projections
Agricultural prices 752 Agricultural products. See Farms and individual products.	Earnings 642, 105 Scientists and engineers 98 Employment projections 65 Expenditures for new plant and equipment 12 Profits and assets 98 Research and development expenditures 98 Sales and orders 960, 1032, 105 Shipments 1242, 12 Value added 12
Agricultural products. See Farms and individual products.	Research and development expanditures
Agricultural sciences: Degrees conferred	Sales and orders860, 1032, 103
Employment 255, 257	Shipments1242, 124
Employment	Signments 1242 12 Value added 12 Military 521, 525-5 Operating expenses, cost indexes 10 Regional artines 10 Shipments 10
and payroli 832	Operation expenses cost indexes
Agriculture (see also Farms and Farmers and farmwork-	Regional airlines
ers):	Shipments100
Advertising expenditures 900–902 Aid to foreign countries (Public Law 480) 1095, 1337	Value of Shomens
Aid to toreign countries (Public Law 480)1095, 1337	Airline cost indexes 100

	Table	Table
Airmal service Airports or airfields 505, 981, City expenditures. Federal aid to State and local government.	875	Apparel, related products and services—Continued
Airports or airfields505, 981,	1028	Retail trade—Continued
Federal aid to State and local government	435	Establishments
		Inventories 1307 Sales 1305, 1306, 1308
Serving large air traffic areas or hubs Serving regional airlines Alabama. See State data. Alaska. See State data.	1025	States
Serving regional airlines	1027	Summery
Alaska. See State data.		Return on equity
Alaska Purchase	3-321	Sales
Albania. See Foreign countries.		States
Alaska. See State data.         Alaska Purchase       319         Albania. See Foreign countries.       160, 178         Alcoholic beverages (see also Liquors and beverages):       Consumption       178-181, 186, Drinking ages         Fatal accidents       Froduction	3-181	Appeals, U.S. Court of, cases
Consumption 178–181, 186.	1263	Annies
Drinking ages	453	Consumption184, 185
Fatal accidents	1030	Production and value
Production	1140	Housefurnishings:
Alewives, catch	1140	Housefurnishings): Homes with
Aliens. See Immigration and Foreign countries.		
Deported	284	Employees
Deported Almonds	324	Expenditures for new plant and equipment
Aluminum and manufactures: Foreign trade 1160, 1162,	1164,	Shipments and value
1190, 1348,	1350	Value added 1242
Imports as percent of consumption	1184	Retail sales 1242, 1305, 1308 inventories 1307
Prices 747.	1190	Retail trade summery 1301 1302
Export	744	Retail trade, summary
Production and value1160,	1190	Architectural services. See Engineering.
Production and value	228	Area of:
American Federation of Labor (AFL)	665	Foreign countnes
American Indian. See Minority Groups.		Forest land
American Revolution, cost	522	Parks
American Stock Exchange	. 607	United States 1, 3, 22, 318, 1376
American wars, cost	522	C7000
Amtrak	.1017	Land 1 Public domain 321, 322
Amusements (see also Hecresson):	902	States 318 Territorial expansion 319
American Stock Exchange American wars, cost Am	1299	Territorial expansion
Gross national product, origin in	1296	Water 1, 318, 328 World 1378
Motion picture theaters363	373	Argenting. See Foreign countries.
Receipts 373 395	1321	Arizona, See State data.
Service industry, summery	1319	Arkanese. See State data.
Anchovies, imports	1149	Armed Forces525, 528, 528, 530-532, 534-537, 539, 540,
Anestheeiologists	, 150	542   Foreign countries
Animal oils and fats. See Oils, animal.		Personnel on active duty, by grade
Animal products (see also individual products):		Population abroad3
Consumption	1111	Arms exports and imports
Form cutrust and marketing indexes 10/4, 10/6,	1000	Army personnel 530 534 535 537 540
Foreign trade	1111	Desertion and AWA rates
Producer price indexes	736	National Guard
Productor price indexes Production 1111-1113, Animals, domestic (see also individual classes): Farm income and expenditures for 1074, Farm productivity indexes 1009-	1116	Reserve Officers Training Corps536
Farm income and expenditures for 1074	1078	Army, Department of the:  Military forces
Farm productivity indexes	-1091	Arresta 278, 279, 280
Foreign trade	1111	Arterioecieroels, deaths117, 119
Grazing, national forests Inspected and eleughtered Inventory and production 1112, Livestock, commodity futures trading Number and value, on farms	.1118	Arthritis and rheumatism
Inventory and production 1112	1113	Arts and numerous (see also Performing arts): Activities 362
Livestock, commodity futures trading	812	
Number and value, on farms	.1113	Attendance 383
Prices: Producer price indexes		Business support 364 Federal aid 365 Grants, foundations 633
Soot market	731	Grants foundations 603
Work animals, horsepower of	903	Philanthrophy601
Spot market Work animals, horsepower of Annuties. See Pensions and retrement benefits. Antimony, production and supply		Philanthrophy 601 State appropriations 366 Asia. See Foreign countries. Asian and Pacific Islanders. See Minority groups.
Antimony, production and supply	1184	Asbestos
Apparel, related products and services: Advertising expenditures 890 Consumer prices and indexes U.S. and foreign countries Earnings per share	2-901	Asian and Pacific Islanders. See Minority groups.
Consumer prices and indexes	736	
U.S. and foreign countnes	1401	Producer price indexes
Earnings per snere	867	
Expenditures	.1261	Assets: Ranks 777
Manufacture		Assets: Banis
Corporation sales, profits, and dividends	860	Personal, U.S. and by States723-725
Employees	1256	Sevings institutions785
Earnings Projections	631	Associations, national, nonprofit
Injury rates	664	Asthme 118, 160
Production	.1271	Athletic associations80
Production	736	Athletic goods. See Sporting and athletic goods.
Hetali trace: Employees	1302	Athletic goods. See Sporting and athletic goods. Atomic energy defense activities, expenditures
Earnings	642	Auditing. See Accounting.

	Table	Table
Australia. See Foreign countries.		Beans—Continued
Austria. See Foreign countries.		Consumption (dry adible) 186
Automated teller machines	797	Beauty shops 1320, 1321 Beef (see also Meet and meet products):
Automobile loans	796	Beef (see also Meet and meet products):
Automobile rentals and leasing1320	, 1321	Consumption184, 1111, 1392
Automobile service and repair 641, 642	1200	
Ferninge	R42	Foreign trade
injury rates Gross national product, origin in Receipts 1321 Summery 1319	684	Prices, import and retail
Gross national product, origin in	1296	Production 1111 Beef and pork expenditures 866
Receipts 1321	. 1326	Deer Con Main firmers
Summery	1320	Beer. See Malt liquors.
Employees	1320	Belgium. See Foreign countries. Belize. See Foreign countries. Belting, leather, manufacture, summery
States	1326	Reliting leather manufacture summers 1242
Automobiles (see also Motor vehicles):	4040	Benin. See Forsion countries.
Cost of ownership	1010	Berin. See Foreign countries. Berries
Automotive products. See Motor Venicles, tires and tuber		Beryllum concentrate
Audation communication, advate radio stations	004	Beryllum concentrate 1154 Beverage factories (see also Liquors, etc.) 1242 Employees 841, 642, 1242
Aviation communication, private radio stations	1110	Employees 841, 642, 1242
AVOCEU09	1 1 10	-arminos 942
		Expenditures for new plant and equipment1242
В		Beverages, nonaccondic:
_		Advertising expenditures900, 901
Bahamas, The. See Foreign countries.		Beverages, nonalcoholic: Advertising expenditures 900, 901 Consumption 184, 188 Percent of personal consumption expenditures, foreign
Bahrain. See Foreign countries.		countries
Bahrain. See Foreign countnes. Bakeries, retail trade summary. Bakery products (see also Cereal and bakery products): Manufacture. Employees	1320	Producer price indexes 735
Dakery products (see also Cereal and bakery products):	1010	Bhutan, area and population1378
Francisco 644 640	1242	Ricardos:
Faminos	, 1272 <b>004</b>	Expenditures personal 365
Expenditures for new plant and equipment	1304	Imports and shipments373
Output per hour, index	643	Manufacture, summery
Earnings Expenditures for new plant and equipment Output per hour, index Balance sheet, corporate business 84	5, 846	Participation 374, 375
Balance sheet of the farming sector	1067	Theft 270 Bills vetoed, Congressional 408
Bananas:		Bis vetoed, Congressional408
Consumption	185	Biological sciences: Degrees conferred968
Production and value	1110	Employment 986
Bangladesh. See Foreign countries. Bankruptcies filed and pending	7 000	Employment
Banking (see size Finance insurance and seel setate):	7, 636	Rirths to single or unmarried women 86 90 94 96
Assets and liabilities 771 778_770 78	1 783	Birth weight 86, 88, 89
Automated teller machines	797	Black population88, 88, 94, 101
Capital accounts	776	Projections 46
Checking accounts 79	7, 798	Breestleeding
Capital accounts	780	Projection 91 Bressteeding 91 Cearean section deliveries 90 Characteristics of mother 90, 93–95, 101 Children ever born 92
Consumer cradit	708	Characteristics of mother 90, 93-95, 101
Debits to deposit turnover Demand deposits	601	Children ever born92
Demand deposits 777, 78	1, 800	Delivery procedures 157 Expectations 96,99
Direct deposit	/9/	Expectations
Employees 841 842 76	/9/	Family planning 102 First birthe 92-94
Earnings	842	Foreign countries 1380
Injury rates	884	Hispanic population RA
Payroll		Mirrority groups
Equity capital	9. 867	Outlying areas of U.S
Establishments	764	Prenetal care
Federal Reserve Banks 771, 772, 77	4, 802	Race84, 87, 98
U.S. securities held	479	States
Flow of funds	7, 769	Unwanted births101
U.S. securities held	o, 781	Prenetal care
		Black king benefit program 558, 585 Black population (see also Minority groups) 173-106 Age and/or sex 163-18, 20, 43
Holding compenies	102 770	Abortions 402 402
Holding companies	3 804	Ane and/or sex 16_18 20 49
Loans 778 781 70	1. 794	
Mortgage debt 70	1-793	AIDS
Mutual savings banks 76 Noninsured banks	6, 793	Alaahal waa 170 101
Noninsured banks	780	Arrests 278
Number	1, 782	Births and birth rates
Offices774, 775, 77	6, 781	Arrests
Robbery	270	Expectations
Savings accounts	70A	Black-owned firms840
States Time (or savings) deposits	177	Westin
Barbarios Cas Foreign countries	U, 804	Cancer 179
Rerito 4424	1100	Children under 18
Berlum	1184	Chronic conditions 173, 177
Barley	1373	Cineratte emoking 178
Bars. See Eating and drinking places.		Cigarette smoking 178
Baseball 365 372 37	4, 375	Components of population change
Barley.  Bars. See Eating and drinking places.  Bassebal	4, 375	Components of population change
Battlefield parks and sites, national	358	Contraceptive use
Bauxite, summary 1153, 1154, 1160	, 1189	Criminal victimizations
		Deaths and death rates 15, 109-111, 113, 118, 119, 124
Import prices (crude) Mining industry 1153, 1154 Production and value 1154	744	Disability days
Mining industry1153, 1154	, 1160	Lisabled persons
Production and value1154	1160	
Production, world	1408	Drug usage 181 Elderly 715, 716
Acreage, production, and value	1100	Elected officials 415
	1 100	LICOTO UI VIII

Table	Tate
Black population (see also Minority groups)—Continued	Bookbinding and related industries, summary1949 Bookkeeping. See Accounting. Books, libraries, and reading (see also Printing and pub-
Employment status:	Bookkeeping. See Apparating.
High school graduates and dronouts 230	Books, fibraries, and reading less also Printing and auti-
Families, characteristics 65-67	
Family income	Audience cherecteristics 187
_ Educational attainment703	Foreign trade
Farmworkers	Audience cheracteristics
Federal employees, by pay category503	Printing and publishing industry
Fertuny, tertainy rate	Retail trade summary
Health incurrence according	Sales
Home crime presented messures 294	Boots. See Footweer.
Homicides 288	Sales
Household income 690-695, 697	Botuliem
Households, characteristics	Bown and manufacturer (see also Continued as 1995)
Assets798	Botulier 265 72-275 Boves, paper, menufacturers (see also Containers) 1242 Boy Scouts, membership and units 261
Families, characteristics   65-67	
Illness	Prood Con Boken, products
Immigration	Breest-feeding 91
Infant deaths 112 118	Breast-leeding. 91 Broadcast systems. See Radio and Television. 878, 685 Broadcast systems. See Radio and Television. 878, 685 Broadway and off-Broadway shows 282 Brocooli 1109 Broilers, production (see also Poultry). 1114
Infant deaths 113, 116 Jail Inmates 302-304	Broadcasting stations, radio and television 878, 885
Labor force 608	Broadway and off-Broadway shows
Earnings, wage and salary workers651	Broccol1100
Employed:	Broilers, production (see also Poultry)1114
Labor force 608 Earnings, wage and salary workers 651 Employed: By industry 630	Bromine, production and value
Educational attainment	Budget, Federal:
By occupation 827 Educational attainment 628 Multiple job holders 618	Administrative amonditures national defense 500
Occupation R2R	Controlled and uncontrolled outlays 474 Outlays 470, 471
Union membership 667	Outleys 470 471
Occupation   628   Union membership   667   Employment status   605, 636	Receipts, outleys, and debt
Age611	Trust funds
Educational attainment	Building construction and trades. See Construction
Employment status	industry. Building materials:
Dy advectional attainment 632	Building meterials:
Government employees and selectes state and local	Cost indexes 1199
government 463	Imports
Recreation activities	Imports   1198
Unemployment rate by educational attainment634	Retail trade:
Life expectancy 106, 107, 109	inventories 1307
Marital status	States 1310 Summery 1301, 1302
Metropolitan areas 34 Multimedia users 879	Summery1301, 1302
Nutrient intel-	Wholesale trade1315
Nutrient intake 168 Physicians, vielts to 147 Poverty 713-719	Wholesale trade 1315 Building operations1197, 1199, 1202, 1204, 1205, 1209, 1234 Building permits (see also Construction industry and Hous-
Poverty	Building permits (see also Construction industry and Hous-
Prisoners 306 Under sentence of death 311, 312	ing)
Under sentence of death311, 312	Buildings (see also Construction industry and Housing and
Projections	housing units):
Projections 15 death of the projections 15 Religious television viewing 78 School dropouts, high school 229, 230 Schools and education:	housing units): Energy consumption 916, 917 Energy expenditures 916, 917 Floorspace 916, 917 Principal activity 917 Synices, summary 1320
Schoole and advoction	Floorenece 918 917
Schools and education: American College Testing Program	Principal activity 917
Attainment 43 201_204 223	Services, summery 1320
	necess: 1321
College	
By age	Burgiar eleme
Enrollment198	Burglary
Higher education institutions:	Burking, See Foreign countries.
Foreigness conterned988	Burma. See Foreign countries. Burundi. See Foreign countries.
Employed students 242	Buses
High echool deponds 220, 220	
High school graduates 232, 233 Pre-primary enrollment 198 Scholastic Aptitude Test 225	Employees, bus drivers
Pre-primary enrollment	Factory sales and wholesale value992
Scholastic Aptitude Test	Intercity operations1013
	Passenger outleys 976 Production and sales 980 Business associations 1320 Business management, degrees conferred 255, 257 Salary Offers 253 Business enterprise (see also individual types of business
Union membership887	Production and sales
Plest tymeses. See less and steel and steel	Puriness management degrees conferred 255 257
Union membership	Selen offers 253
Medicaid recipients 580	Business enterprise (see also individual types of business
Blouses, women's and misses' production 1271	and industry):
Medicald recipients	Arts and humanities summed 984
Employment cost index	Bankruptoies filed 837
Blue Cross-Blue Shield plans, persons covered141	Capital, fixed nonresidential
Employment cost index	Bankruptcies filed
Boaung, canoeing, etc	Capital stock
Accidents 900  Bolivia. See Foreign countries. Bolts, nuts, etc. See iron and steel products.	Capital stock  Coincident indicators  Concerns, number  Corporate inventory valuation adjustment  Corporate philarithropy  Corporate philarithropy  Corporate profits and dividends  Establishments  1318, 1326
Rolls, rule atc. See inn and steel anniuse	Comparts, number
Bonds:	Corporate philanthropy
Holdings by sector (flow of funds)	Corporate profits and dividends 823. 827. 867
Bonds:   Holdings by sector (flow of funds)   765, 787   Households owning   799   Life insurance companies   814   Prices, yields, sales, and issues   483, 805, 607, 809   U.S. savings   478, 483, 864, 1067   Bonito   1140   Bonito   1242   124	Cycles 866
Life insurance companies	Establishments1318, 1326
Prices, yields, sales, and issues483, 805, 607, 809	Expenditures:
U.S. SEVINGS	Expenditures: Plant and equipment, new
Book and job printing	Feiture and febilities
Book and job printing	

Table	Table
Business enterprise—Continued	Cement, summaryContinued
Financial data823, 828, 844, 845, 853, 858, 866	D-1 747
Flow of funds 765, 766, 766 Franchised establishments 1311-1313	Producer price indexes
investment	World 1373 1408
Landing indicators 854	Center of population5
Leading indicators	Center of population
National income origin in 675	Cereal and bakery products, expenditures, prices559, 735,
Business services (see also Service Industries):	740 Cereal consumption breekfast 184
Employees	Cereal consumption, breakfast
	Foreign countries 1382 Certificated route air carriers 1023, 1024
Injury rates 684 Gross national product, origin in 1298	
Receipts 1321 Summary 1319, 1320	Charles See Foreign countries.  Chambers of Commerce
Summary	Chambers of Commerce90
States 1326 Butter (see also Dairy products):	Channel Islands, population and area
Consumption 164 Manufacture 1116	Charitable contributions (see also Philanthropy)
Manufacture	Cheese (see size Dairy products)
Prices, retail	Cheese (see also Dairy products)
Dutter (81) 1138	chemicals):
	Expenditures: Plant and equipment, new
C	Research and development 954
Cable television	Research and development 954 Exports 1253, 1258-1261
Advertising expenditures 898	Foreign trade 1040
Viewing by demographic groups 879 Cadmium 1160, 1164	Industry, summary
Cadmium	Capital appropriations and expenditures1242, 1273
Cafeterias. See Eating and drinking places. Calcium, available for consumption	Earnings 642 Employees 642, 1242, 1256, 1273
Calcium-magnesium chloride	Employees642, 1242, 1256, 1273
Celifornia. See State data.	injury rates
Calorina. See State data. 188 Caloria consumed per day	Projections 631 Scientists and engineers 983
Cambodia. See Foreign countries.	Production indexes
	Profits
Cameron. See Foreign countries. Campaigns, fund raising	
Compages (trucks and trailors) 424, 420, 427	Value added
Camping, picnicking, etc	Pesticide residue in human tiesue
Canada. See Foreign countries.	Producer prices 735 Value of shipments 1249
Cancer (malignancies)	Wholesale trade, summary
Foreign countries 1382	Chamban
Foreign countries 1382 Candy and candy stores. See Confectionery.	Degrees conferred
Cane suger. See Suger. Canning and preserving industry:	Nobel prize le restes
Employees and earnings	Selery offers
Output per hour, index	Cherries
Products	Chicken pox
Capacity utilitzation, index	Chickens. See Poultry. Child abuse, neglect
Capital appropriations, by industry	Child care
Capital expenditures853	Revenues, service industry
Manufacturers	Child support payments and alimony597
Pollution absterment 342, 343 Capital, fixed 849, 1246	Adoption
Capital punishment 312-314	Age and/or sex
Capital stock:	Projections
Banks	Aid, social welfare programs552, 553, 557, 589
Business	AIDS
Government 722	Asthme, bronchitis, emphyseme
Residential or housing 1220	Child abuse277
Utilities 881, 936, 941 Carbon dioxide (natural), production and value	Child day care
Caroo tonnage. See Tonnage.	Chronic conditions 179
Cargo tonnage. See Tonnage. Carpets and rugs. See Floor coverings.	CWaa 98
Carrots	Days lost from school         166           Dependent and neglected, in institutions         .74           Diabetes         .172           Drug use         .180, 181
Cash usage	Dependent and neglected, in institutions74
Cashew nuts, import prices 744 Cassettes 370, 1289, 1297	Drug use 180 181
Castings and shipments 1276 Casualties, Vietnam conflict 533	Families with
Casualties, Vietnam conflict	Health insurance coverage140
Catholics. (See Religion).	High school dropout229
Cattle: Farm income	+ armines with the strength of
Farm labor in hours 1090 Number and value, on farms 1112, 1113	immigrants 9
Number and value, on farms1112, 1113	MINESS/ (TALLY
Proces	
Cauliflower, acreage, production, and value 1102	Juvenile delinguency 300 301
Prices 1112 Production 1112, 1113 Cauliflower, acreage, production, and value 1109 Cellery, acreage, production, and value 1109 Cement, summary 1154, 1177	Injuries
Cement, summary	Employed
Foreign trade 1177 Manufacture 1242	Multiple jobholders
Employees	Enrollment in school
Earnings 642	Participation rates:
Output per hour, index 643	Sex, merital status622

Tab	····	Table
also Population and Vital statistics)—Continued	Clay products—Continued Foreign trade	
(16 to 19 years old)—Continued ant statue—Continued	Manufacture	1242
BIK SUBLIS—COMUNUSO	Menufacture 642,	1242
ed 611, 614, 60	Larrangs	1154
	Cleaning, dyeing, pressing, etc., establishments 1320,	1321
Re labor force: children6	Clearnman, peeters with charges	1314
l abuse	7 Climate, selected cities	-356
divorce decree	B Precipitation	)-352
divorce decree	Temperature345, 349	), 363
RJ	is Clocks, wetches, etc.:	
59 	6 Poreign trace	1300
	Francisco 642	1243
	e Faminos	642
scrioor enrollment	Shipments and value	.1297
infection, acute1	Cloth. See Textile industry and Textiles.	
Scrioci enrollment	Temperature	
169, 193, 2	(1 Cost (see also Petroleum and cost products and coke):	1011
inty beneficianes and payments	005 007 000 046 1175	1352
¥	930,	1175
adenoids, chronic disease1	50 Energy source, production and consumption904	ı, 921
y presence of parents	9 Expenditures	910
16	89 Expenditures Exports 20 Foreign countries	VUI
TOTAL TOTAL	Foreign trade 923 1175 1176 1344	1349
reign countries.	Employees	1179
Minority groups		1175
1194, 14 1164, 11	Emptyses	642
1164, 119	15 Hours and earnings 1158,	1163
	Injunes	1100
n value 1201 1202 12	M Prices 747 919	115
ndelione 6	23 Export	744
mit value	76 Producer	736
		117
012	By region and type	90
12. 12. 12. 12. 12. 12. 12. 12. 12. 12.	12 FOREST	140
n. number	06 Public land leases	50
70 use	14 Coel-ter products, foreign trade	.134
nd use 160, 1	52 Coast Guard personnel	2, 534
nd age 1	Coestal population	3
te of industrial Organizations). See AFL-CIO. newspapers and periodicals	42 World 1373,  10 Public land leases.  44 Coal-tar products, foreign trade.  45 Coast Guard personnel	124
newspapers and periodicals 878. 892. 8	33 Employees	124
##fee13	Production	127
8 Ver, deaths 117, 1	Cobelt	1183
ver, destris 117, 1	18 Cocaine use160	D, 18
	36 Consumption	135
	55 Prices import	74
price indexes	0-1	114
2	Coffee	
	Consumption	4, 18
earnings and payrolls 467-4 f othy governments 455-4 stel units 451, 4	Foreign trade Prices	. 135
earnings and payrolls467-4	Prices	127
f city governments455-4		
1881 UNRS451, 4	Coke (see also Coal)	116
copts 7	Car loadings and freight carried	101
	38 Coke ovens, men employed	. 116
countries 13	38 Coke ovens, men employed	9-66
	State and local governments	46
	38 Colleges and universities. See Education, higher education	a.
or rates by family income level	60 institutions. 69 Colombia. See Foreign countries.	
hic officials	16 Colorado See State data	
	Columbium-tentahum 1160.	. 116
d departures3		
I	45 Domestic, by reil	101
on 184-1	Water	, 104
on 184-1 and value 11 lail associations 13 . See Air transportation.	91 Commerce: 42 Domestic, by rail. 43 Domestic, by rail. 44 Domestic, by rail. 45 Domestic, by rail. 46 Foreign, See Foreign trade. 46 Intercoastal. 47 Intercoastal. 48 Foreign trade. 48 Foreign trade. 49 Intercoastal. 49 Foreign trade. 49 Foreign trade. 40 Foreig	104
cial associations 13	20 Commerce and transportation. Federal expenditures	47
. See Air transportation.	Revenue losses due to Federal tax laws	47
	Commercial buildings:	
t Courts	96 Builders	119
Initiality cases  Introduces. See Government. Int. 5 Interior 1139, 1140, 1142, 11 In (see also Stone, clay, and glass products	Revenue losses due to Federal tax lews   Commercial buildings:	120
amplovees. See Government.	Construction white	-120
<b>M</b>	22 Cost of construction	119
lation	2 Energy characteristics 1237	-123
	45 Floor space	-123
is uses also Stone, clay, and glass products	Inventory1237	-123
t.	Vacancy rates	123

	Table	1	Table
Commercial printing (see also Printing and publishing		Congress, U.S.—Continued	
industries)	1242	Members and occupations 408 Representatives, vote cast 401-403, 419	-410
Commodities. See individual types of commodities.		Representatives, vote cast 401-403, 419,	. 422
Realized losses	1082	Senators, vote cast	402
Commodity futures trading	812	Connecticut. See State data.	. 420
Commodity futures trading Communication equipment, manufacture Employees Estrainge Estrainge	1291	Conservation and development, construction	1202
Employees642,	1242	Construction expenditures for upkeep	1229
Scientists and anciences	642		
Scientists and engineers Employment projections Shipments 880, 1248,	631	Highways): Assets and liabilities	-40
Shipments	1291	Ruildings authorized	1207
Communications:		Buildings authorized	207
Degrees conferred 250	5, 257	Construction contracts	1234
Assets or lightities	848		
Communications industry (see also individual industries): Assets or liabilities	5. 826	Value, by State  Value, by State  Corporations, partnerships, and proprietorships	200
EMPROVESS	642	Cost	1199
Compensation	845	Employees	1197
EarningsInjury rates	642 884	Compensation	645
Employment projections	631	Displaced workers	.637
Equipment shipments Expenditures for new plant and equipment Foreign countries	860	Hours	640
Expenditures for new plant and equipment	853	Injury rate	. 664
Gross product	.1396	States	.641
Income and profits829	5. 826	Establishments, number	1 197
Receipts	848	National defense	500
Wage and salary disbursements	678	Gross product, current and constant dollars	.670
Communist areas (see also Foreign countries), U.S. trade	•	Expenditures, Government Expenditures, Government National defense Gross product, current and constant dollars Housing units, new	1210
with		Income and profits 754	76.7
Federal aid to State and local government	435	Injury rates	1201
receral budget receipts and outlays	4/1	Outlying areas 1986, Partnerships 9ay. Peyroll 832, Producer price index	1372
Revenue losses due to Federal tax laws	475	Partnerships	.829
Commuter/regional airlines operations	.1027	Payroll832,	1197
Comoro Islands, population and area	1207	Receipts	1195
Computers and peripheral equipment, services1280.	1268.	Return on equity	867
Advertising expenditures	1349	Sales	867
Advertising expenditures	9, 901	Special trade contractors	1197
Employment	1320	Unemployment 635, Wage and selary disbursements Construction machinery, equipment, etc.:	. 535
Earnings Projections in manufacturing Establishments Poreign trade 1349,	642 631	Construction machinery equipment etc:	0/8
Establishments	.1320	Manufacture 642, 1242,	1242
Foreign trade 1349,	1350	Employees 642, 1242,	1290
Library media centers	218	Earnings	. 642
Occupational projections	1285	Producer price indexes	735
Personal computers	1297	Producer price indexes  Construction materials. See Building materials.	. , 33
Product shipments	.1284	Consumor	
Sales	371	Cooperatives	. 833
Services: Receipts	1221	Debt outstanding	706
By source	.1324	Electronics 230	271
By source	1323	Section   Sect	600
Shipments	371	Alcoholic beverages688,	. 000
Use by library patrons	200	Entertainment	. 靋
Computer science:	, <b>22</b> 0	Farm foods	1003
Dagrees conferred 25	5, 257	Food	. 888
Employment981, 96	2, 966	Health care139,	600
Salary offers 21	2, 253 087	Housing	134
Concerts, symphony orchestras	385	Reading materials	. 364
Concrete and pleater products:		Sporting goods	.365
	744	Transportation	
Manutacture, summary	.1242	Safety:	126
Output per hour index	643	Consumer price indexes 729 741 743	756
Producer price indexes	1260	By commodity group	1401
Menutracture, summery 642, Employees, serrings 642, Output per hour, index 735, Condensed and evaporated milk 184, Condomitume 1209,	1116	Foreign countries	1401
Condominiums	1231	Purchasing power of the dollar	. 729
Confectionery: Advertising expenditures90	1.902	Safety: Federal expenditures Consumer price indexes Sy commodity group 738-740, Foreign countries 742, 1400, Purchasing power of the doller Year-to-year changes Consumption. See individual commodities. Containers, manufacture and shipments: Employees 642,	742
Consumption	164	Consumption. See individual commodities.	
Manufacture	. 1242	Containers, manufacture and shipments:	
Employees 642	1242	Employees 642,	1242
Earnings	642	Employees 042, Earnings 042, Gless 1242, Paperboard and wooden 042, Confinents, population 042, Confinents, population 043, Confinents, popula	. <del>642</del> 1949
Congo. See Foreign countries.		Metal 1242	1276
Congress of Industrial Organizations (CIO). See AFI -CIO	).	Paperboard and wooden	1242
Congress IIS:		Confinents, population	1375
	o, 406	Contraceptive use	. 100
Black elected officials	<del>- 15</del>	Family planning	. 184
Composition 40 Congressional districts	4, 407		. 365
Congressional districts	402	Cooperatives:	
Candidates Votes cast	402	Consumer	. 833
T		Ferm	

T	able	Tai	bk
1153, 1154, 1159, 1160, 1162, 1164, 1182, 1 ie	1349	Credit unions	3
Je	1350	Crime (see also Criminal victimization):	
sery	1182	Arrests	90
n hour, index	643	Arson arrests 263-266, 2	ŭ
11 and value1154, 1	1182	Eldad.	•
747, 1159, 1	162	Average value lost	ŕ
d export	. 744	Existry value lost	'n
pments1	1276	Child abuse and neglect	:77
world1	1406	Crime prevention measures281, 2	ø
<b></b>		Urug abuse viciations2	څ
d value	1102	Race and sex2	š
Credit Corporation transactions	1081	Immigration violations 2	4
to	1413	Juveniles in custody	ŏ
init of production 1	1090	Juveniles in custody 3 Larceny-theft 263-266, 2	:70
	1102	Elderly 2 Motor vehicle theft 284-2	72
d foreign 1004 (	1373	Motor vehicle theft	ď
		Murrier circumstances	٥,
disappearance	1100	Murder circumstances 2 Police officers asseuted, killed 2 Property crime 283-2	ř
, summary	1109	Property crime 283-2	õ
iness 845.	1297	Rape, forcible285-2	Ö
		Property crime   225-2	:70
788.	846	Proudencide	7
	880	Violent crime 282_287 9	7
ion	. 862	Criminal victimization 286 271-2	7
lyments	. 862	Elderly	77
or sherenership, by industry	. 657		
nersnip, by industry	675	Croeker	86
	874	Crops. See Farms and Individual crops.	
pital	860	Foreign trade 1949 1944 19	u
	867	Commodities 1344 1349 13	ŵ
pital 647,	1242	Crude materials: Foreign trade	17:
#	601	Cuba. See Foreign countries. Cubans. See Hispanic origin population.	
		Cubens. See Hispenic orgin population.	
y 800, 675, 823, 825, 880, 882, 886, 1 Income component 823, 825, 827,	1245	Currency:	
Income component	.674	Foreign exchange rate 1417 14	, 1 å 1 1 1
823, 625, 627,	849	Commodity futures trading	57
	867	SUDDIV	-
equity	245	Cusk, imports	м
	.000	Customs, receipts	171
by	.647	Duties and percent of value	2
e income tex 430 487 848	862	Cultary, hand tools, hardware manufacture	Ñ
	.846		ũ
collections	.445	Cyclones	W
institutions (see also Pheone and pheoners)	/4,	Cyprus. See Foreign countries.	
nt and payroll288, 289,	307	Czecnoslovákia. See Foreign countries.	
18	209		
	301	D	
arlume, etc. <i>See</i> Tollet preparations.	-307	_	
erturne, etc. <i>See</i> Tollet preparations.		Deiry cows	110
Ree Foreign countries. Indexes. See Consumer price indexes and		Dairy cowe	
eluenes. See Consumer price indexes and		Consumption164, 1	Š
		Farm sales and income 1078 11	ii'
1100, 1	1105	Foreign trade13	4
		Manufacture	M
de	1076	Employees and earnings	14:
591094, 1097, 1099, 1	1349	Milk sales reported by farms11	10
marketing indexes1099, 1090, 1	1091	Producer prices	11
1000 1023 1004 1100 f	1105	Production 11	110
d foreign	1373	Retail prices7	14
d foreign despression 1242, 1	1100	Cate concessor services	
lactures1242, 1	1266	December 19	15.
on of cotton1	1267	By source19	Š
doe indexes	724	By source	1
rice indexese Foreign countries.	. 730		
mmente 452.	-454	Deaths and death rates (see also Accidents and fatalities):	
by size-group bits officials 292-298,	454	Deaths and death rates (see also Accidents and Islamilies): Age and sex	18
by size-group	.453	Black110, 111, 116, 116, 1	z
DRC OMCIETS	.417		
	300	Foreign countries 49	2
ria U.S. 204.	293 -298	Cencer	ຮັ
urt, U.S. 294- ourt, U.S. 294- ourt, U.S. 1090, 1113, 1	292	Foreign countries	ē
	1116	Foreign countries	16
ports	1149	Fetal and neonatal113,1	114
1139, 1140, 1142, 1	1145	Foreign countries 1380, 1362, 13	ø
704	1110		
<del></del>	1110 .798		
	1110 .798	Foreign countries 13 Industried 113, 114-1	

Table	Table
Deaths and death rates—Continued	Discharges, military 538
Maternal 113 Outlying areas of U.S. 1358	Discount rates, Federal Reserve Bank of New York
Outlying areas of U.S1358	Diseases
Projections 15 Race 110-112, 116	Diehwashers 1227, 1297, 1383
States112, 116, 119	Disposable personal income
Summery	Per capita673
Debits to demand deposit	Distilled figuors. See Liquors and beverages. District Courts, U.S296-287
Debt (see also Loans and mortgages): Farm	Cases commenced, cases terminated
Foreign countries	Civil cases 293-294
Menufacturing corporations	Criminal cases294
Cities	Trials
City governments455	Phildrands.
County governments454	Corporation
Federal Government	Individual income tax returns445, 482
Interest earned	insurance policies 814 National and/or personal income components 674, 678
Interest paid431	Railroad stock 1017
Local government	Railroad stock 1017 Divorce. See Marriage and divorce and Marital status.
Highways980	Doctors, M.D.'s. See Physicians.
State government430, 439, 444	Dog racing, greyhound
Defense, Department of (see also Army, Navy, and Air	Dresses, manufacture 1272
Force): Budget, outleys476	Dresses, manufacture
Contract awards, by States	Driving while intoxicated 1001 Drug stores, retail trade 1305
Employees, civilian	Inventories
States	Sales1301, 1305-1307
Health and medical care	Summary
Research and development	Drug usage, by type of drug180 Drugs:
Space program	Arrests
Property, real and personal	Court cases
Degrees conferred	Enforcement activities
By field of study	Accidental poisonings
Salary offers	Advertising expenditures
Delevere See State date	Consumer price indexes
Delinquency, juvenile	Controlled substances 288 Expenditures and charges for 131, 132, 134, 139
Denmark. See Foreign countries.  Deneity of population, foreign countries	Foreign trade1349
Dental care	Manufacture 1242
Dental insurance141	Employees and earnings
Dentists	Medicaid payments 139 Nonprescription, expenditures 689 Producer price indexes 735
Degrees conferred130, 131, 134, 138	Producer price indexes
Dental schools, students, and graduates143, 256	Retail salés 1308 Wholesale trade 1315, 1316
Employment	Sales inventories
Expenditures for	Summery
Offices:	Drunk driving 1001 Dry goods 1315
Establishments, employees, payroll	Dryer, clothes
Receipts 1321 States 145	Durable goods and industries (see also individual goods
Visits to	and industries):
Department stores (see also Retail trade):	Manufacture: Employees and earnings642
Advertising expenditures	Employees injury rates
States 1310	Employment projections
Retail trade summery	Expenditures for new plant and equipment
Deposits. See Banks. Desertion rates, military	Gross national product, origin in
Detective and protective services	Production indexes
Disbetes	Stockholders' equity, profit rates on
Diagnositic procedures 157 Diagnositic procedures 1162, 1360	Producer price indexes
Production, world	Detail trade
Distornite	Inventories
Diphtheria	Sales 1304-1307 Wholesale trade, sales and inventories 1316
Direct mail advertising expenditures	Duttable imports and duties1351
Disability	Dwellings. See Housing and housing units and Households
Bed-disability days	or families.
Benefits paid	Dyeing and cleaning establishments. See Cleaning, dyeing, pressing, etc.
Compensation and allowances, veterans	Dyeing and finishing textiles, manufacture1242
Disability Insurance Trust Fund (Social Security) 473 564 589	
Disabled persons: Characteristics	E
Elderly	<del>-</del>
Employment658	Earnings. See Profits, and Salaries and wages, and individ-
Medicaid recipients 560, 566 Old-age, survivors, disability, and health insurance. See	uel industries.
Social insurance.	Earth sciences, employment 985 Eating and drinking places 985
Public assistance 586, 589	Employees
Vocational rehabilitation587	Earnings 642 Employment projections 631
Disesters (tornedoes, floods, etc.)	Employment projections

Index 911

•	Table	Ta	abk
no places—Continued		Education—Continued	
	1312	Higher education institutions—Continued	
4004	1307	Enrollment—Continued	
ammary 1301, 1301,	1302	Projections	
		By age and sex Public States	100
ince 1340,	1341	States 199.	244
rates	669	U.S. service schools	244
185	1388	Expenditures	250
lors:	687	Price indexes	246
	007	Scientific purposes, by type	959
rred961, 962	968	Figure 235, 251, 255	252
961, 962	, 965	States	247
reign countries.		Financial aid	246
_		Scholarships, fellowships	245
n: en and reason by sex	262	Scholarships, tellowships	238
haracteristics   see Testing (ACT) Program   40, 201-204, 232-234, 719, 727   501   626   40, 203	261	Graduates (see also Education, attainment and	
age Testing (ACT) Program	226	Degrees conterred)	1000
	, 728	Libraries 258,	258
on628	, 629	Number 189, 235, Price indexes	246
40, 200	, 204	Scientists and engineers, employed 960,	965
1 population	728	Tuition and tees	246
status	620	Voluntary financial support High school dropouts 230, High school graduation credit requirements	250
18075	879	High school dropouts230,	232
as of U.S	1357	High school graduation credit requirements	227
panic origin 201-204 703 ent rate by Hispanic origin, race, sex nuction 1201, 1202, 1204, floor space	719	Kindergartens	194
panic origin	719	Loans and grants, Federal government	140
nuction 1201 1202 1204	1206	Nursing programs, students, graduates	143
floor space	1237	Medical schools, students, graduates  Nursing programs, students, graduates  Outlying areas of U.S	361
223	224	Philanthropy	600
		Private echools:	
Ilment	, 198	Computer use	220
from school	205	Elementary and secondary 189, 193, 194, 197, 223, 2	224
196   from school	-220	Computer use 219, Elementary and secondary 189, 193, 194, 197, 223, Projections (enrollment) 189, 193, 194, 197, 223, Expenditures 190,	19/
pred	-257	Expenditures 190,	189
THE PROPERTY OF THE PARTY OF TH	253		224
s, students, graduates	143	Public elementary and secondary schools:	-
rices: 631, aal product origin 631, and product origin	1280	Competency tests	210
nal product origin	1298	Computer use	220
nents	468	Employees and payroll	214
State and local governmentstatus of high school graduates and	465	Computer use Employees and payroll Enrollment 193, 194, 206, 208, Projections 189, 183, Size 189, 189, 189, States 199, Finances 190, 191, 215, 216, High school graduates 228, 230, Inservice teacher training Libraries/media centers, number Number 189, Personnel salaries 189,	208
status of high school graduates and		Projections	207
		States 199	206
	, 236	Finances 190, 191, 215, 216, 2	217
	, 224	High school graduates 228, 230,	232
status, persons 16 to 24 years old	1361	Inservice teacher training	210
schools 194	198	Libraries/media centers, number	218
t by race and Hispanic origin	198	Number189,	200
189, 193, 197	236	Personnel salaries	210
	244	Price indexes Special education programs 221, Teachers 206, 210,	222
ee also Finances)	190	Teachers 206, 210, 2	211
or persons with limited income	557	Competency tests Projections	210
neril 192, 952 erriment 192, 952 work force, training 2017 puntries 2017 ation institutions 190, 191, 245	457	Projections197,	626
work force training	136	Recreation activities	374
ountries	1386	Scholastic Aptitude Test	225
ation institutions	, 250	School loss days	204
IN M2 Introduction of the community and the comm	201	School years completed. See Education, attainment.	4.00
	247	Service:	
Ols	, 200	Advertising expenditures	902
nots 191 antary and secondary schools 190 ocal governments 191, 192, 247, 437,	441	Advertising expenditures  Establishments, employees, payroll	320
ocar governments181, 192, 241, 431,	441	State data:	
191, 192	444	Elementary and secondary 199, 200, 208, 211, 217, Higher education 199, 244,	247
ies	1386	Higher education 199, 244, i	641
	1300	Catholic schools	223
201, 202	, 232	Flementary and secondary 197, 206	210
201, 202 201, 202, 204	, 232	Employment projections	626
tutions from foundations	603	Employment projections 197, Higher education 235, 251,	252
tutions from foundations	, 222	Volunteers, percent involved	, cases
ion institutions:		Education, Dept. of, budget authority and outlays	476
alary offers by field/position212	253		00
room and board	249	Eggs (see also Poultry): Consumption	189
istics	237	Exports	345
nferred254		Farm income (poultry and eggs)1	076
opulation	74	Output and marketing indexes1090, 10	091
	, 244		
degrees	967	Farm and parity1	115
students		Producer	735
udy	239	Retail Production	111
	240	Egypt. See Foreign countries.	• • • •
A THE PARTY OF THE	240		

	Table	Tabl
Idenly ( <i>see also</i> Population, age):	12 20 20 40 42	Electric light and power industry—Continued
Age and/or sex	13, 20, 29, 40, 42	Electric energy (see also Electricity)—Continued
AIDS	170	Production 83
AIDS	178, 179	World and foreign
Arrests	276, 279	General canacity, installed
Assets, households owning	172, 173, 175	Sales 934, 93 General capacity, installed 930, 93 General capability 930, 93
Black		Ownership, class of
Cencer	180	Ownership, class of
		Hevenues
Cerebrovascular disease Cheritable contributions Chronic conditions Cigarette smoking Cities Community services, use of Contact with children	801	Electric machinery (see also Machinery):
Chronic conditions	172, 173, 175, 177	Foreign trade 1344 1349 135
Cifies	170, 102	Manufacture 124
Community services, use of	598	Capital appropriations and expenditures 125
Contact with children	42	Employees 642, 1242, 129
Chille prevention inseasones		Earnings 64 Expenditures, plant and equipment, new
Criminal victimization	272	Expenditures, plant and equipment, new
Disability days	166	Shipments, value 1248, 129
Education:		Stockholders' equity profit rates on
Adult education participants	261	Wholesale trade1315, 131
Adult education participants	40, 203, 204	Producer orice indexes 71
Earlard hanafite by tune	581	Summary 131 Electricity (see also Fuel and lighting): Capability 930, 83
Foreign born	44	Electricity (see also Fuel and lighting):
Functional limitations Health care expenditures Health insurance coverage	174	Capability
Health insurance coverage	140	Consumention
		Expenditures 91
Hearing impaired Heart disease Deaths and death rates	172, 175	Foreign countries 938, 1409, 141
Heart disease	160, 173, 175	Generating plants, ownership93
Height distribution	121	Expenditures
Historic origin considetion	10	Prices
Homes for the aged	74	Indexes
Hospital use	154, 1 <del>6</del> 0	Residential use 912_015_1225_122
Households.		Sales 929, 934, 93
Assets	827	
Winess/injuries	171	Electronic equipment, Advertising expenditures 900-80 Components and accessories 1283, 1291, 128
Injuries	167	Advertising expenditures
Injuries	, 612, 614, 622, 632	Components and accessories1283, 1291, 128
Employed	612, 614	Sales
Multiple jobholders	618	Computing equipment, summery 128 Corporations, financial data 880, 86
Participation rates	611, 642	Corporations, marcias data 800, 800, 800, 800, 800, 800, 800, 800
Unemployed	811 R32	Employment in menufacturing
Union membership	667	Employment projections63
Union membership	817	Foreign trade 1258-1261, 1349, 135
Living arrangements	41, 42, 63	Research and development954, 95
Merital status Medicaid payments and recipients Medicare program	40	
Medicare program		Semiconductors
Mohility etetue	24	Shipments
Multimedia users	879	El Salvador. See Foreign countries.
Multimedia users	152, 162, 163	Emery, production and value115
Nutrient intake	186	EIIDIY99118 150, 150, 136
Physician/Dental visits	147	Employee benefits
Nutrient intake Physician/Dental visits Poverty Prisoners under sentence of death	40, /15, /16, /21	Employment agencies 132 Employment and labor force: See Labor force, employ-
		ment, and sernings.
States		ment, and earnings. Employment cost index65
States	565	
Vieual impairment	172, 175	Energy:
lections:		Energy: Assistance for persons with limited income
Black elected officials Campaign expenditures Congressional	415 424 427 429	Commercial buildings 919_016 199
Congressional	400-403 419	Consumption 904-909 912-914 990 94
(-inhernatorial	412 420	By characteristic of household
Hispanic officials Political action committees Presidential	416	By type of fuel
Political action committees	426	End-use sector
		Foreign countries
Registration requirements	423	States 90
Voter registration	421_422	Development and research 95
Senetoriel primeries  Voter registration  Voter turnout	418, 422, 423	End-use sector 907 91
Votes cast Voting-age population Women in public office lectric central stations, horsepower	423	End-use sector 907, 91 Expenditures 910, 91
Voting-age population	418, 422	Commercial91
Women in public office	<u>417</u>	Consumption91
lectric central stations, horsepower lectric equipment,	903	Menutecturing
lectric equipment, Employees and earnings	240	States 912-61
injury rate		Type of structure
lectric light and power industry:		Wood
lectric light and power industry: Belence sheet and income account Construction costs	936	Focal fuel prices
Construction costs	1199, 1201, 1202	Households123
CONSUMER COORDINATIVES		Production 904, 90
Consumption of fuel Electric energy (see also Electricity)	1175	Companies 98 Foreign countries 921, 1409, 1410 Solar collectors, manufacturens' shipments 94
Consumption		Soler collectors, manufacturers' shipments
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	530	

Table	Table
ontinued	Expenditures of U.S. Government—Continued
partment of, budget authority and outlays	Space programs
partment of, budget authority and outlays476  ourity trust fund	Space programs
amly frust fund	Vocational rehabilitation 587
conferred	Export-Import Bank 501, 502, 1337
nent 212, 255	Exports, See Foreign trade.  Execuses and contact lenses 131 132 134
Government966	Elderly 179
ments, employees, payroll	Expenditures for131, 132
1321	•
and scientists	F
nent	
d turbines:	Fabrics, See Textile industry and Textiles. Factories. See Manufacturing industry.
ture 1242	Failures. See individual subjects.
ings 642, 1242, 1290	Falls, deaths from
ent (see also Recreation):	Falls, deaths from
expenditures	Fans, shipments, value1297
uthority and outlays	Farm Credit Administration
ent	Farm implements and machinery. See Agricultural imple-
satment facilities, Federal aid to State and local	ments, etc.
ments	Debt outstanding
rental and leasing services	Held by commercial banks
255   257   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258   258	ments, etc. Farm mortgage loans: Debt outstanding
Guinea, population and area1378	Principal lenders 684 791 1232
girt taxes4/1, 40/	Veterans guaranteed and insured 551
ee Foreign countries.	Farm products. See Farms, and individual products
e Foreign countries. Conomic Community	value.
conomic Community 1389	Farm supplies, wholesale trade
!	Farmer cooperatives
Ity futures trading812	Farmers and farmworkers
8	Bankruptcies filed
lty futures trading 812 8 806, 807, 809, 810 8 445, 471, 487 313, 314	Employment projections 626, 631
ervice (Federal):	Indexes of inputs
utlays and authority476	Migratory workers 1088
of life (average lifetime) 106-109	Tenure of operator 1060
1313, 314   1314   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   13	Farm products         value.           Farm real estate         1065, 1066           Farm supplies, wholesale trade         1315           Farmer cooperatives         833, 1084           Farmers and farmworkers         1053           Bankruptcies filed         837, 1071           Employment         627           Employment projections         626, 631           Indexes of inputs         1085           Migratory workers         1086           Off-farm work, days         1060           Tenure of operator         1060           Unemployment         635, 636           Wages or income         1088
es. See individual subjects. es of State and local government. See individual	Wages or income1088
is of State and local government. See individual	Farms 1018, 1019, 1053, 1059, 1337, 1342, 1349
es of U.S. Government430, 471, 987, 1161, 1337-	Wages or income
1339, 1341	Average per farm
end and humanities 385	Crops harvested (see also individual crops)1099, 1100.
ate and local government 434-436, 441, 987	1102, 1104–1106, 1108, 1109 Principal crops 1091 States 1058
tion435	Principal crops1091
ly trust fund 987	States 1008
uthority 476	Used for domestic purposes, exports
пиложение полительной доментории при на 431	Ortilization 320 Agricultural products: 320 Agricultural products: 1000
utlay432	Exports, acreage used for producing
cls and payrolls 4/1, 509-511, 1033, 1161	Foreign countries, production
American wars	Agricultural products: Exports, acreage used for producing 1092 Foreign assistance 1192 Foreign countries, production 1194, 1096-1098, 1342 Waterborne commerce 1094, 1096-1098, 1342 Waterborne commerce 1074, 1076, 1076 Marketed through farmer cooperatives 1089, 1091 Prices (see also Prices received by farmers): Producer 735
1 military assistance	Waterborne commerce 1074 1076 1076
rch and development 519	Marketed through farmer cooperatives 1074, 1076, 1076
ile materials 1161	Output and marketing indexes
ns programs 508	Prices (see also Prices received by farmers):
See Federal aid to education	Production, U.S. and world 1094
grams, Federal553, 557	Railroad car loadings 1018, 1019
471	Wholesale trade 1315, 1316
irvices and supplies	Summary 1316
buildings	World production 1373
rect and guaranteed	Assets and liabilities
ervices	Capital stocks 1220
s for public assistance	Construction value 1201, 1202
461, 462	Prices (see also Prices received by farmers):           Producer         735           Production, U.S. and world         1094           Railroad car loadings         1018, 1019           Wholesale trade         1315, 1316           Sales, inventories         1316           Summary         1315           World production         1373           Assets and liabilities         766, 1087, 1072           Balance sheet of the farming sector         120           Capital stocks         1220, 120           Consurrer expenditures, farm foods         108           Credit         791
control 339, 343	Credit 791 Crops (see also individual crops):
t earned 470, 477, 478	Acreage harvested1092, 1099, 1100, 1102, 1104-1106
ids	1108, 1106
and development	Acreage, summary 1091
arbors, and flood control 1037	Income from 1076, 1076
public and private191, 192	Output and marketing indexes1089, 1091
### ### ### ### ### ### ### ### ### ##	Acreage, summary 100, 1106, 1106 Fruits and ruls 1091, 1110 Income from 1076, 1076 Output and marketing indexes 1089, 1091 Prices 1089, 1091 Proces 1080, 1102, 1104, 1106 735

Table	Tabl
arms—Continued	Ferroalloys—Continued
Crops (see also individual crops)—Continued	Production 1195, 137 Fertility, fertility rate 82, 95, 1
Production	Cortilinare
Venetables 1001 1100 1340	Farm expenditures for
Foreign trade	Foreign trade1349, 135
Foreign trade 1349 Debt 1067-1069, 1072, 1079 Mortgage outstanding 793, 1067, 1068	Imports 108 Manufacture, summary 124
Expenditures 1070, 1075	Supply and use
Farm marketings	Manufacture, summary   Supply and use   100
Government payments to farmers 10/3, 10/4, 10/7, 10/8	Figs, fresh
Morgage outstanding	
Households or families, characteristics	Fillipino. See Minority groups. Filling stations. See Gasoline service stations and garages.
Farm operators 1070, 1073, 1080	Filling stations. See Gasoline service stations and garages. Finance. See individual subjects.
Farm operators 1074 Government payments to farmers 1073, 1074, 1077,	Flaces companies.
	Assets and liabilities
Income and production expenses 1070, 1074 Input indexes 1085	Automobiles, new and used, finance rates
Inventories, change in1073	Finance, insurance, and real estate:
irrigated farmland1063	Assets and liabilities
Input   Indexes   1003   Inventories, change in   1003   Infgated farmland   1063   1069   Labor Inputs   1085, 1089   Livestock on farms, by State   1113   1074   Infgate   1074   Infgate   1074   Infgate   1074   Infgate	Corporations, partnerships, and proprietorships825, 826
Living cost 1074 Motor equipment on farms 1086	Fernings per share
Motor equipment on farms	Earnings per share
National income, origin in	Compensation 64 Earnings, hours 640, 642, 84
Operator characteristics 1061 Outlying areas of United States 1371	Earnings, hours
Outlying areas of United States	Injuries
Characteristics 1055	Employment projections63
Characteristics 1055 Poultry, number on farms 1114, 1115 Price supports, CCC transactions 1061	Flow of funds
Price supports, CCC transactions1061	Foreign investments in U.S133
Prices received by farmers:  Crops	Gross netional product, origin in
Livestock and products1112, 1115	Pertnershine 829, 60
Proprietors Income	Payroll
Real estate, value	Return on equity88
Rental value of homes	Linemplement rate 63
Size	Eleancial instruments Commodity futures tradition 81
States         1058           Taxes         1073, 1074           Tenure of operator         1080, 1061	Finland. See Foreign countries.
Tenure of operator1060, 1061	Finland. See Foreign countries. Fire department. See Public safety. Fire insurance
Type 1069 Type of organization 1062 Value:	Firearms 12 Accidental deaths 12 Fires and fire losses 280, 315-31
Value:	Accidental deaths
Farm output	Accidental deaths
Earn aranacha	Arson 28 Firms. See Business enterprise and individual types of
Land and buildings	Firms. See Business enterprise and individual types of
Wages paid, hired labor 1074 stallties. See Accidents and fatalities.	business and industry. Fish (see also individual species):
etailties. See Accidents and fatalities.	Canning and preserving
at, nutrient available for consumption 187 ats. See Lard, Margarine, and Ols. Federal aid to education 436, 552 Elementary and secondary schools 191, 192, 553	Canning and preserving
Federal aid to education436, 552	Consumption 15
Elementary and secondary schools191, 192, 553	Foreign trade
Higher education institutions191, 192, 235, 245, 471, 553	Production and value 1144, 114
Handicapped students	Supply
Research 949, 950, 956 Science and engineering 956	Fish meet and oils
Science and engineering 956 Federal aid to State and local government 434–436 Pollution abetement and control 341	Fighery industry113
Pollution abatement and control341 Federal banks. See Banks.	Catch1136, 113
Farlarel hurtoet	Products 1134, 1137, 113
Outleys	Fishing and hunting 380, 381, 364, 367, 374, 375, 377-38
Receipts outless and debt 471 476	Fixed weighted price indexes
Trust funds	Floods 128
Federal Deposit Insurance Corporation	Floor coverings: imports
National detense and vestrans programs 505, 506 Receipts, outlays, and debt 471, 476 Trust funds 471, 478 Trust funds 501, 502 Federal Deposit Insurance Corporation 501, 502 Federal employees, civilian. See Government. Federal food programs 502	Menufacture 124
Federal funds, summary distribution by State485	Manufacture 124 Employees 842, 124
Federal funds, summary distribution by State	Earnings
tures of U.S. Government.	Employees 642, 12M Emmings 64 Producer price indexes 735, 118 Floor polishers, electric, sales and retail value 128 Floopy disks, shipments and value 1297, 129 Florida. See State data. 1302, 136 Flounder 1130, 1140, 1142, 114 Flour, consumption (ase also Grain-mill products) 16 Flow of funds 684, 765-78
tures of U.S. Government. Federal Housing Administration mortgage loans794	Floppy dieks, shipments and value 1267, 129
Federal real property322 Feed:	Florida. See State data.
Farm expenditures for	Flounder
Farm expenditures for 1074 Farm output indexes 1089, 1091	Flour, consumption (see also Grain-mili products)18
Foreign trade1349	Flow of funds
Female householder. See Households or families.	Fluoreper 1154, 116 Fodder. See Feed and Hey.
Female population. See Women.	Fodder, See Feed and Hey. Food expectitures by here:
Ferroelloys	Food expenditures by type:

	1	Table	T	able
Food expenditures by type—Continued			Foreign countries—Continued	
Food at home—Continued			Arms exports and imports 518, 519, 518, 519, Balance of payments 1327. Beverages, personal consumption expenditures 1379, Cities 1379, Cities 1379, College students enrolled in U.S. Communications industry 740, 1401. Crude oil 922, 924, Death and death rates 1379, 1380, Debt 1420, Debt	521
Food at home—Continued Beef and pork Cereal and bakery products Fish, seafood and eggs Fruits and vegetables, fresh, processed Milk, cream, other dairy products Poultry, and other meats Food away from home Percent of personal consumption expenditu countries Food for Peace	600	689	Balance of payments 1327,	1328
Fish seafood and eggs	009,	689	Birth rates 1370	1390
Fruits and vegetables, fresh, processed	689,	1083	Cities	1381
Milk, cream, other dairy products	689,	1083	College students enrolled in U.S	241
Poultry, and other meats		689	Communications industry	1396
Percent of personal consumption expenditu	res toreion	1003	Consumer price index	1406
countries	and, roronga	1390	Death and death rates 1370 1380 1	1382
Food for Peace Food products manufacturing industry Capital appropriations and expenditures Corporation sales, profits, and dividends		1095	Debt 1420, 1	1421
Food products manufacturing industry	***************************************	1242	Economic indicators	687
Corporation sales profits and dividends	960	887	Economic indicators	1404
Earnings per share Employee injury rates Employees Earnings	metetonom to the	. 867	Energy production and consumption 920, 921, 1409, 1	1410
Employee injury rates		.664	Exchange rates	141/
Employees	642, 1242,	1256	Fertility rates	1380
Expenditures	042	688	Financial resources	1422
Plant and equipment, new		. 853	Fish catches 1141, 1	1143
Research and development		954	Food:	
Frozen fish Imports and exports Production indexes		1144	Food: Consumption 1391, Personal consumption expenditures	1392
Production indexes	1258,	1260	Production indexes	1411
Return on equity	***************************************	867	Gasoline, retail prices	1009
Sales		867	Gross domestic product 685, 686, 1388, 1389, 1	1397
Stockholders' equity, profit rates on		866	Gross national product Growth rates, economic	1387
Food programs (Faderal)	552 557 501	503		
Food slamp program	553, 557, 591	-593	Health care expenditures and employment	1385
Food waste disposers		1297	Hospitals	1384
Summary	nmodities):		Immigration to U.S	2, 45
Agricultural prices Car loadings Commodity Futures trading Consumer expenditures		. 752	Health care expenditures and employment Hospitals Immigration to U.S	1328
Commodity Futures trading	MICONOTTO INTE	812	Investments in U.S	1336
Consumer expenditures		1083	Life expectancy	1380
Consumption	184-186	1391	Loans, by U.S.	784
Foreign countries Costs, weekly food	1391,	1392	Manufacturing establishments and employees:	
Foreign assistance	/52	1337	Productivity, compensation and labor cost indexes	1405
Foreign assistance Foreign trade	. 1348-1350.	1352	Merchant vessels	1051
Quantity and value indexes		1343	Military expenditures	1424
Waterborne commerce		1040	Military sales	524
Prices:	729 740	741	Motor vehicles 990,	1394
Increase, U.S. and foreign countries		1401	Nobel prize laureates	957
Consumer price indexes	730	735	Nonimmigrants from	. 393
Hetail	/49	. /50		938
Seafood		753	Personal consumption expenditures food and hev-	1004
Production indexes	1091	1249	erage	1390
Foreign countries	merchanomorbon	1411	Physician visits	1384
Retail trade:			erage	1379
Inventories	120E 1206	1307	Cibes	1381
States	1305, 1306,	1310	Production: Crops	1412
Summany	1201	1202	Indexes	
Foodservice industry: Establishments Food and drink sales/ourchases			Meat	1414
Establishments	***************************************	1309	Minerals	
Food and drink sales/purchases			Steel	1407
			Sugar Refugees admitted to U.S	10
Footwear: Athletic		364	Hesearch and development expenditures	. 958
Consumer price indexes		740	Reserve assets Schools and education, expenditures	1416
Imports	1344,	1350	Schools and education, expenditures	1386
Manufacture Employees	642	1242	Sewage treatment systems Social Security programs, payroll tax rates Space launches Steel production and consumption	1395
Earnings		642	Space launches	975
Output per hour; index		643	Steel production and consumption	1407
Production			Suicides	1383
Producer price indexes	264 1205	1307	Tax receipts by type of tax	1398
Inventories Foreign affiliates		1307	Trade	1406
Foreign affiliates		.869	Trade with United States 1328, 1344, 1	1345
Industry of affiliate		869	Trade Trade Trade With United States 1328, 1344, Travelers to and from U.S., expenditures 387, 389 Vital statistics 1379,	-391
Foreign aid by U.S. Government	1337-1341,	1422	Vital statistics	1380
Economic assistance	1337-	1341	Foreign currency holdings	1331
Economic assistance	523	1340	Foreign exchange rates	1418
Programs  Foreign aid to developing countries  Foreign born population  Foreign citizens, science doctorates  Foreign companies, U.S. affiliates		1337	Foreign grants and credits, U.S. Government	1336
Foreign aid to developing countries	1422,	1423	Foreign investments in United States 1254, 1332, 1333, 1 Foreign languages:	1000
Foreign born population	4	4, 45	Foreign languages: College students enrolled Degrees conferred	240
Foreign companies, U.S. affiliates	***************************************	1333	Degrees conferred255.	257
Foreign countries:		.000	Foreign students, college	. 291
Adopted children		.594	Foreign trade (see also Foreign aid, Foreign countries, and	100
Agricultural aid		1095	individual commodities) 1342, Agricultural products 1096, 1342,	1346
Aid to developing countries	1400	1422	Agricultural products 1096, 1342,	1000
Agricultural aid Aid by U.S. Government Aid to developing countries Area and density of population Armed Forces personnel	1922.	1378	Acreage used for producing exports	1111
Armed Forces personnel		1425	Meats and lard 1097,	1098

	Table			Table
Foreign trade—Continued		Fruits and nuts-Continued		
Agricultural products—Continued		Output and marketing indexes	1089,	1001
World and U.S. exports	1094	Production and value		1110
Aircraft and aircraft parts	1344	Fruits and vegetables: Consumer expenditures, fresh, processed		
Automobiles, imports	4040	Consumer expendeures, tream, processed	. 000,	72
Control districts Commodity groups	1090	Producer price indexes Retail price Retail stade, summary Fuel (see also individual lypes, and energy): Commercial use		740
Commodity groups 1344	1348 1349	Retail trade, summery	1301.	1302
Continents	.1344, 1345	Fuel (see also individual types, and energy):		
Countries	1406, 1415	Commercial use		1237
Customs regions and districts	1346	Consumption:		
		Consumption: Airplanes, aviation, certificated route carriers Menutacturing industries Motor vehicles Utilities	1024,	1021
Aerospace equipment, products, space vehicle s	5 <b>78</b> -	Manufacturing industries		1175
terns supplier and recipient countries	1034 518 510	MOUT VOIDS		1176
Ry inclustry	1261	Flectricity generated by	930	232
Commodities	.1260, 1352	Foreign trade		1162
Countries 1176,	1413, 1415	Industry, summary		1153
Fiber (man made)	1269	Prices		910
Managasa	1182	Retail	. 760,	1000
Price indexes	745	Retail Producer 905, 1152,		734
Fertilizers	1148 1149	Poteli seles	1134,	1306
		Retail trade, summery	1301.	1302
Rooke	368	Used in heating and/or cooking	1225.	1220
By industry	1259	Utilities	942	2, 943
Commodities 1256,	1351, 1362	Production 900, 1104, Retail sales		
Countries 1176,	1413, 1415	Consumer		740
By industry	.1182, 1185	Producer		735 754
Fishery conducts	1148			
Fishery products Free and dutiable Minerals	1351	rus oss: Consumption: Airplanes Motor vehicles Residential		
Minerals	1162	Airplanes	1024.	1028
Price indexes	745	Motor vehicles		1003
Semiconductors	1282	Residential		913
Tungsten	1282	Foreign trade1162,	1166,	1350
indexes of mostly and value	118/	rossi fuel prices		919
Semiconductors	1327 1328	Residential Foreign trade 1162, Fosell fuel prices Inventories, value, and quantity Price indexes: Producer: Producer:		1170
Manufactures exports, U.S. compared to world	1253	Producer		736
Iron and steel	1275, 1277	Retail		756
Merchandise	. 1342, 1345	Production	1106,	1167
		Residential use	914,	1225
Outlying areas	1368	Fund-raising campaigns		-65
Mineral fuels	1026	Fungral agrices and gramatories	/60	, /
Prices	744	Production Residential use Fund-raising campaigns Funds, flow of Funeral services and crematorise Fundings, house. See Houselumishings.	I JEU,	
Textile products Timber products	1270			
Timber products	.1122, 1133	Advertising expenditures		006
Trade areas	1344	Employees and earnings		1121
U.S. affiliates of foreign companies	1333	Manufacture		1242
Trade areas U.S. affiliates of foreign companies Vessels entered and cleared Waterborne commerce	1041, 1042	Employees	, 642,	1230
World summery external trade	1373	Interventee	************	-
Forest products (see also individual products):		Expenditures, plant and equipment, new		1242
Cer loedings	1016, 1019	Output per hour, index		. 643
Foreign trade 1122, 1126,	1133, 1352	Production indexes		1240
Manufacture	.1129, 1242	Retail sales 1395,	1306,	1310
Waterborne commerce World summer, external trade Forest products (see also individual products): Car loadings Forest prade 1122, 1125, Manufacture Consumption 1122, 1123, 1126, Employees Prices Prices Stocks National forests	1130, 1132	impoyees	1301,	1300
Prices	1124 1126	Retail trade, summery	1301	1300
Production1122_1126	1130, 1132	States		1310
Stocks	1126	Wholesale trade	1315,	1310
	1118	Advertising expenditures Employees and earnings Manufacture Employees		_736
Forests:	4440	Sales inventories		1316
Commercial Land, acreege and ownership 319, 505, National 1117, Payments and receipts	.1119, 1120	Summery		1315
டன்க, கப்சகழ்ச் காய் பணங்கள்ற 319, 505, National 4447	1118 1120	Furs and fur goods: Foreign trade		1360
Payments and receipts	1118	Futures price indexes, selected commodities		74
Recreational use	360	Total of production of the pro		
Recreational use	00, 602-604	_		
Foundries, menufacture	1242	G		
Employees	642, 1242	A		
Earnings	642	Gabon, See Foreign countries.		-
Foundrisons, philanthropic 8   Foundrise, manufacture	1311_1313	Gadeden Purchase	310,	, 321 979
Fraternal associations		Gemes, tors, etc.:		
Fraternities Fracers, home 1227, 1296, Fraight traffic. See Air transportation, Canala, Railros Rivers, and Waterways.	80	Advertising etc.: Advertising etc.: Expenditures	900	-802
Freezers, horne 1227. 1298.	1294, 1393	Expenditures		363
Freight traffic. See Air transportation, Canals, Railros	ide,	Foreign trade		1360
Rivers, and Waterways.		Marinacon.e		1242
Frozen foods:  Consumption Fish Fruits Consumption Foreign trade (fruits and preparations)	464	Producer price indexes		. 736
Consumption	1127 1148	Producer price indexes Garges. See Gasoline service stations and garages. Gardens, home, characteristics, gardening. Gamet (abtrasive), production and value. Gas (see ater Petroleum and gas wells): Customers, seles, and revenue	975	974
Faile	1110	Gernet (ehrseke), production and value		, 5/0 1164
Consumption	165	Gas (see also Petroleum and one wallet:		
Foreign trade (fruits and preparations)	1092, 1097	Customers, sales, and revenue		. 643
Fruits and nuts:		Average prices, selected areas		_757
Fruits and nuts: Foreign trade	.1349, 1360	Ges mains, mileage		-645
Income and receipts from	1076	Tributed bestorenu (2000)	··················	1171

Table	Table
Gas—Continued	Government (see also Expenditures of U.S. Government,
Manufactured, customers, sales, and revenue	and Receipts, U.S. Government, and individual gov-
Natural905, 910, 1022, 1153, 1154, 1159, 1167, 1170,	emment units):
1172, 1174 Consumption908, 907, 909, 914, 920, 1173	Capital stock
Consumption908, 907, 909, 914, 920, 1173	Collective bargaining agreements464
Customers, seles, and revenue 943, 1173 Drilling expenditures 1169	Construction value of buildings
Energy expenditures 910 Energy production and consumption 904, 905 Exports and imports 1360, 1362	Collective bargaining agreements
Energy production and consumption	City government         467–469           Compensation         645           Federal, civilian         461, 462, 494–486, 500–502
Exports and imports	Compensation645
Foreign trade923	Federal, civillan461, 462, 494-498, 500-502
Imports	Abroad 3 Accessions and separations 496 Agency 497, 501, 502
Industry, summery 1153 Inventories, value, and quantity 1170 Offshore lease revenues 1189	Accessions and separations
Offichors lesse revenues 1170	Rise coller workers 497, 301, 302
Marketed production   1173	Blue-coller workers
Pipeline companies, mileage	Defense-related work 515
Prices	Displaced workers
Production 906, 921, 1172, 1174	Health benefits136
Foreign countries1408, 1409	Metropolitan areas495
Reserves	1988
Price indexes:	Permis 494
Producer 796	Salaries, annual average         466           Sex         496           Sick leave         574
Retail         756           Production and value         1154, 1173           Production indexes         1152	Sex498
Production and value1154, 1173	Sick leave574
Production indexes1152	
Revenues942	Type or position495
Sales	Type of poetton
Employees and earnings	injury rates
Output per hour index843	Injury rates
Output per hour index 643 Price indexes 757	Scientific and technical980, 965
Gas utility industry:	State government 461, 462, 465, 496
Accident and deaths 980 Balance sheet and income account 941	States 841 Employment cost Index 666
Balance sheet and income account941	Employment cost index 656 Employment projections 628, 631
Construction costs 1199 Customers, sales, and revenue 942	
Employment projections 631	Expenditures: City government455-458
Employment projections	City government400-406
Mains, mileage1022	Federal 431, 432 Aid to State and local government 341, 434-436, 567 Capital outley 432
Revenues941, 943	Capital outley
Sales	Public assistance programs587
Sales	Capital outley
	Capital outlay432
Gasoline service stations and garages: Employees 1301, 1302 Franchises 1312 Retail seles 1301, 1302, 1305, 1307, 1310	State covernment 420 421 422 444
Employees1301, 1302	Federal participation in domestic credit markets 481
Franchises 1312	Federal real property 322
Retail sales 1301, 1302, 1305, 1307, 1310	Federally owned land
1301, 1302, 1305, 1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1310   1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307, 1307,	Finances, State government 444 Flow of funds 765, 766, 767
Robber 270	Flow of funds
States 1310	Gross product, originating in
Gem stones	Hospitals152 Insurance, See Social Insurance.
General merchandlee, retail trade:	Land. See Public lands.
Employees and earnings	Local government:
States	Ciliat:
Inventories 1307 Sales 1305–1307, 1310	Employees, earnings. and payroll467-469
States1305-1307, 1310	Einenne ARR_ARB
States 1310 General Services Administration, employment 501, 502	County finances
Geographic data	Employees
Geography and cartography	Earnings 486 Number, by type 429, 452 Payroll 461, 462, 465
Georgia. See State data.	Payroll
Geothermal energy 904, 905	Population, by size-group463
Geothermal see State data.  Geothermal energy	Payroli 461, 462, 463 Population, by size-group 463 National Income, origin in 57 Number of units by type of government 429, 452 Payrole 451, 462 Payrole 461, 462 Payrole 586 Receipts 461, 442, 444-448, 461 Receipts 461, 462, 464
Gibrelter See Erreign countries	Number of units by type of government429, 452
Gift, novelty, and souvenir stores: Retail trade summary	Purchases of coords and services 461, 462
Retail trade summary1302	Receipts 431 437 441 442 444-448 451
Gift texes	
Glass (see also Stone, city, and glass products):	Revenue losses due to Federal tax laws 475
Manufacture 1949	Salaries and wages (see also Income, and individual in-
Corporations, financial data 890	A A
Employees 642 1242	Cuerner: Local government employees
Manufacture   1242	State government employees
Output per hour index 643 Producer price indexes 735, 1198	Stations and edition materials arranged
Producer price indexes	Otate and lead outside materials, summary
Gloves, leather 2242 Gold, summery 1152, 1154, 1164, 1180, 1331 Imports as percent of consumption 1164 Mining industry, summery 1159	State and local governments: 1161 State and local governments: Employees, annual salaries 463 Federal aid 434-435 Finances 437-440 Labor management relations 464 Local government 461 Pages 461 Pages 461 Pages 461 Pages 461
imports as percent of consumption	Federal sid
Mining industry, summary 1153	Finances 437-440
Prices	Labor management relations464
Production and value1154, 1180	Local government451
World 1409 Reserve assets 1331 Golf 386, 973, 375	
Golf 200 275	Structures
	VIET \$45711614 1616

Table	Table
Government—Continued	Herdwere:
Wages and salaries:	Menufacture, summery
National Income component	Retail trade summary1301, 1302
	Militaria trada 1315
College 201-203, 232	Producer price indexes
College	Summery1315
Cer inedinos 1018	Hets, manufacture
Consumption	Hawell. See State data.
Commodity Futures trading	Hey: Acreege, production, and value1100
Farm income	Hours per unit of production
Everyte by trade asses 1344	Hours per unit of production 1085 Cutput indexes 1089, 1091
Output indexes	Prices, farm 1100 indexes (hey and heyseeds)
Grain-mill products, manufacture	Supply and disappearance
Employees 642, 1242	Supply and disappearance 1100 Hiszardous wastes 230
Eemings 642 Output per hour index 643	
Grants reported by subject 603 Grapefruit, production and value 1110	Generated elies
Grapefruit, production and value1110	Hazelnida (Wharts) 1110
Grapes, production and value1110	Headphones 1256
Grazing: Land, Federal acreege	Madibe
	Volunteers, percent involved
Public lands, leases	Health and Human Services, Department of:
Great Lakes:	Health and Human Services, Department of: Budget authority and outleys
4000 4000	Employment
Fisheries	Experiences, research and development
Greek letter societies	Health and welfare, Federal budget receipts
Commerce 1089, 1039 Fisherise 1138, 1140 Greece. See Foreign countries. Greek letter societies 80 Greenland. See Foreign countries. Greenland, See Foreign countries. Greenland, manufacture 1242	Heelth care: Consumer expenditures
Greeting cards, manufacture	Consumer expenditures
Grocery stores: Retail selee	Consumer price indexes 138, 740 Coverage 140, 141, 568, 567, 575, 578, 579 Education and training 152, 626, 627, 631, 669, 657
Inventories 1307	Education and training
Retail trade mannery	Employees
Wholesale trade1315, 1316 Summary1315	Employment benefits
Gross domestic product:	
Annual growth rates, international comparisons685	Riv industry 631
Gross domestic product: Annual growth rates, international comperisons By country Geography Gross national product Geography Gross national product Geography Gross national product Geography Gross national product Geography Gross national product Geography Gross national product Geography Gross national product Geography Geography Geo	By occupation
BY COURTY	By occupation 636 With group health plan 658 Expanditures 130–138, 474
HV Industry 6/0, /62, 1295	Consumer130-133, 139
Components—Annual growth rates	Federal
Forecomic consults rates indicators 600 607 905	Public 130, 131, 138-136
Foreign countries 697, 1367, 1366 implicit price defiators for 688, 732 Motor vehicle products as percent of 688,	Facilities
Makes with the conducte on percent of 903	Federal outleys for 130, 135, 136, 436
National defense outlays as percent of GNP508	Government employment and payrolls
National defense outlays as percent of GNP	Governmental expenditures
Originating in manufacturing1240 Relation to national and personal income	Gross national product, origin in1286
Gross private domestic investment in relation to GNP686,	Hospitals and institutions 152-156
671. 651	Government employment and payrolls462
Current and constant dollars	Industry employees and earnings
Gross saving and investment 679 Ground water used 328	Medicald 136, 140, 436, 563, 557, 579, 580
Groundfish, imports1149	Medicare130, 135, 136, 140, 553, 561, 553, 564, 575, 578
Group health insurance plans	National expenditures 129-134 Nursing homes 131, 132, 134, 162, 163
Guadeloupe, population and area	Facilities
Guetemela, See Foreign countries.	Facilities 162 Occupational safety and health 136 Personal expenditures 133, 134
Guinea. See Foreign countries.	Personal expanditures
Guns, See Firearms, Guvens, See Foreign countries.	Personal expenditures 133, 139 Personal health products 178 Philanthropy 131, 133, 134, 600 Price indexes 130, 131, 133, 552, 653 Federal Government 130, 136, 136, 136, 436, 436
Gypeum and gypeum products 1154, 1180, 1184	Price indexes
Producer price indexes 735, 1196 Production and value 1154, 1160	Public expenditures130, 131, 133, 552, 563
Production and value1154, 1160	Aid to State and local governments
••	Aid to State and local governments436 Foreign countries1395
H	State and local government437
Heddock:	City government 455, 467
Catch 1139, 1140, 1142	State government
Freeh and frozen peckaged1144	Revenue leases due to Federal tax laws
Catch	Service industry:
Heilbut 1139, 1149	Summary
	1321   Summary
Hams, bacon, etc., imports	Heelth insurance (see site Medicare):
Hendbegs, menufacture, summary1242 Hendicapped:	Coverage
Federal aid in education	Enrollment and payments
Institutional population	Enrollment and payments 578 Expenditures for 139, 130, 139
Public school enrollment221, 222	Consumer139

<b>.</b>	i able		80
nce—Continued		Hispanic origin population—Continued Marital status.  Metropolitan areas. Multimedia users. Poverry. Poverry. Preprimary school enrollment. Projections. Wealth. Historic sites. Hobby, avocational associations.	
and policy reserves, life insurance		Marital Status	5
18	814	Multimedia users	AG
anizations, financial data	137	Poverty 712, 715–719.	72
nance Organizations	142	Preprimary school enrollment	.19
as and supplies, expenditures 129	-135	Projections	1
nance Organizations es, degrees conferred 255 es and supplies, expenditures 125 red 117-119, 121, 133, 134, 139, 160, 172	174	Wealth	72
1 117-119, 121, 133, 134, 139, 160, 172	, 173	Hobby syccational associations	.35
and surgical procedures	148	Hockey	37
		Hockey Hogs 1076, 1112, 1 Home appliances. See Appliances.	111
Sumbing equipment, etc.: s	.,	Home appliances. See Appliances.	
surnariy equipment, orc	1225	Home health care	.57
its1225,	1227	Homes, Con Housing, etc.	
ures for maintenance and repair	1229	Homestead entries on public land	50
uel	1226	Homicides	12
uel e	1304	Homicides Race and sex Honduras. See Foreign countries.	26
15	642	Honduras. See Foreign countries.	
price indexes	1198	Hong Kong. See Foreign countries.	37
le trade summary	1315	Horsepower 903. 1	108
age, by age and sex	183	Hong Kong. See Foreign countries.         360,           Horseback riding         903,           Horsepower         903,           Hospitals         152,           Average daily room charge         158,           Beds         155,           Foreign countries         156,	-16
iction and value	1154	Average daily room charge	15
tari	169	Beds	15
ns using, and seizures180, 181 pacific1139, 1140,	, 266	Pullifico permit value	138
pacific1139, 1140,	1142	Buildings and floor space	123
ather products (see also Leather and leather		Building permit value  Buildings and floor space  Charges and personal expenditures for132-135, 139,	577
te	1000		60
price indexes	735	Chronic disease         1201, 1202, 1           Construction         1201, 1202, 1           Cost to hospital per patient         158, 158, 158, 159, 156, 630, 631, 154, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 155, 156, 630, 631, 152, 152, 155, 156, 630, 631, 152, 152, 152, 155, 156, 630, 631, 152, 152, 152, 152, 152, 152, 152, 15	7
		Construction 1201, 1202, 1	120
ind deaths in costs n costs new construction 1201, and local government 462, 465	1000	Diagnostic procedures	15
n costs	1199	Discharges from 154.	16
new construction 1201,	1202	Employees	64
and local government	989	Earnings Projections	64
igovernment	, 400	Projections	.63
irnment	457	State and local government	46
f local government	437	Expenses 155,	15
vernment455	457	Foreign countries  Government	138
vernment	, 986	Government	15
government	435	Grants, foundations	60
y trust fund	. 987	Insurance: 137, 561, 563, Medicare program 576	56
systems	, 987	Benefits	57
982, 983,	1000	Persons covered	14
consumption	1003	Long-term	15
ade crossings and accidents	1017	Mental hospitals	16
trails, national forests	1118	Non-profit control 152 154	15
trails, national forests ontrol 982 ads travelled	, 983	Occupancy rate 155.	15
ads travelled	1000	Outpatient visits	15
ers, car loadings	1018		
n population (see also Minority groups):	,3/4	Prices, indexes Private expenditures, construction	.31
f sex1	6. 19	Profit control 152 154	15
0.6	15	Profit control 152, 154, Psychiatric 152, 154, Psychiatric 152, 155, Public expenditures	16
tomorphic and the particular and	170	Public expenditures 129 State and local government 130, 155, 158, 437, County governments State governments	-13
useholds owning	799	State and local government 130, 155, 158, 437,	45
birth rates	6, 94	County governments	.45
ider 16 years old 69	715	Receipts, revenues	132
birth rates 8 ider 18 years old 69 itmization arrange	273	Residents	15
arsons	586	Short-term155,	15
y income   202   19,715	166		
attainment 200	698	States 150, Surgical procedures 74, 152, Use, admissions, and patient days 153, 154, 156, Foreign countries Veterans, expenditures, and patients 165, 471, Ustels and other federal places.	15
19 715	716	Use admissions and patient days 153 154 156	16
		Foreign countries	138
haracteristics	6, 67	Veterans, expenditures, and patients 165, 471,	54
ning	102	Hotels and other lodging places:	
rance coverage	140	Hotels and other lodging places: Employees 642, 1299, 1 Earnings	52
s characteristics	8, 60	Franchises	131
681, 682, 690, 691	710	Gross national product, origin in	129
681, 682, 690, 691 690, 699, 700	, 702	Indexes of operations	132
III	, 697	Receipts Service industry: Summary	132
E and ample seast	303	Service industry: Summary	132
e and employment: d	810	Receipts	32
ustry, occupation	627	Hours and earnings (see also Salaries and wages and indi-	-
ed persons	658	vidual industries and occupations):	
le jobholders	618	Aircraft personnel	97
lations	630	Compensation by industry	.64
pation ratesand local governments	608	Earnings: Collective bargaining settlements	20
ployed 607, 619, 632	634	Educational attainment	20
membership	667	Manufacturing	.64

Table	Table
Hours and earnings—Continued Earnings—Continued	Housing and housing units—Continued
	Condominiums
Minimum wage rates	Apartments completed and rented121
Nonagricultural industries	0
Production workers, manufacturing, States	Cost         1200           Mortgage loans         1207           New units         1207           1207         1208           1201         1202           1201         1202           1201         1202           1203         1203           1204         1201           1205         1202           1201         1202           1201         1202           1201         1202           1202         1203           1203         1203           1204         1203           1205         1204           1207         1202           1207         1202           1207         1202           1207         1202           1207         1202           1207         1202           1207         1202           1207         1202           1207         1202           1207         1202           1207         1202           1207         1202           1207         1202           1207         1202           1207         1202
Union members         867           Wage and salary workers         577           Farmworkers         1088	New units 1207, 1208, 1210
Farmworkers 1068	Consumer price indexes
Indexes of payment	Foreign countries1401
U.S. and foreign countries	
Railroad employees 978	Characteristics
Year-to-year changes, earnings and compensation647	Expenditures
House of Hepresentatives401-404, 407	Equipment 1221
Farmioritars 1088 Indicates of payment 644 U.S. and foreign countries 1405 Industry groups 647 Railroad employees 978 Year-to-year changes, earnings and compensation 647 House of Representatives 401-404, 407 Housefurnishings (see also Appliances): Advertising expenditures 899-902 Manufacture, summary 1242 Retail sales 1301, 1302, 1305, 1307 Inventories 1307	Equipment: Telephone
Menufacture, summery	Fuel, utilities and public services
Inventories	House furnishings
Retail trade, summary1301, 1302	Shelter 656
Sales inventories	Farm
Sales inventories	House furnishings — 686 Shelter — 686 Shelter — 686 Shelter — 686 Shelter — 1219, 1221 Federal outleys — 1211, 1212, 1232 Federal outleys — 1211, 1212, 1232 Loans and mortgages — 1211, 1212, 1233 Loans and mortgages — 915, 1211, 1232 Floor space — 915, 1211, 1232 Homes, privately-owned, characteristics — 1211 Houses, purchase prices — 790, 791, 793, 1211, 1212, 1235 Federal Housing Administration (FHA) — 1212, 1235 Federal Housing Administration (FHA) — 1212, 1235 Home mortgage loans — 1232, 1233 Mortgages, nonterm homes — 1232, 1233 Mortgages, nonterm homes — 1232 Veterans Administration (VA) — 551, 792, 798 Minority races, occupants — 1233 Mobile homes — 915, 1213, 1214 Prices — 1214 New privately owned homes, characteristics — 1211, 1231 Seles — 1212 Nonterm:
Households or families (see also Housing and housing	I nene end mortnenes 1211, 1212, 1232
units)	Floor space 915, 1211, 1226
Assets	Gross housing products1219
Automobiles, ownership 1906, 1007, 1227	Homes, privately-owned, characteristics
Black58-60, 86, 67, 691-693, 695, 697, 699, 701	Loens and mortgages
Children under 18 years old 82, 65, 70	Federal Housing Administration (FHA)1212, 1235
Criminal victimization274, 275	Held by financial institutions
Earnings: Family relationship851	Mortososs, nonterm homes
Family type	Veterans Administration (VA)551, 792, 798
Educational attainment	Minority races, occupants1233
Elderly	MODE NOTICE
Female householder56-80, 62, 65, 68, 68-70	New privately owned homes, characteristics 1211, 1231
Flow of funds	Sales1212
income	Nonferm: Tenure (owner- or renter-occupied)
Age of householder692, 695, 697	Occupied units
Below poverty level40, 555	Financial characteristics
Earnings: Family relationship	Tenure (owner- or renter-occupied)
Educational attainment	Plumbing facilities 1221-1230
Femilies by States 706	Expenditures for maintenance and repair
Hispanic	Price indexes 1198
Husband-wife families704, 706	Prices, or costs
Families, by States	Homes1214
Multimedia users	Public housing, low rent units1208, 1221, 1234
Poverty556, 712-714, 716	Federal aid to State and local governments
Age	Recent home buyers, cheracteristics
Educational attainment719	Renter-occupied1218, 1223, 1224, 1230
Hispanic719	Seles 1215, 1217
States         61           Tenure         692, 697           Type of tamily         702, 704, 705           Type of household         695, 697	Serior citizens 1234 Structural type 1206, 1221, 1222, 1228, 1229, 1230 Tenure (owner- or renter-occupied) 692, 727 Tenure (owner- or rental-units) vacancy rates 727, 728
Tenure	Structural type
Type of household 695 697	Tenure (owner- or rental-units) vacancy rates727, 728.
Type of household	
Life insurance ownership	Vacancies         1221, 1230           Value (owner-occupied)         1218, 1222, 1224           Yeer built         915, 1221, 1236, 1230           Housing and urban development:         915, 1221, 1236, 1230           Budget authority and outlays         476           Employment         501, 502
Living arrangements	Vaue (owner-occupied)
Marital status of householder	Housing and urban development:
Married couples with or without own household55, 57-60,	Budget authority and outlays476
62, 65-68	Employment
Motor vehicles, ownership1006	Expenditures: City government
Net worth	State and local government437
One-person households 59, 60, 82, 73	Federal aid to State and incel governments
Outlying areas of U.S1416	Government finances
Married couples with or without own household	City government 450, 457 State and local government 447 State government 442 Federal aid to State and local governments 452 Government finances 452 Low-rent housing units 123
Projections 57	Revenue 431 Housekeping supplies expenditures 686 Human resources, Federal outleys as percent of GNP 470
Projections	Human resources, Federal outleys as percent of GNP
Hegion of nouseholder	Humidillers
States	Hunting and fishing
1 8X86 DEC	Human resources, Federal outlines as percent of Grey 47/4 Humidifiers 1227 Hungary. See Foreign countries. Human and techniq 360, 381, 365, 374, 375 Humicanes 344 Hydroelectric power 990, 991
Travel	Hydroelectric power
Wealth 728, 728 Housing and housing units (see also Households or	Capacity         930, 94           Consumed         904, 906, 909, 93           Production         904, 906, 909, 93           Hypertension         172, 173, 173
families):	Production 904, 906, 909, 930
Buildings permit value	Hypertension172, 173, 175

Index molin 88 ed.

Table Income-Continued Stack comments.

ı	Income—Continued Stock ownership, by income tax (see also Tax
n	\ Corporate
1116 ste data.	Returns, by asset cla Individual
illon. See Allens. late data.	Augusta tay by incom
1386	States State tax collections
to Deaths by cause, Disability, Disabled	Independent telephone of index numbers. See indiv- india. See Foreign country
leases)	India, See Foreign countr
om work, school166, 205	Indiana. See State data.
Interest   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171-173   171	Individual retirement acct Coverage
8, 9, 11, 45	Indonesia. See Foreign o
mission9	Industrial electronic equip
Un area of residence 32	Industrial production, inde
Matus 45	Foreign countries
9, 12	Industrial securities
	Industrial research and of Industrial securities
Tol activities	Infant deaths (see also D
tolations	Inflation. See Prices, co
	noexee.
7 children 168	Inhelents, persons using .
Oreign trade.	injuries Industrial
and prosecutions 284   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   168   1	I rangontation
ncome	Inmetes
ation	Jells
pendrures	institutional care facilities
y	Criminals
personal income	Jail Inmetes
	Criminale Jali Inmaies Mentally ill Mentally retarded
710	Under sentence of d
anditures915	Institutions. See Hospitals
inditures 915 40, 708, 1359 income 701	Prisoners Under sentence of d Institutions. See Hospital Institutions of higher educ Instruments and related p
1227	Foreign trade
8	Foreign trade
	Earnings
702 el attainment 703 40, 702	Earnings Expenditures, plant a
40, 702	Injury rates
696, 702, 703. 718	Stockholders' equity,
e perticipation	insurance as component
1005, 1007	estate and Social ins
718, 719	Advertising expenditure
705	estate and Social ins Advertising expenditure Automobile Insurance Casualty, marine, and f Employees and earning
nei product673	Employees and earning
690, 707	Payroll Establishments
	Establishments
	Flow of funds Foreign investments in Gross national product, Health and medical ins
al attainment	Gross national product
	industry injury rates
Aus	Industry injury rates Life insurance
al attainment	Life insurance
10   10   10   10   10   10   10   10	Mortgage insurance
ome	
Income 674, 683	Property loss
in farming1073	U.S. securities held by
fibution, percent change	Workers compensation insurance, Government. 3 insurance, medical care insurance, social. See So inter-American Developm
678, 682	ineurance, medical care
nd constant dollars661, 682	Insurance, social. See So
	Intercity traffic Interest:
679	Interest:
neumotion expenditures	National income compo
707, 709-712, 716	Federal Government
716 712 714 700	Debt
	War loans

Income—Commune	
income—Connewed Stock ownership, by income level Income tax (see also Texation): Corporate Returns, by asset class Individual Average tax by income level States State tax collections Independent telephone compense Index numbers. See individual auticides.	811
Income tex (see also Taxation):	400 400 40-
Corporate	430, 486, 487
Returns, by asset class	546
Average to by income level	0, 400, 490-493
States	400
State for collections	446
State ax collections independent telephone companies index numbers. See Individual subjects. India. See Foreign countries.	
index numbers. See individual subjects	
India. See Foreign countries.	
Indiana See State data	
Individual retirement accounts	726, 728
Coverage	567
Indonesia. See Foreign countries.	
Industrial and commercial enterprises, failures	832, 834, 835
Industrial electronic equipment, shipments	1347
Industrial injuries	167, 664
Industrial production, indexes	1249
Foreign countries	1406
Industrial research and development94	9, 960, 980, 983
Industrial securities	500, 500
Industry Con Compositions and Industry Industry	615
Industry. See Corporations and Individual Industry	M
Construction (new way need needs and design (steel)	61, 113-116
India. See Foreign countries. Indiana. See State data. Indiana. See State data. Individual retirement accounts Coverage. Industrial retirement accounts. Industrial end commercial enterprises, failures. Industrial injuries Industrial injuries Industrial injuries Industrial research and development. Industrial research and development. Industrial securities Industrial securities Industrial securities Industrial work schedules Industrial work schedules Industrial securities Industrial securities Industrial securities Industrial securities Industrial securities Industrial securities Industrial work schedules Industrial securities Indu	
indexes	a pice
Inhelents, nersons using	180 181
inkries 187 171	950 1017 1163
Inflation. See Prices, consumer, and Consum indexes. Inhelents, persone using Injuries 167, 171, Industriel 167, 171, Industriel 167, 171, Industriel 171,	167, 663, 664
Transportation	167. 980
Inmetee	304, 306
Inmetes Jale	303
Installment credit, consumer	795
Institutional care facilities	153
Institutional population	74
Criminals	306
Jel Inmetes	304
Mentally ill	165
Mentally retarded	164
Precioners	309, 311-314
Under sensence of death	311, 312
inessurons. See nospitals.	
hadbulana of blobar advantion. Can Edvantion	
Institutions of higher education. See Education.	
Institutions of higher education. See Education. Instruments and related products:	240 1250 1252
Institutions of higher education. See Education. Instruments and related products:  Foreign trade	349, 1350, 1362 1342, 1348
Institutions of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1352 1242, 1248
Institutions of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1362 1242, 1248 642, 1242, 1256 642
Institutione of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1352 1242, 1248 642, 1242, 1256 642
Institutions of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1352 1242, 1248 642, 1242, 1256 
Institutions of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1362 
Institutione of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1352 
Institutions of higher education. See Education. Instruments and related products: Foreign trade Menufacture	349, 1350, 1352 
Institutione of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1362 
Institutions of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1352 — 1242, 1248 642, 1242, 1256 — 642 — 1242 — 1242 — 1249 — 806 — 806 — 806
Institutions of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1362 
Institutions of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1362 —1242, 1248 642, 1242, 1256 642—1242, 1242 ———————————————————————————————————
Institutions of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1362 
Institutions of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1362 — 1242, 1248 642, 1242, 1256 642 — 1242 — 1242 — 1242 — 806 — 806 e, and real — 899—901 — 820 — 820 — 819 — 842, 783, 784
Institutions of higher education. See Education. Instruments and related products:  Foreign trade Menufacture.  Employees.  Earnings.  Expenditures, plant and equipment, new Injury rates.  Production indexes. Stockholders' equity, profit rates on. Insurance as component of saving Insurance business (see also Finance, insurance catate and Social insurance): Advertising expenditures. Automobile Insurance.  Casualty, marine, and fire Insurance.  Employees and earnings.	349, 1350, 1352 —1242, 1248 642, 1242, 1256 642 — 642 — 1242 — 1249 — 806 — 806 — 809 — 809 — 820 — 820 — 820 — 820 — 820 — 784
Institutions of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1362 — 1242, 1248 642, 1242, 1256 642 — 1242 — 1249 — 906 — 906 a, and real — 890 — 901 — 820 — 819 — 642, 763, 764
Institutions of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1362 1242, 1248, 642, 1242, 1256 642, 1242, 1242, 1242 1249 864 1249 806 806 809 819 820 819 842, 763, 764 764, 763, 764
Institutions of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1362 
Institutions of higher education. See Education. Instruments and related products:  Foreign trade	349, 1350, 1362 —1242, 1246 642, 1242, 1256 642, 1242, 1262 ———————————————————————————————————
Institutions of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1362 1242, 1248, 1248 642, 1242, 1256 642, 1242, 1264 1249 800 800 800 800 800 800 800 80
Institutions of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1362 —1242, 1248 642, 1242, 1256 642, 1242, 1256 642, 1249 —808 —808 —808 —808 —809 —809 —809 —810 —820 —809 —764 —766, 766 —764, 783, 784 —768, 786 —764, 786, 786
Institutions of higher education. See Education. Instruments and related products: Foreign trade Manufacture. Employees. Earnings Expenditures, plant and equipment, new Injury rates. Production indexes. Stockholders' equity, profit rates on. Insurance as component of serving. Insurance business (see also Finance, insurance catate and Social insurance): Advertising expenditures. Automobile Insurance. Casualty, marine, and fire Insurance. Employees and earnings. Payroll. Establishments. Flow of funds. Foreign investments in the U.S. Grose national product, origin in. Health and medical insurance. Life insurance.	349, 1350, 1362
Institutions of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1362
Institutions of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1362 1242, 1248 642, 1242, 1256 642, 1242, 1262 642, 1242 1242 8064 1249 806 806 807 809 809 810 820 810 820 842, 763, 784 784, 789, 789 1334, 1335 782 0, 141, 821, 822 814, 816, 818
Institutions of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1362 
Institutions of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1362 —1242, 1248 542, 1242, 1256 542, 1242, 1256 642, 1842, 1842 —884 —886 —886 —886 —886 —886 —886 —876 —784 —786, 786 —784 —784, 785 —814, 816, 818 —814, 816, 818 —816, 818 —816, 818
Institutions of higher education. See Education. Instruments and related products: Foreign trade Employees Employees Earnings Expenditures, plant and equipment, new injury rates Production indexes Stockholders' equity, profit rates on insurance as component of seving insurance business (see also Finance, insurance case component of seving insurance business (see also Finance, insurance Casualty, merine, and fire insurance Employees and earnings Payroll Establishments Flow of funds Foreign investments in the U.S. Gross national product, origin in Health and medical insurance Life insurance Expenditures In force Mortgage insurance Mortgage insurance Mortgage Property and liability Property loss	349, 1350, 1362 1242, 1248, 1248 642, 1242, 1256 642, 1242, 1256 1242 984 986 986 898 998 898 901 820 898 901 842, 763, 764 764 766, 768 1334, 1335 762 90, 141, 621, 622 90, 141, 621, 622 90, 141, 618, 618 818, 818 818, 818
Institutions of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1362 — 1242, 1248, 1246, 642, 1242, 1256, 642, 1242, 1256, 642, 1249, 805, 806, 806, 806, 806, 806, 806, 806, 806
Institutions of higher education. See Education. Instruments and related products: Foreign trade Manufacture. Employees. Earnings. Expenditures, plant and equipment, new Injury rates. Production indexes. Stockholders' equity, profit rates on. Insurance as component of serving. Insurance business (see also Finance, insurance catate and Social insurance): Advertising expenditures. Automobile Insurance. Casualty, marine, and fire Insurance. Employees and earnings. Payroll. Establishments. Flow of funds. Foreign investments in the U.S. Grose national product, origin in. Health and medical insurance. Life insurance. Mortgage insurance. Mortgage insurance. Mortgage insurance. Mortgage insurance. Mortgage insurance. Wortgare compensation psyments.	349, 1350, 1362 —1242, 1246 642, 1242, 1256 642, 1242, 1269 ————————————————————————————————————
Institutions of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1362
Institutions of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1362 —1242, 1248 642, 1242, 1256 642, 1242, 1269 —808 —808 —808 —808 —809 —809 —809 —80
Institutions of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1362 
Institutions of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1362
Institutions of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1362 1242, 1248 642, 1242, 1256 642, 1242, 1256 1242 984 980 808 809 809 809 809 819 842, 763, 764 784 786, 768 1334, 1335 818, 818 818, 818 818, 818 794 770 584 784 784 814, 818 818, 818
Institutions of higher education. See Education. Instruments and related products: Foreign trade	349, 1350, 1362
Institutions of higher education. See Education. Instruments and related products: Foreign trade Menufacture. Employees. Earnings. Expenditures, plant and equipment, new Injury rates. Production indexes. Stockholders' equity, profit rates on Insurance as component of serving. Insurance business (see also Finance, insurance estate and Social insurance): Advertising expenditures. Automobile Insurance. Casualty, marine, and fire Insurance. Employees and earnings. Payroll Establishments. Flow of funds. Foreign investments in the U.S. Grose national product, origin in Health and medical insurance. Life insurance. Expenditures. Mortgage insurance. Mortgage insurance. Mortgage insurance. Workers compensation payments Insurance, Government. See Social insurance, Insurance, medical care. Life, 129, 130, 13 Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, insurance. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, medical care. Insurance, m	349, 1350, 1362 — 1242, 1248 642, 1242, 1256 642, 1242, 1269 — 808 — 808 — 808 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809 — 809
Instruments and related products: Foreign trade	349, 1350, 1362
Instruments and related products: Foreign trade	349, 1350, 1362
Mentally retarded Prisoners   Under sentence of death   Institutions. See Hospitals.   Institutions of higher education. See Education. Institutions of higher education. See Education. Institutions of higher education. See Education. Institutions of higher education. See Education. Institutions of higher education. See Education. Institution of higher education. Institution of higher education. Institution of higher education. Institution of higher education. Institution of higher education indexes. Stockholders' equity, profit rates on Insurance as component of seving. Insurance estate and Social insurance): Advertising expenditures. Automobile insurance. Automobile insurance. Casually, merine, and fire insurance. Employees and earnings. Payroll. Establishments. Flow of funds. Foreign investments in the U.S. Gross national product, origin in Health and medical insurance. Information. Insurance. Mortgage insurance. Mortgage insurance. Mortgage insurance. Mortgage insurance. Mortgage insurance. Mortgage insurance. Mortgage insurance. Mortgage insurance. Mortgage insurance. Insurance, medical care 129, 130, 13: Insurance, medical care 129, 130, 13: Insurance, medical care 129, 130, 13: Insurance, medical care 129, 130, 13: Insurance, medical care 129, 130, 13: Insurance, accid. See Social insurance. I	349, 1350, 1362

	Table	Table
Interest—Continued		Jamaica. See Foreign countries.
Receipts:		Japan. See Foreign countries. Japanese. See Minority groups.
Corporation income tax returns	471	Japanese. See Minority groups.
Individual income tax returns		Jeweiry: Advertising expenditures899, 900
Internal revenue collections (see also Taxation)487	488	Manufacture, employees
		Retail sales1308
Internal waterways, traffic	.1038	Retail trade summery
International affairs:		Jewish population. See Religion.
Balance of trade	. 1342	Job Corpe
Consumer prices indexes and percent changes	1400	Jogung309, 379
Consumer proces, mounts, and percent cranges	1401	Jordan. See Foreign countries. Judicial and legal
Federal expenditures	471	.turicial ecosica (Forteral):
Foreign exchange rates	.1417	Budget outlays and authority476
Foreign investments in U.S		Employees and payrolls 494, 501, 502 Expenditures 471
Gross national product		Consumption 185 186
Growth rate, economic	1406	Consumption 185, 106 Jute and jute manufactures, foreign trade 744
International transactions, U.S	1331	Juvenile correction facilities74, 301
Receipts and payments for transportation	. 1035	Juvenile court, cases handled
Revenue losses due to Federal tex lews		Juvenile delinquency
Schools and education, expenditures	1341	
U.S. investments 1329	1336	K
U.S. investments 1329 International Bank for Reconstruction and Development International Development Association	1338	•
International Development Association	. 1336	Kanaga. See State data.
International Finance Corporation	. 1338	Kentucky. See State data.
International investment position, U.S	1330	Kenya. See Foreign countries.
Interrecial marriages	50	Keogh returns: Payments to490
Interracial marriages		Payments to
DUSTINES	9. O/ 1	Kerosene, production1197
Iron and steel industry	. 1275	Kiwi fruit 1110 Knit-goods, menufacture 642, 1242
Manufacturers'	1248	Kingtoos, reproducting 542 Korea, See Foreign countries. Kuwait. See Foreign countries.
Retail trade	1161	Korea. See Foreign countries.
Wholesale trade	. 1314	Kuwalt. See Foreign countries.
Investments (see also Capital stock and Securities): Foreign, in U.S1329, 1330, 1332, 1334,		
Foreign, in U.S1329, 1330, 1332, 1334,	1335	•
Manufacturing industries	. 1254	Ļ
Life insurance companies	1246	Laboratories, medical and dental1320
Nonresidential, by structure	850	Labor force employment, and earnings (see also individual
Private domestic, gross	8, 679	industries or occupations:
Private domestic, gross	475	Industries or occupations): Aircraft industries
U.S. Government obligations	0, 778	Average pey, States650
U.S. international	1335	Benefits and benefit plans, group health insurance
Iran. See Foreign countries.		Civilian labor force:
Irac. See Foreign countries. Ireland (Eire). See Foreign countries.		Age, race, sex607-609, 611, 614
Ireland (Eire). See Foreign countries.		Displaced workers
Iron:		Employed
Ore     1153, 1154, 1159, 1180, 1182, 1184, 1179,       Foreign trade     1162, 1179       Mining industry     1153, 1154, 1159, 1180, 1182, 1179       Output per hour Index     1153, 1154, 1159, 1180, 1182, 1184, 1179	1240	Multiple jobholders618
Mining industry 1153	1164	Not at work 613 Persons working at home 616
Output per hour index	643	Projections 806
PTICES	. 1159	States 610 Women who gave birth in previous year 93, 94 Worldife expectancy 606
Imports	744	Women who gave birth in previous year
Production	11/9	Worldlife expectancy
Pla production	1373	Workers on flexible schedules 617 Work schedules 615
Pig. production	187	Collective hemeining settlements 464 659-661
Iron and steel products (see also Metals and metal	1	Collective bargaining settlements 464, 659-661 Computer services 1319, 1324
products):		Computers, employment projection in
Consumption Foreign countries, steel	. 1407	Construction industry
Foreign countries, steel	. 1407	Corporations and merchandising time
Manufacture	1242	Data concession services 830 831 1310 1324
Cepital appropriations and expenditures	1252	Defense related employment515
Employees	. 1242	Placehood names 500
Earnings	642	Earnings and compensation, year-to-year change
Expenditures for plant and equipment, new853 Export (scrap) prices	. 1242	Earnings, wage and salary workers
Output per hour indexes	/44	Mailinto inhibations 618
Production 1180	1277	Multiple jobholders 618 Union membership 657
Production 1160 Shipments 1276	1278	Employee benefits568, 656, 657
Producer price indexes735	, 1198	Employment cost index655
Production, U.S. as percent of world	, 1277	Employment projections:
World production (crude steel)1373, 1407		By industry 631 By occupation 626
Irons, electric	. 1063	Employment status:
Israel. See Foreign countries.	,	Adult education participants
Italy. See Foreign countries.		Age, race, sex611, 614
Ivory Coast. See Foreign countries.		Earnings by sex
		Educational attainment
J		Age of children
		Age of children 624 Marital status 623, 624
Jack meckerel		Full-time, part-time 614 High school graduates, dropouts 230
Jeils	2, 303	High school graduates, dropouts230

1	able	Table
abor force employment, and earnings—Continued		Labor force employment, and earnings—Continued
Employment statue—Continued		Unemployed workers (see also Unemployment)—Contin-
Participation rates	. 805	ued
School enrollment, persons 16 to 24 years old	. 621	Length of unemployment647 Race
States	610	Reason633
Participation rates  Wives, by age of youngest child  School enrollment, persons 16 to 24 years old  States Engineers and scientists Engineers and scientists Farm, See Farmers and farmworkers. Farm population  1053,	965	Sev 807 810 811 814 828 832
Ferm noculation 1053	1055	States
Flexible schedules	.617	Union membership
Food and fiber sector Foreign companies, U.S. affiliates Foreign countries	1052	States 1317 Women in the labor force. See Women.
Foreign companies, U.S. annetes	1333	Women in the labor force. See Women.
Foreign_owned firms	1335	Workdays lost
Governmental. See Government. Health occupations 626,		Work acherules 615
Hein wanted educations	627	Work schedules 615 Work stoppages 682
Help wented advertising High school graduates and dropouts Higheric origin population607, 606, 619, 629, 630,	.230	Youth employment programs
Hispanic origin population607, 608, 619, 629, 630,	632,	Labor management relations
Multiple jobholders	634	Labor strikes
Union membership	.016 <b>667</b>	Labor unions659-861, 665-667
Indexes of compensation	.644	Collective bargaining settlements659-651
Industry group: Deaths on the job		Lamb and multon (see also Meet and meet products) 184
Earnings	646	Lamb and mutton (see also Meet and meet products)
Earnings 642, 763, Earnings 642, 763,	1290	Land (see also Ferms and Public lands):
		Area:
Employment projections	891	Constal 26
Injuries.	.663	National parks         357-359           Outlying areas of United States         318           United States         1, 504           Farmland         320, 323
Injury rates	.664	Outlying areas of United States
imernational comparisons1402,	1275	Ferminal 320 323
Job openings and placements	.639	Irrigated1063
Judicial and legal	. 266	Federal land 504, 505
Injures Injury rates Injury rates International comperisons 1402, iron and steel industry Job openings and placements Judicial and legal Manufacturing Industries 631, 640–642, 645–648, Migratory workers	1088	Foreign investors
Minority races:		Ownership
Schools and education	230	Parks
Enforment in preprimery school	.194 870	States 323
Multimedia users Multiple jobholders	.618	
Nonegricultural industries: Employees 642, 763, Hours, semings 640, 642,		Lacs. See Foreign countries. Lacenry, lerceny-theft
Hours seminos 840 842	848	Larceny, larceny-theft261-266, 270, 271, 274
States	641	Left
States	242,	Laundry appliances
Occupational groups (see also Occupations)	1244	Cautility, Calabaid, and Cartillary Salvical.
Cocupational groups (see also Occupations)	-63U	Franchises 1312 Receipts 1321
Sex, race, and educational attainment	.626	Summery 1320
Earnings Sex, race, and educational attainment On U.S. merchant vessels Outlying areas of U.S. 1366, Participation rates 622 Merital status 622	1047	Law, degrees conferred
Participation rates 608, 810, 622	-626	
Markel status 622	-625	Adults under correctional supervision
		Black elected law enforcement officials
Sex, and States	.610	Capital punishment311-314
Police protection 286,	289	Corrections
Postal employees, by type	.874	Employment 289
Production workers:	840	Employment 289 Executions 313, 314
Production workers: Earnings Menufacturing industry 1241, Earnings, States	.042 1242	Expenditures
Earnings, States	.649	Inmate characteristics 304
States	1244	Juvenile delinguency
Retail trade 1300	1302	Payroll
Kind of business 1301	1302	Police officers
Scientists and engineers	964	Police protection 289
Service industries1315, 1319,	1326	Employment
States Productivity	.559.	Immate characteristics
580, 562	574	Prison sentences, by offense
State and local government. See Government. States		Prisoners under sentence of death
Averene nev	arn .	Prisons and prisoners
Civilian labor force	. 810	Public officials, prosecutions 299
Civillan labor force Nonegricultural establishments Unemployed	. 641	Wiretaps
Unemployed	636	Payroll
Union membership	487	Employment 290, 291
Telephone company employees Timber-besed industries, earnings Transportation industry, 366 Unemployed workers (see also Unemployment)606,	.682	Employment
Transportation industries, earnings	1121 978	Lead and zinc ores, mining industry
Unemployed workers (see also Unemployment) 606.	807.	Less, summery1153, 1154, 1159, 1162, 1181
<b>M35</b>		Foreign trade
Age	814	Mining industry
International comparisons	, 519 1404	Prices, New York and London747, 1159, 1181 Production and supply1154, 1181

	Table		Table
Lead, summary—Continued		Loans and mortgages (see also Debt):	
Water quality World production	329	Benks	91, 792
World production1160, 1	181, 1408	Construction loans	/90 MC7 700
Leases, permits and ilconses, public lands	50/	Credit unions	787
nundrate and Ecopases.	#10 res	Delinquency rates	794
products and Footwear): Foreign trade	350, 1352	Delinquency rates	
Manufacture 642, 1	1242	Faderal credit agencies Federal government loans Federal Housing Administration 7 Finance companies Foreclosure rates	792
Employees 642, 1	242, 1256	Federal government loans4	82, <b>56</b> 3
Earnings	642	Finance companies	700
Injury rates Expenditures for plant and equipment, new	1242	Forecineure rates	794
Production indexes	1249	Foreign countries Foreign countries Held by financial institutions 7 Home mortgage loans 79 Insurance companies 77	794
Production indexes Producer price indexes Lebenon. See Foreign countries.	735	Held by financial institutions7	90, 795
Lebanon. See Foreign countries.		Home mortgage loans79	0, 1274
Legal services:			
Advertising expenditures Employees Establishments, employees, psyroli	200 1220	Minority-operated small businesses Minority-operated small businesses Mortgages, confarm homes	797 790
Establishments, employees, peyroli	1320	Minority-operated small businesses	868
Projections	631	Mortgage companies	792
Gross Nellocal Drocket	1208	Mortgages, nonfarm homes791, 7	93, 805
Receipts, revenues	1321	Mortgage pools	<u>792</u>
Receipts, revenues Legislative service (Federal): Budget authority and outleys	478	Personal loans	792
Expenditures	471	Purchases and sales	85. 787
Expenditures. Legislatures, State, composition. Leisure activities. See Recreation.	413, 414	Sevings institutions	86, 792
Leisure activities. See Recreation.		Veterans5	51, 791
Lamons	1110	Veterans Administration	794
Leisure activities. See Recreation. Lemone	133/	Sevings and loan institutions	0, 1142
Leaotho. See Foreign countries.		State and local government.	
Lettuce	749, 1109	Locomotives (railroad)	1017
		Lodging industries, summery123	7, 1323
Liberia. See Foreign countries. Libraries		Logging camps and contractors, earnings	1121
Dy have	258-260	Lonenes	447
College and university	245 258	I cuisione. See State data	1200
Elementary and secondary schools; media centers	218		
By type College and university Elementary and secondary schools; media centers. Employees, city government. Geneta foundations	486	Luggage, manufacture  Lumber and allied products:  Consumption	1242
		Lumber and allied products:	
Patron use of computers	250	Consumption	1123
Libya. See Foreign countries. Licensed drivers, by age groups	1001	Employees	1121
Licenses, permits, etc.:		Foreign trade	0. 1352
Licenses, permits, etc.: Drivers iconses, by States	991	Earnings Foreign trade	1040
Fishing and hunting	377	Manufacture	1242
Public lends	507	Consumption112	2, 1126
I lie expectancy	106_109	Famina	4, 1200
Foreign countries	436, 1439	injury rates	864
States	108	Expenditures, new plant and equipment	1242
Public lands Taxes Life sepectancy Foreign countries States Life insurance Assets, seming rate, liabilities, etc	814–818	Production 1122, 1126, 112	8, 1249
Assets, earning rate, technicis, etc	, 814, 815	Model	1249
Acquisition of investments	815	Stocks	1126
Flow of funds	765-768	Stocks 112	4. 1125
Mortgage loans outstanding	793	Import 735, 112 Producer indexes 735, 112 Railrod car loadings of 9101 Retail sales 130	744
Ownership by households and adults	817	Producer indexes	4, 1260
Heserves765, 767	, 788, 814	Railroad car loadings of101	8, 1019
Decrees conferred	965 257	Potel trade summers	1202
Employment	981.982	Retail trade summary Wholesale trade 131: Sales inventories	5. 1316
Graduate students	967	Sales inventories	1316
Light and power. See Electric lights, etc.		Summery	1315
Lighting equipment, menutacture	1242		
Production and value	1164	<b>M</b> ·	
Limes	1110		
Liquefied petroleum gases	1171	Macadamia nuts	1110
Liqueted petroleum gases Liquers and beverages (see also Malt liquers) Advertising expenditures	262, 1263	Macao, population and area	1378
Advertising expenditures	<del>899-9</del> 01	Machine tools127	9, 1340
Alcoholic beverages Consumer expenditures	000, 044 888, 480	Machinery (see also inchirity of deseath	12/9
Foreign countries	1390	Fernings her share	867
Foreign countries	-181, 166	Exports, U.S. as compared to world	1253
Drinking ages	449	Farm, expenditures for and number on	1006
imports	1350	Ferm input Indexes108	5, 1086
Prices	744	Macademia nuts	B-1350
		Manufacture	1252
Retail trade summary	301, 1302	Capital appropriations and expenditures Corporation sales, profits, and dividends Employees Earnings 64:	80, 867
Revenue, State and local governments431	, 440, 442	Employees 64	2, 1242
Stores, Government finances	, 442, 455	Earnings	642
Cutput per hour, index	643	Injury rates	554
Wholesale trade	40 /	Earnings Injury rates Scientists and engineers Expenditures, plant and equipment, new Production indexes Besserch and destinament	<del>200</del>
Seles inventories	1318	Production indexes	1249
Summery	1315	Research and development	964
Livestock. See Animals, domestic, and individual cla	2006.	Research and development	8, 1278
Living cost. See Consumer price Indexes and Prices.		Stockholders' equity, profit rates on	886

925

Table	Table
Machinery—Continued	Manufacturing industry (see also individual industries)
Manufacture Continued	Continued
Wholesale trade, summary 1315, 1316 Producer price indexes 735 Sales inventories 1316 Return on equity 667 Mackerel, Pacific 5716 Mategascer. See Foreign countries. Magazine advertising expenditures 897-899 Macrossim	Gross product
Producer price indexes735	income and receipts825, 848
Sales inventories	income tax returns: by asset-eize
Mackagel Pacific 1140 1142 1145	investments
Madagescer, See Foreign countries.	Lagging indicators664
Magazine advertising expenditures897-899	
	Orders and shipments1247
Consumption	Leading indicators
Production and value 1154 1191	Output as reason to capacity
Production, U.S. as percent of world	U.S. and foreign countries
Shipments of mill products and castings1276	Partnerships         629           Payrolle, industries         1241           Setes         1244           Pollution abstement         340, 343
World production1160, 1191	Payrolls, industries1241
Mell (see also U.S. Postal Service)	States
Mail-order houses 1301, 1302, 1308, 1307	Producer price indexes 734
Consumption	Production indexes
Maleria 169	Productivity and related indexes
Malevi. See Foreign countries. Maleysis. See Foreign countries. Maleysis. See Foreign countries. Male householder. See Households or families.	Profits
Mela householder. See Households or families	Sales 857 860
Mell. See Foreign countries.	Securities issued 805
Malignanciae, new cases, survival rates, type	Shipments1241, 1248, 1256, 1260, 1297
Maintractice insurance, medical	Solid waste disposal
Malt liquors (see also Liquors and beverages)1252, 1253 Consumption166	Space venicle systems
Melts. See Foreign countries.	Pollution sbetement
Malta. See Foreign countries.  Menagement and public relations services	Value added 1241, 1242, 1244
Managers. See Proprietors, etc.	Wages and salaries 678, 1240, 1242, 1244
Manganese: Foreign trade1182, 1195	Mergarine
roregn #8091182, 1195	Marinuma, persons using
Import prices	Marine Communication, private radio stations 525, 530, 531, 534, 540
Production and value1154, 1195	Active duty personnel and dependents
World1408	Personnel, desertion and AWA rates539
Production and value	Reserve costs
Manutacture, output per nour moex	Markel status of population
Manufactured products (see size individual products):	By presence of children 62
Exports, U.S. as compared to world	Couples with or without own household
Foreign trade1343, 1344, 1348	Employed persons
Individual commodities1349, 1360	Female householder
Cuentity and value indexes 1943	Hispanic population 602
World production 1373	Householder status 55, 60
Manufacturers' excise taxes	Interracial couples
Manufacturing industry (see also individual industries)1332,	Labor force participation rates
1336	Members of Congress410
1338   Assets, profits, etc.	Single persons, by age and sex 49
Capital appropriations and expenditures	Elderly40
Capital expenditures1241, 1242	Sex and age
34.00 1677	Unmarried couples54
Cepital, fixed	Workers on flexible schedules
Coincident indicators	Marriage and divorce (see also Marital status)
Collective bargaining settlements	Median age at first marriage
Net stocks 1246 Coincident indicators 671 Collective bargaining settlements 659, 660 Companies, capital 1251 Corporations 625, 626 Corporations, partnerships, and proprietorships 825 Depreciation 1246 Employees 630, 640, 642, 832, 1241, 1242, 1255 Corporations 630, 640, 642, 832, 1241, 1242, 1255	Householder status
Corporations 825, 626	Hates
Corporations, partnershape, and proprietoralips	States 128
Employees 630, 640, 642, 832, 1241, 1242, 1256	Married couple. See Households or families.
Compensation 645	Married couple. See Households or families.  Married persons. See Marital status.
Employees 630, 640, 642, 632, 1241, 1242, 1200 Compensation 645 Displaced workers 637 Earnings and compensation, year-to-year changes 877 Earnings 640, 642, 649, 848 States 640, 642, 649, 848	Martinique, population and area
Earnings and compensation, year-to-year changes 847	Maryland, See State data. Massachusetts. See State data.
Stotes 840 1244	Massachusetts. See State data.  Maternal and child health service, expenditures for
Hours 640	
Hours 640 Industries 642, 1242, 1256	Mathematics:
Injury rates	Employment 961, 962, 965, 966
Injury rates	Salary offers 212 253
Employment cost index841, 1257	Salary offers
Employment cost index 685 Employment projections, industries 631 Energy consumption 918	
Energy consumption	Measles
Establishments	Meastes
Expenditures:	Federal inspection
Plant and equipment, new	Foreign trade
Industry groups 1242	Manufacture 1242
States 1244	Employees
	Production
Corporate philanthropy	Production
Corporate philanthropy	
Merchandialing sales, by group rank	Producer price indexes735
FORMON INVESTMENTS IN U.S. 1332 1334 1335	Retail price Indexes

Ta	olde	1	Table
Meet and meet products (see also individual meets)Continu		Metropolitan areas—Continued	
Retail trade1	301	Housing prices	
Medicaid:		Vacancies	1230
Medicatic Coverage, recipients 140, 566, 557, 579, Expenditures 136, 563, 556, 578, Nursing homes 162, 163, Medical care (see also Health care and Health insurance): Diagnostic services Expenditures for 130–136, 139,	580	Year built	1230
Number homes 182 183	55U 580	Mnees Immigrants admitted	. 1/1
Medical care (see also Health care and Health insurance):	~~	Land area	<b>ວ</b> ັດ
Diagnostic services	148	Land area Office construction Population 30, 31, 3	1236
Expenditures for	556	Population 30, 31, 3	3. 34
Per capita	132	Price Indexes Residential rent, Indexes	.750
Earniment and charges	621 679	Residential rent, Indexes	766
Expenditures for	133	Mexican. See Hispanic origin.	
Price indexes, consumer	136	Mexican war, cost	.522
Medical instruments, manufacture	242	Mexican. See Hispanic origin. Mexican War, cost	
Employees and earnings 738, 740, Medical research 130,	642	Micro-computer use in schools	-220
Price Indexes	/41	Microphones	1296
Medical schools:	131	Microwave ovens1296,	1297
Foreign graduates	143		
Number, students, graduates 143,	256	Ferm	1053
Foreign graduates	627	Microton workers	20
Medical services: See Health and medical services.		Migratory workers	1340
Benefit payments expenditures129, 130, 131, 136, 5		Military expanditures, worldwide	517
676 :	579 679	Foreign countries	1424
Contributions	564	Military personnel, U.S., on active duty	. 526
Rates	563	Military services, supplies (see also Veterans affairs)	. 525
Rates	578	Foreign countries  Military personnel, U.S., on active duty.  Military personnel, U.S., on active duty.  Military services, supplies (see also Veterans affairs).  Casualties	534
Persons served	576	Construction, value of buildings	502
Medical research	130	Evneratives 600 610	516
Nursing nomes (skilled nursing facility) 162,	163		
Trust fund	901 677	Pay rates	.538
Medicines See Drums and medicines	3//	Payroll 516.	529
Medicines. See Drugs and medicines. Melons	100	Personnel	-532
Membership organizations 1	320	Foreign countries	. 531
Membership organizations 1 Membership sports and recreation clubs 1 Members of Congress. See Congress, U.S. Memorials, national Menhaden 1139, 1140, 1 Menhaden 1139, 1140, 1	320	National Guard	. 542
Members of Congress. See Congress, U.S.		Procurement actions Sales to foreign countries	.529
Memorials, national	358	Procurement actions	. 514
Menhaden1139, 1140, 1	142	Selective service, inductees	.524
Mental health	169	Pu war	.555
Montel boselists	460	Milk creem and other delay products:	. 35-
Mentally reterried	184	By war	186
Mentally retarded  Merchandise. See Foreign trade and General		Expenditures, consumer	880
Merchandise. Merchant vessels 1 Employment and wage scale 1 Foreign countries 1 Number 903, 1043, 1049, 1		Prices	
Merchant vessels 10	045	Prices, Retail	1116
Employment and wage scale1	047	Wholesele Producer price Indexes Production	1116
Foreign countries1	091	Producer price Indexes	.736
Horsepower	1001	Production	1116
l cet	060	Sales Millnery	1110
Tonnece	044 044	Millionaires. See Wealth.	242
Tonnage 11 World 1061, 1 Merchant wholesalers 1315, 1	373	Millwork:	
Merchant wholesalers 1315, 1	316	Employees and earnings	1121
		Manufacture, summary	1242
Mergers and acquieltions	843	Producer price indexes	1198
Mergers and acquisitions 642, i Mercury (quicksilver) 1154, 1160, 1' Metal mines. See Mining and smelting. Metals and metal products (see also individual metals)10	164	Milo. See Sorghum for grain.	ee=
Motels and motel products (see also indicated material and	110	Mineral land, public	507
1153, 1154, 1156, 1159, 1160, 1162, 11	10,	minimum and minimum products (see and mining and smer-	
1103, 1104, 1100, 1109, 1100, 1162, 11	240	ing and individual minerals): Employees	150
Employees in mineral industries		Average comings	150
Foreign trade	352	Average earnings	1411
Foreign trade	164	Foreign trade 1162, 1 Waterborne commerce 1162, 1 Fuels, production and consumption Imports as percent of consumption Industries, summary 1163, 1 Menufacture, summary Nonmetallic minerals 1150, 1162, 1154, 1158, 1 Foreign countries Industries 1150, 1162, 1154, 1158, 1	1040
Manufacture (see also individual industries)	242	Fuels, production and consumption	904
Corporation sales, profits, and dividends	860	Imports as percent of consumption	164
Employees 842, 1242, 12	258	Industries, summery1153, 1	157
Earnings	642	Manufacture, summary	242
Injury rates	004	Production 1150 1152 1154 1156	1160
Expenditures: Plent and equipment new 853 15	242	Foreign countries	410
Expenditures: Plant and equipment, new	954	Indexes	249
Stockholders' equity, profit rates on	866	Value	1158
Producer price Indexes735. 1	198	Value	1408
Production and value1152, 1154, 1	160	Strategic and critical materials	161
Indexes of production1152, 12	249	Value	150
world production	408	wnoissale prices747, 1	150
Chiomacta of metal products	U19	Producer price indexes Wholesele trade sales inventories	./30
Sort market orice indexes	2/ <b>9</b> 724	Summery	316
Wholesele prices	150	Minimum wage rates	664
Spot market price indexes Wholesale prices 11 Wholesale trade, summery 1315, 13	316	Minimum wage rates	
Metalworking mechinery:		Assets	1157
Metalworking machinery: Exports	349	Corporations, partnerships, and proprietorships825,	626,
Manufacture 1	242		860
Metropolitan areas:		Employees	255
Air traffic hubs1	025	Compensation 640, 642,	645
Employment, government	495	Earnings640, 642,	646

Tabi	e Table
Mining industries—Continued	Molecos
Employees—Continued	
Hours 64	7 Production and value 1162
Injury rates 683, 66 Production workers 1150, 124	T Wanta mandratan 4400
Production workers	Monetary system and banks, flow of funds765, 786
Expenditures	7 Money (see also Banks and Money rates)1419
Plant and equipment, new853, 1150, 1153, 115	7 Money market accounts, funds
Foreign countries production 141	0 Money merket rates
Foreign investments in the U.S	5 Money orders799
Gross national product originating in 115	1 Money orders (postal)
Gross product	U Money rates: 4 Discount Coderni Deserve Bank of New York 802
Industrial summery	3 Merket 803, 1419
	3 Money supply 800
Investments	6 Montane. See State data.
Output per hour64	9 Morbidity
Partnership 82.82 Payrolls 832, 1153, 115 Production and consumption 115	5 Morocco, See Foreign countries.
Production and consumption115	5 Morocco, See Foreign countries. 0 Mortgage companies:
Production indexes	
Sales	Mortgage companies:  Mortgage loans, purchases, and sales
Unemployment rate	Mortgages. See Loans and mortgages.
Wages and salenes	
Wages and selectes 67 Minnesota. See State data. Minority groups (see also Black population and Hispanic	Motion picture industry:
population): Abortions	Earnings 642
Abortions	6 injury rates
AIDS 17 Births, and birth ratee 83, 64, 66, 94, 98, 9 Businesses operated by, loane 65 Children immunized against disease 16 Cities 3	O Gross National Product, origin in1298
Rusinéeses operated by Joens A6	R Theotors 1320
Children immunized against disease	8 Theaters
Cities	6 Advertising expenditures
Contraceptive use 10 Deaths and death rates 109-11	0 Consumption:
	Motor vehicles   1003   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009   1009
Federal, civilian	3 Expenditures
High school graduates and dropouts23	0 Prices, retail
Family characteristics	6 PT00UCB001100, 1107
Farm population 105 Fertility, lertility rate 82, 95-8	7 Taxes 442, 487, 988, 1008
Firms owned: Asian-owned	30.70
Asian-owned64	0 Motor homes995
Black-owned 64 Hiepanic-owned 84	0 MORDY VERBCIES 919, 978, 979, 980, 1003, 1007, 1011, 1013,
Women-owned	0 Accidents/deeths 122 123 980 997-899
Women-owned 84 Households, characteristics 58-6	Note   National Street   Nat
Labor force 69 Earnings: Wage and salary workers 65	8 Advertising expenditures 900-902
Employment:	Common cerriers 979 1011-1013 1015 1018
Employment: By industry 63	O Declars, franchises
By occupation 62 Occupation by sex and educational attainment 62	7 Desert, manchese   1312   1313   1314   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   1315   13
Occupation by sex and educational attainment	Licensed drivers, by age group
Union membership 66 Employment status 80	7 Farm cumber on 1006
Age61	Foreign trade 990, 1344, 1349, 1360
Age	7 Fuel consumed
Unemployed, unemployment rate605, 607, 611, 611	4 Horsebelde
Friucational attainment 821, 032, 63	4 Incurence 819 820
621, 632, 63 Educational attainment	Insurance
Merital status	1 Capital appropriations and expenditures
Metropolitan areas	Corporation sales, profits, and dividends
Multimedia users 87 Occupations 827, 62	6 Earnings 642
Physician/dental visits14	7 Expenditures, new plant and equipment853, 1242
Constantion:	Research and development expenditures954
Age and/or sex	5 Seles
	5 World production 1246, 1278
Institutional 7 Schools and education, enrollment 19 Attainment 201-20	4 Motorcycles 1004
Schools and education, enrollment	8 National income accounts
College enrollment 23	4 Family income 1(ER 1(E)/
Degrees conferred	B Passenger outlevs
Degrees conferred 96 High school graduates and dropouts 229, 23 Employed students 24	8 Passenger outleys 976 0 Pollutant emissions 333
Employed students	2 Prices:
Succes12	740 Consumer incisions
Worklife expectancy 60	8 Refroed, cerioedings of1018
Mississippi. See State data. Mississippi River traffic	Consumer indexxes
Mississinal River traffic 103	78 Recreational vehicles
Missouri. See State data. Mobile homes	4 Receit shoos, rental service etc. 1326
Cepital stocks122	0 Advertising expenditures 902
Loène	6 Retail sales
Mobility status of population	4 inventories

	Table	Table
Motor vehicles—Continued		Naturalization
Retail trade summary1301		Nature study (recreation)
Scrapped Service and repair shops	990	Nevy
States, dealers	1310	Nevv. Department of:
Taxes	990	Nevy, Department of: Employment, civilian501, 502
License and motor fuel	442	Military forces
Theft		Nebraska. See State data. Nectarines
Trucks		Neonetal deaths (see also Deaths and death rates) 113, 114
Value of shipments	1295	Nepel. See Foreign countries.
Wholesale trade, summery	1315	Netherlands. See Foreign countries.
Producer price Indexes	735	Netherlands Antilles (see also Foreign countries)
motorcycles (100 200 Ottyces)501, 502, 501, 505,	1350	Neveda. See State data
Accidents and deaths	999	Nevada. <i>See</i> State data. New Hampshire. <i>See</i> State data.
Fuel consumption	. 1004	New incorporations
Registrations	. 1004	Industrial and commercial
Mullet, catch1139	1140	New Mexico. See State data.
Multiunit companies (see also Retail trade)	. 1306	New York, See State data.
Mumps10	6, 169	New York Stock Exchange
Municipal and State bonds	5, 607	New Zealand. See Foreign countries. News dealers, retail trade
Murders (see also Homicides)26	3_267	Newsceners and periodicals:
Circumstances and victims	267	Newspapers and periodicals: Advertising expenditures
Museums382, 38	3, <b>36</b> 4	Audience characteristics
Employees: Grants foundations	800	Establishments 690 Expenditures, consumer 363
Injury rates		Foreign countries
Musical Instruments		Frequency of publication891
Foreign trade	1360	Menutacture, summery
Musicians, symphony orchestras	383	Employees
Mutual funds76	7 813	Pavrola 690
	., 0.0	Payrolls 600 Newsprint production consumption 1129, 1130
Δ1		Number and circulation
N		Foreign countries
National Aeronautics and Space Administration	953	Reading by demographic groups
Rudost subority and cultime A70	8 974	Newsonnt
Employment 501, 50: Ependitures, research and development 946-971. Space program 960-971. Space launches	2, 972	Imports
Spece congress 94	8, 963 1022	Prices
Space leunches	975	World production 1373 Nicaragua. See Foreign countries.
NUMBER ASSOCIATION OF SECURIORS LABOURS (NASLAC)	810	Nickel747, 1154, 1160, 1162, 1184, 1184
National associations	80	Foreign trade 1162, 1164, 1350 import prices 744
National banks. See Banks. National Credit Union Administration, employment 50	1 502	Mine production
National debt. See Debt.	1, 502	World
National defense:		Niger, See Foreign countries.
Contract awards and payrolls	516	Nigena. See Foreign countries.
Cost of American wars	522 516	Nigeria. See Foreign countries. Nitrogen (agriculture) production
Expenditures, World	1424	Nobel prize laureates957
Federal employment and payrolls	462	Nondurable goods and industries (see also individual
Research and development	9-512	goode and industries): Consumer price indexes
Reserve costs	512 541	Manufactura:
Reserve costs Federal outleys as percent of GNP Military forces Armed Forces personnel, foreign countries Branch of service 53	470	Employees and earnings642
Military forces	2, 533	Employment projections631
Reanch of service	. 1478 5_640	Expenditures for new plant and equipment
RESONAL GUARD	542	inventories, orders, and shipments
Outlays	508	Expenditures for new park and equament. 953.  Gross national product, origin in
Procurement actions, net value	514	Stockholders' equity, profit rates865, 988
Worldwide military expenditures	475 517	Personal consumption expenditures
National forests, See Forests.		Retail trade:
National Guard	542	Inventories 1307
National health expenditures	9-131	Sales 1304-1307 Wholesale trade, sales, and inventories 1316
Percent of GNP National income 673-675,	129	Nonferrous metals and products. See Metals and metal
By sector	875	
By type of income	875	Nonfinencial corporations851
Expenditures, space program		Nonmetallic minerals (see also Individual minerals): industries, summery
Percent distribution, percent change	<del>003</del>	Manufacture summery
NATO, arms export market	520	Manufacture, summery
NATO countries, military expenditures	517	Production and value 1154
Natural gas. See Gas. Natural resources:		Production indexes
Governmental finances	431	Nonresidential capital, fixed
Federal	471	North Dakota. See State data.
Aid to State and local governments	435	Norway. See Foreign countries.
State and local government	437	Nuclear forces
Government employment and payrolls	482	Nuclear power: Capability980, 937, 940
Governmental revenue	431	Commercial generation, by country
Revenue losses due to Federal tax laws	475	Consumption904, 905, 907, 909

T	able	Ta	ble
Nuclear power—Continued		Opera	83
Production 903, 904, 921, 930, 937, 938,	940	Operations performed, by type and sex of patient	57
Reactors 937,	938	Onticel (onhthelmic) goods, megutacture, summery	<b>42</b>
State data Waste discharged fuel Nuclear Regulatory Commission Nurseries and garden stores:	.939	F/MORNAGE 932. 14	
Nuclear Regulatory Commission	978	Earnings	МZ
Nurseries and garden stores:	202	Retail sales	122
Retail trade summery 11 Nurses, nursing personnel 143,	161	Offices	
Fmolowment	627	Establishments, employees, payroll	320
Projections	626	Oranges 11	110
Nursing and related care facilities, characteristics161- 1320. 1	183,	Consumption	185
1320, 1 Abreios homes 131 132 135 152 181-	183	Oregon. See State data. Ores, crude (see also individual ores):	
Nursing homes	143	Car loadings 1018, 10	19
		Car loadings 1018, 10 Foreign trade 1162, 1344, 1349, 1350, 13	352
Consumption of major commodities	-186	Mining inchasing 1154 1154 11	166
Nuts (see also Fruits and nuts):	100	Production and value 1154, 11 Prices 11	159
Consumption	164	Organizations, nonprofit	. 80
Consumption	269	Ombana :	-
		Osteopeths (see also Physicians)	144
0		Outdoor recreation free Sep vincements' versezion are	
•		apecific forms of recreation): Activities	375
Occupational safety and health		Cultifing areas:	
Occupations (see also individual occupations): Disabled persons	850	Accession	319
		Agriculture, summary	370 370
By sex	.853	Aid by U.S. Government	357
Wage and salary workers Employed, by sex, race, and educational attainment	651	Banks and banking777, 13	361
Employed, by sex, race, and educational attainment	.626		
Employment: Hispenic	.627	Business, summary 1366, 1 Climate (Puerto Rico)	355
Lebor union membership	. 667	Commerce	
Projections	. 626	Construction industry 1: Education 244, 1361, 1:	366
Race	.627	Education244, 1361, 1	300
SexForeign born population	45	Attainment 1 Enrollment 1	
Hispanic population	619	income, family.  Federal payment to individuals	350
		Federal payment to individuals1	300
Pension plan/health plan coverage	656	Finances	305
Persons working at home Sex, and educational attainment White-collar and blue-collar workers	629	Geographic data Government receipts and expenditures	365
White-coller and blue-coller workers	665	Government summerv	370
Work schedules 615, Ocean perch, Atlantic	617	Gross product 1 Hospital facilities 1	363
Ocean perch, Atlantic	1139	Hospital facilities	156
Office and computing machines: Manufacture: Employees and shipments	1290	Family1	361
Office appliances and supplies: Foreign trade		Personal1	361
Foreign trade1349,	1350	Personal Labor force and employment	386
Manufacture	1242	Unemployment 1359, Manufactures (Puerto Rico)	362
Earnings	642	Martine and divorce	351
Shipments, value	1248		
Office buildings, construction	1206	Net income	364
Offshore leases Ohio. See State data.	1109	Population and/or area318, 319, 1353, 1381, 1	3/6 357
Oil and one extractions:		Components of change	354
Partnership	829	Public aid	500
Oil and gas fields:			
Contract services, summery	1153 1978	Savings institutions	/00
Public land, leases	.507	Social insurance	36
Public land, leases. Oil and gas wells. See Petroleum and gas wells. Oil crops		Unemployment insurance	582
Oil crops 1076, 1089, 1094, 1098, 1099, 1100,	1103	Veterans	543
Oil spine330,	1048	Vital statistics	321
Animal (oils and fats)	1097	Output per hour (see also Productivity):	<b>JE</b> 1
Animal and vegetable: Foreign trade		Farms 1089, 1	090
Foreign trade	1350	Manufacturing industries 643, U.S. and foreign countries 1 Mining industries 643, 1 Public utilities	644
Producer price Indexes	735	U.S. and foreign countries	400 174
Fish1146, Fuel. See Fuel oils.		Public utilities	64
Lubricating	1349		
Mineral See Petroleum and products		Transportation	643
Spot market price indexes	731	Oysters1139, 1140, 1	14
Vegetable: Export prices	.744		
Foreign trade	1349	P	
Foreign trade	1094		
Okiahoma. See State data.	650	Pacific Islands, Trust territory of the. See Outlying Areas.	
Old-age pensions. See Pensions.	. 300	Paint, glass, wellpaper stores: Retail trade summery1	30
Old-age, survivors, disability, and health insurance. See			
Social insurance.		Macufacture 1	24
Olefin, distribution		Emolouses 642. 1	24
Offices	1110 1378	Producer price Indexes	73
Onions, acreage, production, value, and price	1109	Pakistan. See Foreign countries.	

	Table	T	Table
Panama. See Foreign countries.	***	Personal consumption expenditures383, 638, 671, 673,	676,
Paper and allied products:	1110	By major type of product	1075 <b>676</b>
Paper and allied products: Employees and earnings Foreign trade 1133, 1258-1261, 1344, 1349 Menufacture Coulist accordings and exceedings	, 1121	Food and beverages, foreign countries	1300
Foreign trade1133, 1258-1261, 1344, 1349	1360		
Capital appropriations and expenditures Consumption Corporations, financial data Employees Earnings injury raises	1252	Personal health care	681
Consumption	1129	By disposition	. 676
Employees 642 1242	860	By industry	.677
Earnings	642	Disposable income	. 664
injury rates	664	Personal savings 769, Personal savings 769, Personal savings or care (see also Service industries)	1326
Expenditures: Plant and equipment, new	. 1242	Consumer price index	. 740
Prent and equipment, new 853 Production 1249 Indexes 1249 Research and development, expenditures 8 Shipments Accounted for by largest companies 8 Stockholders' equity, profit rates on Railroad car loadings 1018 Wastepaper, utilization and recovery 8 Wholesale trade:	1129	Projections 27, 1200, 1	.631
Besserth and development expenditures	), 1373 054	Gross national product, origin in	1296
Shipments	1248	Price increases, U.S. and foreign countries	1401
Accounted for by largest companies	1243	Summary	1319
Refroed cer loadings	605	States	1326
Wastepaper, utilization and recovery	1131	Personal supply services	1320
Wholesale trade: Producer price indexes	726	Receipts Personal wealth (see also Wealth) 723-	-725
Sees. Inventories	1310	Peru. See Foreign countries.	
Summery	1315	Pesticides: Production and sales	226
Paper and pulp industry1242	1344	Residue in human tissue Pet products: advertising expenditures	.337
Output per hour index	643	Pet products: advertising expenditures900,	901
Foreign trade  Output per hour index  Peperboard, wet machine board, building paper:  Consumption	1120	Petroleum and products: Consumer cooperatives	. 833
Exports	1349	Consumer cooperatives Consumption 904-907, 909, imports as percent of consumption	1164
Production	1129	imports es percent of consumption	1164
Exports Production Production Producer price indexes Papua New Guines population and area Paraguay. See Foreign countries. Parks Parks Parks Parks Parks	1378	States	. 607
Paraguay. See Foreign countries.	1070	Drilling expenditures	1166
Parks	9, 362	Foreign trade1162, 1166, 1167, 1342, 1344, 1349,	1350
Finances Government employment and payrolls National	462	Lesse revenues 747, 1159, Production 1152, 1154, 1160, 1186, 1167, 1169, Foreign countries 1408-	1166
National35	6, 357	Production 1152, 1154, 1160, 1166, 1167, 1169, 1	1172
Parolees		Pune to stills and stocks 1168, 1 Energy consumption 1332, 1334, 1 Foreign investments in U.S. 1332, 1334, 1 Foreign trade 922, 925, 1168, 1	1167
		Energy consumption	.920
Passengers: Arrivals and departures	391	Foreign trade 922, 925, 1365, 1	352
Arriving from oversees Carrier operation, summery	389	Imports	927
Carrier operation, summary1011, 1012, 1013, 1017	1024	International investments	1336
Rei	1017	Output of refineries (see also Petroleum-refining	
Outleys, by type of transport Passenger traffic, volume Railroad accidents, by type Regional airlines	976	industry)1166, 1	1167
Relined accidents, by type	1017	Carital engraphisms and expenditures	1242
Regional airlines	1027	Employees	1256
Travelers	309	Earnings	. 642
Travelers Passports issued, by characteristics of travelers Pastons, number with charges	77	Expenditures, new plant and equipment	1242
Pastureland, acreege	320	Inventories, value and quantity 1170, 1	1248
Patents and certificates of trademarks	8/1	National income, origin in	1151
Pastoria, number with charges Pasturation, acreage Pasteris and certificates of trademarks Pasthologists Paving and roofing materials, manufacture, summery Payrole. See Salaries and wages and individual industrie Pasches Pasches Pasches Pasches Pasches Pasches Pasches Pasches Pasches	1242	Foreign trade	-026
Payrolle. See Selaries and wages and individual industries	B	Shipments	1246
Peaches	1337	Pipeline industry	.979
Pediatricians 148, 15	0, 151	Ratroad, carloadings of	1118
Deep de	140	Pipeline industry Pipeline industry Railroad, carloadings of	1172
Consumption	164	Accidents and fatalities	1163
Consumption	1373	Employees	1153
Peas	1110	Lesses and production  Number and production (oil)	1160
Peat	1154	Number and production (oil)1165,	1172
Pecans		Wholesele trade, summary.  Producer price indexes	.735
Pennsylvania. See State data. Pensions and retirement benefits (see also Social insu	٠.	Petroleum pipeline compenies:	
ance):		Petroleum pipeline compenies: Accidents and deaths	1021
Evnendame	688	Detroisum refining industry	1167
Funds (flow of funds)	53-7 <b>68</b>	Petroleum-refining industry	660
Military	545	Employees and earnings	. 642
Pension plans by occupation/Industry	656	injury rates Expenditures, new plant and equipment Finances	.054
Private and public plans	569 53. 558	Finances	926
Retirement and savings plans	657		
Government emptoyees 553, 558, 567, 57 Military Pension plans by occupation/industry Private and public plans Railroad 55 Retirement and savings plans Veterare 522, 542, 54 Perch 1140, 1142 Performing arts, selected data 35 Performe. See Toilet preparations.	17, 553	Profits and dividends	. <del>55</del> 0) 1 167
Performing arts, selected data 35	2, 1144 12, 383	Research and development, expenditures	.964
Perfume. See Toilet preparations.	,	Sales	
Periodicals. See Newspapers and periodicals. Periite, mine production		Stockholoers' equity, profit rates on	
Personal care products expanditures	669	Phermaceuticals (see also Drugs and medicines): Exports	1349

Index 931

			I AEDIO
isContinued		Political parties—Continued	
		Congressional and Presidential votes	397-403, 419
n assets and profits	860	Congressional districts Covernors, by party affiliation Senetrorial primeries State legislatures, composition of	402
ments	1248	Governors, by party affiliation	411
	600-604	Senatorial primaries	420
, health	604, 870	State legislatures, composition of	412, 413
, health 131	1, 133, 134		423
e Foreign countries.		Votes Political TV advertising	397-403
cords and tapes	3/0	Political IV acversing	902
nd record players		Pollard Pollock, Atlantic	1140
iry1154,	1100 1177	Pollution:	1139, 1144
Ty 1154,	1160, 1177	PONUROT:	
nd value	1154, 1160	Abstement expenditures	339-344
annual and material	1406	Fr. decemental	331-333, 340
pperatus and material:	1040 4050	Environmental	333
J3/1,	1349, 1330	Water	
<b>1</b>	1242	Nation	330-340
J	. 042, 1242	Polyester, production	1209
ommercial and art		Pomegranates. Poor persons. See Income and poverty. Population (see also Vital statistics): Abroad, U.S. population	1110
summary	1320, 1321	Population (one also Vital statistics):	
SUITINE Y	968	Absord 11 S. accudation	2.4
ferred250		Ane	
idents	0, 237, 900	Black population	17 20
OSTRS	142_147	Cities	17, 20
ferred	143 256	Cities	13 18 20 28 20
Brvices	148	Elderly	
	149, 150	Hispanic population	10
	627	Metropolitien arees	34
A	626	Metropolitian areas	1366
i for13	1-135, 137	Drojectione	20
		Race School enrollment Sex	18. 20
ical school graduates	143	School enrollment	198, 196
neurance premiume	151	Sex	13. 17. 20
tols, students and oradustes	143. 256	States	26, 29
		States Voting-age population, votes Black. See Black population and Minority re Center Cities	418, 419, 422
ients, employees, payroll	1320	Black, See Black population and Minority re	C06.
1 professional activity	1321	Center	5
	143, 144	Cities	37, 38
1 professional activity	144, 146	Rankings	38
	145	Civilien	2
Toe	144	Coestal	
	147, 148	Components of change	1, 6, 15, 25
untries	1364	Outlying areas	1354
***************************************	957	Outlying areas Projections Rankings	15
eurocies	<b>85</b> 7	Rankings	21
***************************************	253	Chalca	32
nployed	965	Density Foreign countries Education. See Education.	1, 21, 35
bel prize laureates	967	Foreign countries	1373
on.		Education. See Education.	
road carloads	1018	Elderly 13, 19, 20, 2	6, 40, 73, 715, 716
k _		Projections	15, 16, 29
lardines.		States	
***************************************	1110	Ethnic origin	
si imports	4000	Fertility	1053, 1055, 1061
m mports	1350	Foreign born	44. 45
nd shipments	12/6	Foreign DOM	1274 1278 1270
ries	1021	Foreign countries	13/9, 13/8, 13/9 74
TOTAL.	1110	Grounds rates	1 1276 1277
TOTAL		Liquebolds and/or lamine Can Haracha	1, 1373, 1377
terrete and pleater products.	1242	Group quarters Growth rates Households and/or families. See Househo Institutional	74
	1268 1240	Intrinsic rate of pat red increase	22
	842	Labor force See   abor force amplement	and seminos
Imports	1262	Intrinsic rate of natural increase Labor force. See Labor force, employment Life expectancy	1377
10 Citata		Local governments  Marital status. See Marital status of popula Metropolitan areas Size class	453
etc. (fron and steel), foreign trade	1340 1360	Mortel status, See Morital status of nonula	dion.
Mateia 1160 1182	1184 1192	Melropolitan areas	30. 33. 34
	3 3 3 1	Size class	31
Heating and plumbing equipment.		States	~
No	1110	Microline	25, 1053
		Migration	24
J 1129	1123, 1139	Namono	44
D	1123, 1132 1122, 1133	Naturalizations	44
************	1350	Maturitenteria Morratto Gan Mark proponistros nest Miras	Ny racas
N ridexes	1124	Chillyling grape of 11 a 2 x 1 1302 1304 Place of Dirth	1, 1366-1367-1361
*****	1122. 1132	Plane of batte	44
444		Poverty Gen Printy	
L	116 160	Populy Que Primly Projections	14 16 23 27 改
the from	125	Keets beed what	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
Stellan countries			15 16 20
fra e e e e	78N	Entropositaria ed relevina Ecologie readition	1637
MANUS See Public entirity		f frielder verstelling	: 478 24
<b>ESSENTIAL</b> IMPAN	2 <b>5</b> 3	F) gradi	
	155, 159	Marina Marina	. 274
609AHHAN	170 171	Alexa laan alah kansa bahradan ansa laksa Mara laan alah kansa bahradan ansa laksa	
Property of the control of the contr	4.4 4.4	Maninia mil Billinia population distribution	
Water History	250 20年	Marient	2 25 26 26 7 26 1966
Med continues.	27, 2/.	The state of the s	22 24 34 77 20 7964
STEPOSTROP OF	सरम <i>ास्थ</i>	<del></del>	

	Table	Τι	80
Population—Continued		Prices—Continued	
Sex—Continued		Gasoline and diesel fuel 11 Housing 754, 1213-1215, 1	00
Age distribution Hispanic. See Hispanic population. States	20	larlanes.	
Ristes 21 22	25_29 83	Colleges and universities	24
Density	21	Consumer price740,	74
Households		Foreign countries1	40
Projections		Medical care	75
Rankings		Residential rents	74
Voting age	418		
Total, including Armed Forces overseas	2	Houses, one-family1	19
World	373, 1375	Imports	74
Voting age Total, including Armed Forces overseas World 1 Pork (see also Meat and meat products): Consumption and production 164, 1 Foreign countries 164, 1	111, 1392	Exports 1 Imports 745, Producer price 734, Construction materials 1 Newsprint 1	19
Foreign countries	1392	Newsprint1	13
Foreign trade	1111	Timber products	12
Price, retail	154 1177	Public elementary and secondary schools	27
Portugal, See Foreign countries.	154, 1177	Refroed freight 1	óź
Post Office Department. See U.S. Postal Service.		Spot market price	73
Postal service, foreign countries. Postal service, foreign countries. Potash (postaseium saits): Mining Industry	878, 877	Newsprint 1 Timber products 1 Public elementary and secondary schools 1 Purchasing power of the dollar 1 Railroad freight 1 Spot market price 1 Lumber and stumpage 1 Mineral products 747, 1 Produce: 747, 1	12
Potesh (noteseium selts):	1396	Producer: /47, 1	15
Mining Industry1	160, 1178		
Production and value	110U	Received by farmers:	
World	1408	Year-to-year change, selected groups Racelved by farmen: Crops	10
Potaselum		Stocks and products1080, 1112, 11	11
Acreson production and value	1109	Utilities	75
Consumption	185	Price support operations, selected commodities1	10
Consumption Hours per unit of production	1090	Prime movers	90
Prices World production	1373	Printing and publishing industries (see also individual	24
Pottery:		Advertising expenditures	80
Faminos	642	Books and pemphiets 386, Corporations, financial data 880, Earnings per share 890, Erpoloyees 842, 690, 1	38
Imports Manufacture and employees	1350	Corporations, financial data860, (	85
Poultry (see also Ergs):	042, 1242	Earnings per share	2
Poultry (see also Eggs): Consumption	160, 1392	Earnings	64
Foreign countries  Hours per unit of production  Farms and/or income	1392	Errings 042 664, 16 Earnings Projections Establishments Industry, summary Injury rates	63
Hours per unit of production	1090	Establishments	<u></u>
Farm value	1083	injury rates	ã
Number on farms and raised 1	114, 1115		
Farm value  Number on farms and raised  Output and marketing indexes  1  Poultry and other meets expenditures	089, 1091	Number and circulation678, 892, (	80
Poultry and other meets expenditures	689	States	20
Prices Poverty 40, 712 Children Families	713 721	Number and Grousson	8
Children	713, 717	Newsprint production/consumption1129, 11	13
Femilies	713	Production indexes1	24
Age of noneerolder	/ 19	Return on equity	2
Black	719	Return on equity	34
Hispanic origin718	, 719, 721	Prisoners under sentence of death311,	31
Labor force participation	719	Prisons and prisoners	30
Persons/13	, /1/, /20 717 721	Private household workers	30
Age	714, 715	Earnings	õ
		Gross national product, origin in12	29
Elderly	714, 715	Private schools. See Education.	_
Chactery	, 715, 717	Private achools. See Education. Probation Producer price Indexes	30
Electric 904, 930, 932	. 934, 935	Commodity groups 735.	73
Generating plants privately owned	933	Construction meterials1	19
Nuclear energy capacity	937	Foreign countries1	40
		Productivity:	12
Hydro	930. 938	Farm input indexes 1680-11  Farm output 1090-11  Mining industries 1000-11  Output of plant and equipment, manufacturing indus-	08
Tractive effort of railroad locomotives	1017	Farm output	00
Water	946	Mining industries	17
Water Power plants. See Electric light and power industry. Precious metals, commodity futures trading Precipitation, selected cities	812	Output or plant and equipment, manufacturing indus-	25
Precipitation, selected cities	350, 352	tries	ō
President, U.S	86, 88	By industry	64
President, U.S	419, 422	By industry  Manufacturing industries  Professional schools. See Education, higher education	40
Campaign finances Price indexes	2-, -20	institutions.	
Fixed-weighted	733	Profits:	
Price license   Price		Banks	77
Agricultural	732	Compositions 674 679 922 927 982 984 988 988 4	2
Books and periodicals	369	Projections:	
Consumer, percent change730,	742, 1400	Projections: Birthe, birth rates:	
Books and periodicals Consumer, percent change	1116	Foreign countries 1: College enrollment 193,	37
Export and import	/5/-7 <b>6</b> 0		
Figh by enection	1142	Foreign countries1	137
Food Foreign countries	751, 752	Foreign countries	
Foreign countries	742, 1400	Labor force	. 00

	Table
Projections—Continued	Public utilities, transportation—Continued
Labor force—Continued	Construction 1201, 1202, 1204
Employment:	Cost Indexes 1198 Corporations, partnerships, and proprietorships 828
By industry 631 By occupation 628	Employees
Population 14-16, 23, 1379	Companiestion 645
Age16	Earnings
Black 16, 26 Components of change 14	Hours 640 Injury rates 964
Foreign countries	Productivity indexes
Hispanic15	States
Race	Employment projections
States 15, 16	Expenditures for new plant and equipment853
World 1376, 1377 School enrollment 189, 193, 197, 236	Firms
School enrollment189, 193, 197, 236	Cities 455-457 Government employees and payrolls:
Teachers 197	Government employees and payrolls:  City government
Property insurance 819 Property tax 430, 431, 436, 441, 442, 455	Gross product
Rates, selected cities490	Income and profits
State and local government: By States441	Local government enterprise
Revenue 437, 441	Parairie 848
State government revenue 442	Securities805, 807
Proprietors Income	Public welfere. See Welfere services:
	Publishing industry. See Printing and publishing industries.  Puerto Riceo, See Hispenic origin
Interest	Securities
Profits 675	Pulmonery diseases117-119
Protective service workers. See Public safety. Protein available for consumption	Pulpmood 1122, 1123, 1132
Protestants See Religion	Purnice, production, and value
Protestants. See Religion. Prunes and plums	Pumps and compressors, exports
Psychiatric care and institutions. See Mental Health.	Purchasing power of the dollar735
Psychiatrists	Purses 1242 Pyrites 1154
Degrees conferred	7,100
Employment	_
Graduate students	Q
Perchatheraceutic druns, nonmedical use 180	Qater. See Foreign countries.
Psychotherapeutic drugs, normedical use	Querries. See Mining and smelting.
Public aid assistance	Quicksilver (mercury)
Benefits paid	
Federal aid to state and local governments	R
Health expenditures 129, 130, 135, 553, 588, 557, 578, 580	
Recipients	Rables
To families	Rader detectors1297
*ublic broadcasting stations865, 806	Radiologists152
Public buildings, construction, value	
PUDIC GEOL SEE DECL	Redice1298
Arbite domain. See Public lands	Broadcasting:
Public domain. See Public lands. Public housing	Broadcasting: Advertising expenditures806
Public housing	Broadcasting: Advertising expenditures
Public housing         436, 556, 1208, 1221, 1234           Public lends (see also Forests):         321           Acquisition and area         321	Broadcasting: Advertising expenditures
Public housing         436, 556, 1208, 1221, 1234           Public lends (see also Forests):         321           Acquisition and area         55	Broadcasting: Advertising expenditures
Public housing     436, 556, 1208, 1221, 1234       Public lands (see also Forests):     321       Acquisition and area     321       Cost and usage     505       Disposal, summary     508       Forest land, area     1117, 119	Broadcasting: Advertising expenditures
Public housing     436, 556, 1208, 1221, 1234       Public lands (see also Forests):     321       Acquisition and area     321       Cost and usage     505       Disposal, summary     508       Forest land, area     1117, 119	Broadcasting expenditures
Aublic housing     436, 556, 1208, 1221, 1234       Aublic lands (see also Forests):     321       Acquisition and area     32       Cost and usage     505       Disposel, summary     508       Forest land, area     1117, 1119       Homestead entries     508       Lesses, permits, locenses     509, 507	Broadcasting: Advertising expenditures
Aublic housing	Broadcasting expenditures
Public housing	Broadcasting: Advertising expenditures
Public housing     .436, 556, 1208, 1221, 1234       Public lends (see also Forests):     .321       Acquisition and area     .321       Cost and usage     .505       Disposel, summary     .508       Forest land, area     .1117, 1119       Homestead entries     .508       Leases, permits, licenses     .500, 507       National park system     .358       Ownership     .504, 1084       Parks     .357       Receiots from     .508	Broadcasting: Advertising expenditures
Aublic housing	Broadcasting: Advertising expenditures
Aublic housing     .436, 556, 1208, 1221, 1234       Aublic lands (see also Forests):     .321       Acquisition and area     .321       Cost and usage     .505       Disposal, summary     .508       Forest land, area     .1117, 1119       Homestead entries     .508, 507       National park system     .356       Ownership     .504, 1084       Parks     .357       Receipts from     .508       Receipts from     .508       Receipts from     .508       Ubbit or elicition     .290       Vabitic relations services     .1320, 1321	Broadcasting: Advertising expenditures
Aublic housing     .436, 556, 1206, 1221, 1234       Aublic lands (see also Forests):     .321       Acquisition and area.     .321       Cost and usage     .505       Disposal, summary     .508       Forest land, area.     .1117, 1119       Homestead entries     .506       Lesse, permits, licenses     .509, 507       National park system     .356       Ohnerahlp     .504, 1084       Parks     .357       Receipts from     .506       Recreation     .357, 358, 361       Aublic officials, prosecutions     .290       Aublic relations services     .1320, 1321       Aublic relations services     .1320, 1321       Aublic relations services     .1320, 1321	Broadcasting: Advertising expenditures
Aublic housing         .436, 556, 1206, 1221, 1234           Aublic lends (see also Forests):         .321           Acquisition and area         .321           Cost and usage         .505           Disposel, summary         .508           Forest land, area         .1117, 1119           Homestead entries         .508           Leases, permits, floenese         .609, 507           National park system         .358           Ownership         .504, 1084           Parks         .357           Recorpts from         .508           Recornetion         .357, 358, 361           Aublic officials, prosecutions         .299           Aublic relations services         .1320, 1321           Aublic relations services         .1320, 1321           Aublic relations deliver	Broadcasting: Advertising expenditures
Aublic housing	Broadcasting: Advertising expenditures
Aubic housing   Aubic housing   Aubic housing   Aubic lends (see also Forests):   Acquisition and area   321     Cost and usage   505     Disposal summary   508     Forest land, area   1117, 1119     Homestead entries   508     Lesses, permits, licenses   509, 507     National park system   358     Centership   504, 1084     Parks   357     Receipts from   35, 368     Recreation   357, 358, 361     Lubiic oriticals, prosecutions   357, 358, 361     Lubiic oriticals, prosecutions   1320, 1321     Lubiic oriticals prosecutions   1320, 1321     Lubiic oritical services   1320, 1321     Lubiic oritical services   1320, 1321     Lubiic oritical services   1320, 1321     Lubiic oritical services   1320, 1321     Employees   266     City government   467-469     Detective and protective services   1320, 1321     Employees   266     City government   467-469     Detective and protective services   1320     Fire protection   465     Expenditures   226     City governments   465     State and local government   442     State government   442	Broadcasting: Advertising expenditures
Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto	Broadcasting: Advertising expenditures
Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto   Auto	Broadcasting: Advertising expenditures
Aphic housing   Aphic housing   Aphic lands (ace also Forests):   Application and area   321	Broadcasting: Advertising expenditures
Aphic housing   Aphic housing   Aphic lands (ace also Forests);   Application and area   321	Broadcasting: Advertising expenditures
Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto-   Auto	Broadcasting: Advertising expenditures
Aphic housing   Aphic housing   Aphic lands (ace also Forests);   Application and area   321	Broadcasting: Advertising expenditures

## Index

	. —
Indirects—Continued Freight, price indexes Freight traffic and revenue	.1020
Freight traffic and revenue976, 979, 1017,	1019
Mileage owned and operated	1017
Output per hour index	<b>643</b>
Plep/beck1018,	1019
Pagylack 1018. Pedrament 978. Wages and seleries 978. shirtys, electric, employees and operations selected cities 9350 langes. See Stoves and ranges.	561
lathrays, electric, employees and operations	1011
lainiell, selected cities	), <b>3</b> 61
lantings:	
Cities	
Population	36 460
more operation.	
Population State: Government finances	34
Government finances441, 444	, 450
Public elementary/secondary school expenditures	21 217
epe, forotble283-288, 289, 271	, 273
ew materials. See Crude materials.	1200
eading (see also Books and Libraries) 364, 367	, 362
Consumer expenditures	364
real estate):	,
Employment 627, 763	, 764
real estate): Employment	764 764
Gross national product, origin in	764
Industry injury rates	642 064
Receipts, agents, and managers	1321
<b>sal estate loans (<i>see also</i> Farms)778, 790, 791, 1057,</b> Sosinis (see also <i>individual authoriti</i> )	1086
Construction industry	.1197
Corporation 823, 825	i, 848
Farm and farm marketings 1076,	1078
Federal	), 473
International transportation	.1035
Partnerships, proprietorships, and corporations824,	825, 820
Revenue:	629
Local governments217, 430	. 431
State and local governments	457 7. 441
State governments217, 431, 442, 444	455
Service industries 825, 1318.	445 1321
States	1326
Travel industry	861 396
United States Government430, 431, 471	, 473
From public lends	.1118 506
Doctor Control	. 873
	1, 487
Sources	1298
Sources	
Sources 431, 471, 475 Trust funds coord chargers coresion (see also Amusements):	270
Sources	7, 378 .1204
Sources	7, 378 .1204 364
Sources	7, 378 .1204 364 740 .1385
Sources	7, 378 .1204 364 740 .1385 462
Sources	7, 378 .1204 364 740 .1385 462 2, 468 7, 462
Fostales	7, 378 .1204 364 740 .1385 462 2, 488 7, 462
Focus 431, 471, 473 Sources 431, 471, 473 Sources 431, 471, 473 Sources 5301 Cord chargers corestion (see also Amusements): Activities 360, 374, 375, 377 Building construction, value 360, 374, 375, 377 Building construction, value 600 Consumer expenditures 600 Consumer price indexes 600 Employment and expenditures, government 621 City governments 635, 465 State and local governments 637 Farts: Government employees and payrolls 632 City government 643	7, 378 .1204 364 740 .1385 462 2, 468 7, 462
Footale 431, 471, 473 Sources 431, 471, 473 Sources 431, 471, 473 Trust funds 5000 d changers screetion (see also Amusements): Activities 360, 374, 375, 377 Building construction, value 360, 374, 375, 377 Building construction, value 360, 374, 375, 377 Building construction, value 360, 374, 375, 377 Building construction, value 360, 374, 375, 377 Building construction, value 360, 374, 375, 377 Building construction, value 360, 374, 375, 377 Building construction, value 360, 374, 375, 377 Building construction, value 360, 375, 377 Building construction, value 360, 375, 377 Building construction, value 360, 375, 377 Building construction, value 360, 375, 377 Building construction, value 360, 375, 377 Building construction, value 360, 374, 375, 377 Building construction, value 360, 374, 375, 377 Building construction, value 360, 374, 375, 377 Building construction, value 360, 374, 375, 377 Building construction, value 360, 374, 375, 377 Building construction, value 360, 374, 375, 377 Building construction, value 360, 374, 375, 377 Building construction, value 360, 374, 375, 377 Building construction, value 360, 374, 375, 377 Building construction, value 360, 374, 375, 377 Building construction, value 360, 374, 375, 377 Building construction, value 360, 374, 375, 377 Building construction, value 360, 374, 375, 377 Building construction, value 360, 374, 375, 377 Building construction, value 360, 374, 375, 377 Building construction, value 360, 374, 375, 377 Building construction, value 360, 374, 375, 377 Building construction, value 360, 374, 375, 377 Building construction, value 375, 377 Building construction, value 375, 377 Building construction, value 375, 377 Building construction, value 375, 377 Building construction, value 375, 377 Building construction, value 375, 377 Building construction, value 375, 377 Building construction, value 375, 377 Building construction, value 375, 377 Building construction, value 375, 377 Building construction, value 375, 377 Building construction, value 375, 377 Building construct	7, 378 .1204 364 740 .1365 462 2, 468 2, 468 2, 468 7, 358
Sources	7, 378 .1204 364 740 .1385 482 2, 468 2, 468 2, 488 7, 358 1, 351
Sources	7, 378 .1204 364 740 .1385 462 2, 468 2, 468 2, 468 2, 468 3, 361 3, 379 2, 383
Sources	7, 378 .1204 364 740 462 468 468 468 368 368 361 361 361 363 363
Sources	7, 378 1204 1204 1384 1385 1482 1482 1488 1, 462 1, 468 1, 361 1, 361 1, 361 1, 383 1, 383 1, 383
Sources	7, 378 1204 1204 1384 1385 1482 1482 1488 1, 462 1, 468 1, 468 1, 361 1, 368 1, 369 1, 383 1, 380 1, 395 1, 395
Sources	7, 378 1204 364 364 408 468 468 468 468 468 468 468 468 468 468 468 468 468 468 469 361 379 380 395 395 395 395 395
Revenue:  Local governments  City governments  State and local governments  State and local governments  State governments  217, 431, 442, 444  Tax collections  Service industries  States  Telephone systems  Travel industries  Telephone systems  Travel industry  United States Government  430, 431, 477  From public lends  Postal  Postal  Sources  431, 471, 473  Sources  431, 471, 473  Sources  431, 471, 473  Sources  Cord changers  corestion (see also Amusements):  Activities  Consumer spenditures  Consumer spenditures  Consumer price indexes  Employees and payrolis  Employment and expenditures, government  City governments  Addition  City governments  Addition  Addition  Addition  State and local governments  Parks:  Government employees and payrolis  State and local governments  Addition  Addit	7, 378 1204 364 364 462 2, 468 2, 468 2, 468 3, 361 3, 379 2, 383 1, 381 1, 395 1, 395 1, 395 1, 395 1, 395

	1 (50)
stugees	9, 10, 12 -75-77, 79, 600, 60 -75-77, 79, 600, 60 -77 -77 -70 -70 -77 -77 -77 -77 -77 -7
Catholics	75
Charitable contributions	
Church/synagogue attendance	
Jewish population	n
Philanibropy	<u>@</u>
Processors	
eligious TV viewing by denomination	
eligious associations	
Philanthopy Protestaries sitgious preference edigious TV viewing by denomination edigious accountions Volunteers, percent involved indexes	
ents: Indexes	740, 795
Price increases, U.S. and foreign countri lepair services. See Business and repo	os1401
Senice industries	air services and
epresentatives, U.S. See Congress, U.S.	
esearch and development:	
	900, 983, <del>96</del> 5, 986
By country	960
Expenditures: By country. Colleges and universities Federal. National detense. Space program.	245
Netional delense	<b>946-95</b> 1, <b>9</b> 54
Space program	860, 970
Federal Government obligations for	951 <b>-953</b> , 966
Py industry group	954, 955
Laboratories, receipts	1321
Federal Government obligations for	536
editional buildings. See Construction ind	ustry and
Housing and housing units.  estaurants. See Eating and drinking place stall prices Indexes: See Consumer price stall trade (see also Prices and Trade): Consumer credit.	1220
estaurants. See Eating and drinking place	10.
etall trade (see elec Prices and Trade):	nome.
Consumer credit	796
	zahips
Employees Compensation Earnings	.690, 642, 1269, 1300 645
Earnings	842 848
HOURS	642
Injury rate	
Employment projections  Establishments  Largest companies	
Largest companies	1303
Legal form of organization	
Firms Foreign investments in the U.S Franchiese	1334, 1336
Franchises	
Inventories	1298
Gross national product, origin in	
Inventories	1 <b>30</b> 7
Sales Sate Sales Multiunt companies Multiunt compan	/1301 -2006 ,10061 1310
Summery	1301, 1302
Multiunit companies	1300, 1306
Personale	1300, 1307 1300-1302
Proprietors	825, 1300, 1301
Sales857, 991, 992, 13	300, 1304–1 <b>306</b> , 1310
Sales States States Summery Multiunit companies Outlying areas of U.S. Payrolls Proprietors Sales By merchandles lines Inventory ratios Motor vehicles Per capits	13061306 1307
inventory ratios Motor vehicles Per capita States	961, 992, 1313
Per capita	1300, 1304
Strees See Datell trade actabilishments	
Chil Senice 55	N, 500, 508, 570, 571 N, 580, 581, 580, 572
Federal other than civil service	558, 569
Benefits paid	n ineurance. See
Social insurance.	200
Refroed47	74, 563, 568-561, 569
Social security trust funds	561
Social insurance. Private and public plans	74, 553, 558, 581 <u>, 569</u>
evenue receipts. See Receipts.	13/1
State and local government	
neurnatic feverthoda lalend See State data	169
hodesia. See Foreign countries.	
ice: Acreege and value	
Acreege and value	1100

Index 935

ed		Salaries and wages—Continued
n-Continued		Wholesale trade645, 848, 630, 1314, 1315, 1317
ountries	1391	Sales (see the fact that seemed that
•	744 1100	Aircraft and parts 1000
	1004 1100	Commodity Credit Corporation transactions 1081
***************************************	1373	Virtualization
despoerance	1100	Corporation
herbors etc.: domestic and foreign enditures for		Earnings per share867
Comesuc and foreign	1038	Farm products, value
incinel rivers	325	Hotel and motor hotel operations index 1222
See Highways.		Manufacturing and trade 857
See Highweys. 263–266	3, 270, 271	Merchandiaing 860
Foreign countries.	1261	Poetage stamps, receipts from
Faralan annation 1	139, 1144	Retail1297, 1300, 1301, 1305, 1306
hher cooris (see else Tires and tubes):		Farm equipment
91258-1261, 1274, 1349, 1	350, 1352	Selectory retire
)	.642, 1242	States 1310
Poreign countries between tubes): bber goods ( <i>see alto</i> Tires and tubes): 0	690	3310   38105   3710   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105   38105
<b>8 642</b> , 1	242, 1258	Stocks and bonds
B		Uranium, private industry
ons		Wholesale trade
nents	1242	Salesworkers:
		Employment
nd equipment, new	863, 1242	Unemployment 636
nd equipment, new	954	Salmon
commed, and synthetic	1274	
n indexes	1249	Catch 1140, 1142 Salt, production and value 1154, 1408 Samoa, American, See Outlying areas of U.S. Sand and gravel industry, summary 1153, 1154 Production and value 1154 Sanitation, See Health at: 1154
ers' equity profit rates on		Salt, production and value
ers' equity, profit rates on	166. 169	Sand and gravel industry suggests of U.S.
Rf Acutedana		Sand and graver industry, summary
elion Administration	863	Production and value 1154 Sanitation. See Health, etc. Sardines 1145 Saud Arshia. See Econom countries
to See Proudetion		Serdines 1145
R.). See Foreign countries. Foreign countries.		Sardines 1145 Saudi Arabia. See Foreign countries.
Foreign countries.		Savings: Credit unions
		Credit unions
S		Depoens, bank
•		Gross savings, sources and uses
***************************************	1139	Personal
rumption	184	Sevings hents. See Renks
l, population and area	1378	Sevinge inellitifiage
i, population and area	1378	Sevinge inellitifiage
i, population and area king oils, consumption ages ( <i>see also</i> income <i>and individual ii</i>	1378 154	Sevinge inellitifiage
		Sevings institutions.  Checking accounts
sumption	845 630	Sevings institutions.  Checking accounts
nrestry Schorice	845 630	Sevings institutions.         797, 798           Checking accounts         794,           Employees         764           Peyroll         764           Establishments         784
nrestry Schorice	845 630	Sevings institutions.         797, 798           Checking accounts         794,           Employees         764           Peyroll         764           Establishments         784
nrestry Schorice	845 630	Sevings institutions.   797, 798
orestry, fisheries  by industry industry fisheries 646, seritary services covered by accial insurance, 502.	645, 630 645 830, 1197 645 869, 580	Sevings institutions.   797, 798
torestry, fisheries  intro industry  industry  industry  646, servitary services covered by social insurance502,	645, 630 645 830, 1197 645 859, 580, 562, 582	Sevings institutions.         797, 798           Checking accounts         797, 798           Employees         764           Payroli         784           Establishments         784           Financial items         771, 785, 796, 791           Flow of funds         786-799           Mortgage debt held by         785, 790-793           Number of institutions         736           Sevings accounts         786
orestry, fisheries	645, 630 	Sevings institutions.         797, 798           Checking accounts         797, 798           Employees         764           Payroli         784           Establishments         784           Financial items         771, 785, 796, 791           Flow of funds         786-799           Mortgage debt held by         785, 790-793           Number of institutions         736           Sevings accounts         786
orestry, fisheries	645, 630 	Sevings institutions.         797, 798           Checking accounts         797, 798           Employees         764           Payroli         784           Establishments         784           Financial items         771, 785, 796, 791           Flow of funds         786-799           Mortgage debt held by         785, 790-793           Number of institutions         736           Sevings accounts         786
orestry, fisheries	645, 630 	Sevings institutions.         797, 798           Checking accounts         797, 798           Employees         764           Payroli         784           Establishments         784           Financial items         771, 785, 796, 791           Flow of funds         786-799           Mortgage debt held by         785, 790-793           Number of institutions         736           Sevings accounts         786
orestry, fisheries	645, 630 	Sevings institutions.         797, 798           Checking accounts         797, 798           Employees         764           Payroli         784           Establishments         784           Financial items         771, 785, 796, 791           Flow of funds         786-799           Mortgage debt held by         785, 790-793           Number of institutions         736           Sevings accounts         786
orestry, fisheries	645, 630 	Sevings institutions.         797, 798           Checking accounts         797, 798           Employees         764           Payroli         784           Establishments         784           Financial items         771, 785, 796, 791           Flow of funds         786-799           Mortgage debt held by         785, 790-793           Number of institutions         736           Sevings accounts         786
orestry, fisheries	645, 630 	Sevings institutions.         797, 798           Checking accounts         797, 798           Employees         764           Payroli         784           Establishments         784           Financial items         771, 785, 796, 791           Flow of funds         786-799           Mortgage debt held by         785, 790-793           Number of institutions         736           Sevings accounts         786
orestry, fisheries	645, 630 	Sevings institutions,   797, 798
orestry, fisheries	645, 630 	Sevings institutions,   797, 798
orestry, fisheries	645, 630 	Sevings institutions,   797, 798
orestry, fisheries	645, 630 	Sevings institutions,   797, 798
orestry, fisheries	645, 630 	Sevings institutions,   797, 798
torestry, fisheries  ity  ity  industry  industry  industry  services  covered by social insurance502,  irrance, real estate  employees  ity  ity  ity  ity  ity  ity  ity  it		Sevings institutions,   797, 798
torestry, fisheries  ity  ity  industry  industry  industry  services  covered by social insurance502,  irrance, real estate  employees  ity  ity  ity  ity  ity  ity  ity  it		Sevings institutions,   797, 798
torestry, fisheries  ity  ity  industry  industry  industry  services  covered by social insurance502,  irrance, real estate  employees  ity  ity  ity  ity  ity  ity  ity  it		Sevings institutions,   797, 798
torestry, fisheries  Ry  Industry  Industry  Industry  Industry  S46,  Serifary services  Covered by social insurance502,  Interployees:  Ry  Ry  Ry  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industri		Sevings institutions,   797, 798
torestry, fisheries  Ry  Industry  Industry  Industry  Industry  S46,  Serifary services  Covered by social insurance502,  Interployees:  Ry  Ry  Ry  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industri		Sevings institutions,   797, 798
torestry, fisheries  Ry  Industry  Industry  Industry  Industry  S46,  Serifary services  Covered by social insurance502,  Interployees:  Ry  Ry  Ry  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industries  Industri		Sevings institutions,   797, 798
orestry, fisheries lity lity lity lity lity lity lity lity		Sevings institutions,   797, 798
investry, fisheries  introductry  industry  industry  services  covered by social insurance502,  services  employees:		Sevings institutions,   797, 798
investry, fisheries  introductry  industry  industry  services  covered by social insurance502,  services  employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees:		Sevings institutions,   797, 798
investry, fisheries  introductry  industry  industry  services  covered by social insurance502,  services  employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees: employees:		Sevings institutions,   797, 798
orestry, fisheries lity industry		Sevings institutions,   Checking accounts   797, 798
orestry, fisheries lity ors inclustry inclustry inclustry services covered by social insurance502,  sentary services covered by social insurance502,  sentary services covered by social insurance502,  sentary services covered by social insurance502,  sentary services covered by social insurance502,  sentary services covered by social insurance502,  sentary services compensation, year-to-year changes production workers:  spensation and servings proups and inclustrice seas of U.S. button strice strice services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services ser		Sevings institutions,   Checking accounts   797, 798
orestry, fisheries lity ors inclustry inclustry inclustry services covered by social insurance502,  sentary services covered by social insurance502,  sentary services covered by social insurance502,  sentary services covered by social insurance502,  sentary services covered by social insurance502,  sentary services covered by social insurance502,  sentary services compensation, year-to-year changes production workers:  spensation and servings proups and inclustrice seas of U.S. button strice strice services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services services ser		Sevings institutions,   Checking accounts   797, 798
orestry, fisheries lity lity lity lity lity lity lity lity		Sevings institutions,   Checking accounts   797, 798
orestry, fisheries lity lity lity lity lity lity lity lity		Sevings institutions,   Checking accounts   797, 798
orestry, fisheries lity lity lity lity lity lity lity lity		Sevings institutions,   Checking accounts   797, 798
prestry, fisheries lity in the control of the contr		Sevings institutions,   Checking accounts   797, 798
orestry, fisheries lity ors inclustry inclustry inclustry services covered by social insurance502,  sentary services covered by social insurance502,  sentary services covered by social insurance502,  sentary services covered by social insurance502,  sentary services covered by social insurance502,  sentary services covered by social insurance502,  sentary services compensation, year-to-year changes production workers:  spensation and servings proups and inclustrice seas of U.S. button strice strice services ser		Sevings institutions,   Checking accounts   797, 798

	Table		Table
Securities—Continued		Shipments—Continued	
Holdings of individuals and businesses765,		Menulacturers'	, 130
Holdings of State and local asserments	811	Castings	. 1995 1978
Holdings of State and local governments	479. 480	Aircraft Castings Iron and steel products Steel products Value	. 1275
New leaves	807	Steel products	. 1270
New issues. Prices, sales, yields and issues805, 806 Savings of individuals	, 807, 809, 810	Velue	. 136
State and local government		Uranium, mine ore	
State and local government Stocks and bonds, sales	806		
Tax-exempt, outstanding	480	Marrhant vessels 1049-1044 1049	1061
Employees, peyroll	042, 703, 764 784	Lost Repairs Tanker casualties	.1007
Employees, payroll	764	Tanker consulties	.104
Flow of funds	7AA	Shoe stores:	
Gross national product, origin in	762	Shoe stores: Retail inventories Retail sales Retail trade summary	. 1307
COLLEGE DE 2019 USER	180	Retail trade summers	1307
		Shoes, See Footweer.	. 1342
Output and marketing indexes. Producer price indexes (hay, seeds)	1001	Shoes. See Footweer. Shoplifting	270
Selenium		Shortening	184
Semiconductions:		Shrimp Canned, quantity and value	1146
Assets	1282	Cetch 1140	1142
Expenditures	1252		
Shipments		Sickness. See Miness.	
Senators, U.S	400	Silk (raw) and allk goods consumption, by mile.	1967
Primeries	420	Silver1153, 1154, 1160, 1164,	1180
Senegal. See Foreign countries. Service industries (see also individual services): Assets and liabilities		reports Sickness. See litness. Sickness. See Foreign countries. Silk (raw) and silk goods consumption, by mills Silver	1180
Assets and liabilities	848	Poreign Vade	1180
Corporations, partnerships, and proprietorships Employees	825	Prices747,	1120
Employees	118, 1319, 1320	Production and value 1154, Production, U.S. as percent of world Stiverwere and jewelry, manufacture Employees and earnings	1180
House	040, 042, 646 840	Production, U.S. as percent of world	1180
Injury rates	663, 684	Silverwere and jewery, manufacture	1242
Projections States Employment cost index	631	Sincepore, See Foreign countries.	•••
States		Singapore. See Foreign countries. Single persons. See Marital status.	
Employment projections	631	Stding	, 375
Employment projections	1318-1320	Skins. See Pages, etc. Slaughtering and mest-packing Industry. See Mest and	
Franchises Tax-exempt	1312	meet products.	
Tax-exempt	1315, 1319	meet products. Small Business Administration, budget outleys	. 830
Gross national product, originating in	1298		.841
Firms Gross national product, originating in Gross product Income and profits	670	Snow and ice pellets, selected cities	.362
Income and profits	825, 684	Advertising expenditures	900
Kind of business:	1319 1320	Monufecture:	
Kind of business: Summary Outlying areas of U.S	1366, 1372	Corporation sales, profits, and dividends	_860 _842
Payrolls13	118-1320, 1326	Cultust ner hour index	- 643
Personal consumption expenditures	668, 673	Output per hour index	1246
States summery	023, 1321 1328	Soccer	374
States, summary	635, 636	Social insurance (see also Medicare, Railroads, Retirement	
Warenousing	1014	System, Social Security): Contributions	. 561
Service occupations: Earnings, wage and salary workers	***	Employees:	. 501
Employment		linkinto inkon retea	. 664
By sex and educational attainment	629	Employment covered 559 Expenditures (public) for 552, 553, 559 Government insurance trust funds City government finances	, 580
Projections	626	Covernment incurrence trust funds	, 505 431
Unemployment	636	City government finances	466
Service stations. <i>See</i> Gasoline service stations. Service workers. <i>See</i> Service industries <i>and</i> Ser	vice occu-	Federal receipts and expenditures471, State and local receipts, expenditures471	473
pelions.		State and local receipts, expenditures	. 437
Sewage treatment systems	335, 436	Individual programs: Beneficiaries and benefits553.	570
Foreign countries	1395	Individual programs: Beneficiaries and benefits	562
Shereowners, stocks	30, 1201, 1202 811	Federal retirement insurance553, 553, 569	-571
Sheep and lambs:		Average annual benefits	. 571
Farm income	1076	Oldere employs deshilly and health insurance	, 9/2
Inventory and production	1112	Average perments	586
Prices	1113	Oid-age, survivors, deability, and health insurance: Average payments	500.
Challish.			580
Canned, quantity and value	1146	Children, beneficiaries and benefit payments	565
Canned, quentity and value	38, 1140, 1142	Coverage, workers and earnings	
		Old-age insurance taxes	.467
Frozen, quantity and value. Shipbuliding, summery Corporation sales, profits, and dividends	1146	Payroll tax rates and taxable wages	. 561
Shipbuilding, summery	1249	Protection against income loss	5/4
Corporation sales, profits, and dividends	880	State and local public retrement insurance553. 558.	561
Emines		5/1	5/3
Earnings. Private shipyards, summary. Value of shipments.	1046	Trust funds 561, 569, Unemployment insurance (Federal and State) 553, 869, 880, 581	570
Value of shipments	1298	Unemployment insurance (Federal and State)553,	556,
		669, 560, 561, Workers' compensation 130, 563, 565, 569, 560, 563	
Communications equipment	1036	Social sciences: Degrees conferred256	257

index 937

Table	· · · · · · · · · · · · · · · · · · ·	abi
rred-Continued	State and local governments, combined data—Continued	
ent	Flow of funds	76
967	Forest land1	119
President Control Cont	Hospital data	150
Insurance:	Local governmental units	45
561, 563 561, 564	Hospital data Hospitals Local governmental units National income, origin in Number of units	67
561, 564	Number of units	429
	Outlying areas of U.S	37
ayroll 1320	Purchases of goods and services668,	67
sel programs): 600 sel programs): 465	Receipts	
overnment465		
455, 457	From alcoholic beverages	44
455, 457	From alcoholic beverages  Securities issued U.S. securities held by  Women holding public office	43
125	U.S. securities held by480,	770
552-554	Women holding public office	41
ent	State data (for individual States):	
552-555 governments 435 552-554 ant 437, 552-554 442, 444	Aid to familias with dependent children	500
***************************************	AIDS	7(
nd value1154	Altitudes	32
186	Animals, domestic, number1	11:
	Appropriations for arts agencies	386
acturers shipments947	Area	320
acturers shipments947	Banks, assets and liabilities	77
994	Births and birth rates25, 84	, 8
334 atement339–343	State data (for individual States): Abortions Alor I chamilies with dependent children AIDS Alitudes Animats, domestic, number Appropriations for arts agencies Area 318, Banks, assets and liabilities Births and birth rates Births lo single or unmarried women Black elected officials Building permits 1 Business failures and liabilities 834- Cilinate Cilinate Congress, U.S., composition Construction construction 1 Copper, mine production 1 Copper, mine production	OI
334-343 334 1100 6 1100 	Black elected officials	51
1100	Building permits1	20
e1100	Business failures and liabilities	83
744, 1100	Civilian labor force, by sex	610
90	Climate	35
tries.	Coal and coke production1	17
	Construction contracts	30
	Copper, mine production1	18
- 1000 1004 1100 1100	Correctional facilities	30
#		200
1344	Crime rates	26
744, 100, 1101	Crops, principal1092, 1099, 1102-1106, 1109, 1	119
1100	Pruits and nuts	111
1373	Corrections Crime rates Crops, principal 1092, 1099, 1102-1106, 1109, 1 Fruits and nuts 1 Deaths and death rates 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 1, 116, 116, 116, 116, 116, 116, 116, 116, 116, 116, 116, 116, 116, 116, 116, 116, 116, 116, 116, 116, 116, 1	111
1139 . 972	Delense contracts	51
	Dentists Disposable personal income	14
	Disposable personal income	68
969, 970, 1033	Domestic travel expenditures Drivers licenses	39
······································	Drivers licenses	99
973	Earnings, production workers	.64
522	Floritons 398-401 407 412 413 420	49
Manufacture and American Section 1988	Representatives U.S. vote cast	40
1350	Voter registration	42
1242	Earnings, production workers Education. See State data, Schools and education. Elections	75
1301 1308	Electric power	94
1302	CPC V M LOT 12 - ACCUPATION TO THE PROPERTY OF	32
360, 373-375, 1321	Employment:	.65
80	Average pay	46
131	Manufacturing1244, 1	25
1139, 1145	Government 465, Manufacturing 1244, 1 Nonagricultural establishments	64
6.	Sex and State	.01
642	State and local government (combined data)	90
872, 873	Energy consumption Energy expenditures	
al areas. See Metropolitan	Executions Farms 1057, 1058, 1 Foreign trade 1	31
	Farms	06
ombined data (see also	Foreign trade	09
	Income	07
en lauri	Irrigated farmland	07
ne level459	Irrigated farmland Real estate, value per acre	06
437, 439, 480, 989		
989	Fisheries	14
ents 464 437, 439, 480, 989 989 463-466	Value, tarms and products soid	09
214, 461, 462, 465 Ces) 431, 433	Cas utility industry	0/
214, 461, 462, 465	Government finances:	-
431, 433	Government finances: Federal aid to State and local governments	43
432	Federal (income tax collections)	.49
433	Income few rates	44
135, 155	Revenue from alcoholic beverages.  State and local government  State government  443, Tax collections.	44
	State and local government	77
342, 434, 436, 472, 476	Tay collections	2
	Tax collections Governors, vote cast	42
430, 431, 441, 457	Governors, vote cast	98
	THE STATE OF THE PARTY OF THE P	

	Table	
State data (for individual States)—Continued		State government—Continued
Hospital:	460	Finances 440
Cost per patient	150	Revenue from lotteries
Facilities	156	Severence terree
Average delly room charge Cost per patient Facilities Households or families Housing units	1198. 1222	Tax collections
300	121/	Park systems Payments for public assistance Receipts, highways
Started		Payments for public assistance
Family	708	Taxes
Family Per capita Individual income tax Insurance business	<b>68</b> 2, 708	individual income, tax rates
Insurance business	578, 818	Severance taxes
Jalla	302	Unemployment ineurance
Labor union memberships Land Land and buildings, Federal	<b>66</b> 6	State park systems
Land and buildings, Federal	504	Statehood, admission to
I SHAMOTE	201	Ctoors and and turbless startels.
Lead, mine production Legislatures, composition Life expectancy	413, 414	
Life expectancy	108	Steel See Iron and steel products
		Coomcove (ramoscus) Shipments, value Steel See Iron and steel products. Steel works and rolling mile (see also Iron and steel) Stereo phones
Manufactures summery statistics	1244	Stereo phones
Marriage and divorce	128	SterlityStimulants, persons using
Metroposter area population	333	Stock exchanges:  Money market rates on call loans
Migration	25	Money market rates on call loans
Mineral production and value	1156 988	Prices and volume of trading. Securities listed on, and sales
Motor-fuel tax	998	Stockholders, characteristics of
Motor-vehicle registrations	991	
National forests	894	Rubber deliveries from
		Strategic and critical materials
Physicians, dentists, and nurses. Police protection	145 289	Corporate, flow of funds765.
Population	21, 26, 28,29, 33	Life insurance companies
Age distribution	26, 29	Ownership
		Weeltholders
Metropolitan areas Projections	33	Stone industries
Projections	27 <b>-29</b>	Production and value
RankingsPoultry and eggs	1114	Production indexes
Poverly President, vote cast	713	Employees 642, 12
Primaries, elections	420	INUTY 1888
Primaries, elections Public aid Recreational areas	590	
Refugees		Plant and equipment, new
Representatives, U.S., vote cast	401	Imports, exports1258-1
Refugees Representatives, U.S., vote cast Retail trade, sales Revenue, local governments Roads and highways	1310	Production indexes1
Roads and highways	983, 965, 987	Production indexes 1' Railroad car loadings of commodities Stockholders' equity, profit rates on Stoves and ranges 1227, 1: Strategic and critical materials, summery Strawberries, acreage, production, and value Straybococal sore throat and scarlet fever Stroke. See Cerebrovascular diseases.
Sevings and loan institutions	771, 768	Stoves and ranges
Elementary/secondary teachers, public	211	Strawberries, acreege, production, and value
Familment		Streptococcal sore throat and scarlet lever
Elementary and secondary	199, 208	Stroke. See Cerebrovescular diseases.
Finances:		Strontum Structural iron and steel Structural iron and steel Structural metal works (see also iron and steel) Students. See Education, errollment. Subways and elevated rallways
Elementary and secondary, public	217	Structural metal works (see also Iron and steel)
Higher education, public High school graduates, public Schools Senstons, vote cast	247	Subways and elevated railways
Schools	200, 244	Sugan. See Foreign Countries.
		Sugar: Consumption
Smell business Social insurance Supplemental Security Income Texation 44	541	Foreign trade
Social ineurance	586, 578	Prices:
Texation 44	590	Producer indexes
Unemployment	610, 638	Production1
Unemployment insurance	581	Wart
Voter registration	421, 423	Refining and manufacture
Taxation 44 Unemployment insurance Veterans, number and expenditures Voter registration Voter turnout Votes cast 398, 401, 412, 41 Voting age population Wholesale trade, summary Wine consumption	422, 423	Quota charges and supply Refining and manufacture Employees and earnings Output per hour index
Votes cast	9, 420, 422, 423 422	Suger crops1
Wholesale trade, summary	1317	Supercene acreege production value and price
Wine consumption	186	Suicides 118, 1: Suifur 747, 1154, 1159, 1:
Workers' compensation payments	564	Production and value
Workers' compensation payments	318	World
State government (see size State and local go	1188 vernments):	Production, U.S. as percent of world
State government (see also State and local go Debt, public highways	444	Wholesele prices Sunday or Sebbath schools Supplemental Security Income 553, 556,
Debt. public highways	989	Supplemental Security Income
Drinking ages	481, 462	Supreme Court, U.S.

## Index

	140 151 150	Talassach and telephone systems:	
formed by hose and any of police!	. 146, 151, 152	Telegraph and telephone systems:  Consumer cooperative (telephone)	892
formed, by type, and sex of patient	13/	Dividends	881
iee Foreign countries. See Foreign countries.		Employees	882
re Foreign countries.		Telephone operators	627
ipes, consumption	185	Elegacial data 981	227
ices, consumption	. 360, 374, 375	Overseas systems and rates. Rural Electrification Administration	.861
Hoos.		Bural Electrification Administration	883
See Foreign countries.		Telephone communication:	
mports	1139	Employees and earnings	642
xchestras	383, 384	Telephones (see also Telegraph, etc.):	
i. See Religion.		Access lines	. 862
oreign countries.		Calls	882
		Cellular, cordinas	1297
т		Households with	.879
•		Number 861.	882
public of Chine). See Foreign countries	_	Foreign countries	1396
public of China). See Foreign countries		Retail sales Teletypewriter (TWX) Television (see also Radio):	.371
lytite, and scepstonegrease (animal)	1240	Teletypewriter (TWX)	861
y (2 m/e)	1110	Television ( <i>see also</i> Radio):	
NUMBER	1242	Hone-dreeking-	
y	1164	Advertising expenditures	-902
les Essena ocumbins		Employees and sernings. Public broadcasting stations	.642
lers, players	1296	Public broadcasting stations885,	666
Justoms receipts.		Cable TV:	
ne also Customs receipts):		Advertising expenditures	.896
	445	Pay TV, summary	.006
nark.	1074	systems and subscribers 878, 987,	000
ental revenue, by type of tax	430	Consumer expenditures	3/1
Income tax rates, States	446	Religious television viewing	/5
i taxes and motor-vehicle fees	487, 988	Retail trade (radio and television)	1320
internal revenue)	430, 487	Senior countries	
		Foreign countries Households with 878, 1227, 1	1300
of tex	430	Manufacture:	1363
ions by source	487	Shipments and retail value	1207
stion income tax:	474	Repair (radio and television)	1207
ral budget receipts	4/1	Stations	870
nai revenue conections	400, 407	Owned by newspapers/magazines	.075
isbilities sturns filed		Stations  Owned by newspapers/magazines  Vlewing by demographic groups  Temperature, selected cities  345–349, Temples (truit)	870
		Temperature extended cities 945-240	363
and oilt towns	471 486 487	Temples (Indi)	1110
tower	471 486 487	Temporary help euroby services	1321
el income toy A71 A86	488 490-493	Temporary help supply services	
ane tay by income level	480	Tennesse Valley Authority employment 501.	502
ment taxes and gift taxes taxes taxes giftcome tax		Tennessee Valley Authority, employment	-375
1	491	Tenure. See Housing and housing units and Farms. Territorial accessions of the U.S	
nue, by type of tax	431	Territorial accessions of the U.S.	. 319
lanc .		Towns Con State date	
vernment	455	Textile industry 1304, 1344, 1304, 1344, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1304, 1	1349
sold income by type of tax		Corporations, financial data	860
rold paying	696, 1224	Employees	1316
selected cities	480	Earnings	. 642
nd local government	431, 437	Earnings Injury rates Expenditures, plent and equipment, new	. 664
losses due to Federal tex lews	1017	Expenditures, plant and equipment, new853,	1242
loses due to Federal tax laws	475	Fiber (manmade) distribution	1289
I local government:		Foreign trade	1352
sehold income	459	Prices and indexes731,	, 736
l local government: schold income ) of tax	, 431, 437, 442	Production indexes	1249
vernment	455-458, 480	Stockholders' equity, profit rates on	896
overnment442	, 444–446, 696	Textile mechinery	1349
onel expenditures	668	Textile machinery	-
t by country	480	Theaters Attendance and receipts	
s by country	1395	Anericance and receipts	.3/3
<b>4</b> 00	100	Business support	1220
nade		Personal expenditures	200
		Theft. See Crime and criminals.	303
•	/ 74	Continuent	827
schools	222 224	Employment	
aradic terum	252	Timber (see also Lumber and allied products):	
ncy tests	210	Consumption 1122	1123
	197 627	Consumption 1122, Employees and earnings	1121
ncy tests ant ions a and degrees held	197 626	Foreign trade 1122, Prices 1124,	1133
and decrees held	210	Prices 1124	1125
lucation institutions	235	Production :	1122
•	961	Receipts from sales	506
status degess conferred stacis loois	252	Receipts from sales Removed from national forests	1118
degees conferred	255, 257	Roundwood products	1122
theole	224	Roundwood products Volume, growth and cut World production (roundwood) Tin	1119
hools	208, 210, 211	World production (roundwood)	1373
DE, 844	210	Tin1154, 1156, 1159, 1162, 1164,	1185
terroy tests	210	Foreign trade1162, 1185,	1350
so training	210	Prices:	
Ţ	197, 208, 211	Imports (tin, bers, blocks, pigs)	. 744
D	206, 211, 212	Wnolesale	1185
	211	Production1154, 1160,	1185
Ĕ.		Imports (tin, bers, blocks, pigs). Wholesale 747, 1159, Production 1154, 1180, U.S. as percent of world.	1100
1, number	627, 966	Value	1404
rications	1 <b>26</b> /	World	1400

	T	able	Tá	abie
Tinware, manufacture	1	1242	Transportation—Continued	
Tires and tubes	990,	996	Consumer price indexes738,	740
Manufacture		242	Foreign countries	401
Employees	642, 1	242	Energy consumption	911
Output per hour index	••••••	843	Geselice and motor oil 1006 1	<b>5</b> 11
Recalled for safety defects		.998	Energy 910, Gasoline and motor oil 910, Gasoline and motor oil 1006, 1 Federal sid to State and local governments Federal outlays 951, 976, 1 Foreign countries, receipts and payments 1 Freight 100 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 Federal 000 F	436
Wholesale trade (fire hettery accessories).			Federal outleys 951, 976, 1	Ž.
Producer price indexes			Foreign countries, receipts and payments	036
Titanium concentrates	4, 1160, 1	193	Freight	776
Titanium ores1150	3, 1104, 1	183	nousenoid, by purpose and means 1000-10	w.
Tobacco and products: Acreage, production, and value 1093, 1094	4 1100 1	108	Land, private radio stations	*
Output and marketing indexes	1089.	091	Personal consumption expenditures	***
Advertising expenditures	900.	901	Volume of travel	279
Consumer expenditures		689	Volume of travel	
Consumption per person		266	Partnerships	120
Farm income	]	1076	Transportation, Department of	163
Farm labor required, man-hours Foreign trade1095, 1098, 1258-1261, 1344,	1240 1	240	Transportation equipment: Arrangement and passenger	
		252	Funds IIS as compared to world	20
Manufacture	2 1248	285	Foreign trade1258-1261, 1342, 1349, 1350, 13	23 243
Corporations, financial data	E, 1240,	880	Manufacture 12	ã
Employees 542	2, 1242, 1	256	Employees	256
Earnings		642	Earnings	842
inkur ristee		884	Injury rates	164
Projections  Expenditures for plant and equipment, new  Output per hour index		631	Scientists and engineers	83
Expendeures for plant and equipment, new	853, 1	242	Expenditures, plant and equipment, new853, 12 Production indexes1	
Production		200	Production indexes	~
Indexes			Reilroad carloadings10	310
Stockholders' equity, profit rates on		886	Value of shipments1248, 12	
Summery			Transportation industry (see also individual industriest:	
Prices:			Assets or liabilities	148
Export			Cerriers of pessengers395, 979, 1011-1013, 1024, 10	27,
Ferm Producer price Indexes	1	108	10	128
Retail sales	1201	./35	Carriers of property	)19
Retail trade summary	1301,	201	Corporations, pertnerships, and proprietorships	<u></u>
Supply and disappearance		100	Employees	30
Taxes	442.	487	Hours and seminos 640 10	200
World production	1	373	Injuries	24
Togo, See Foreign countries.			States	141
Tolletries, advertising expenditures	899-	-901	Type of transport	78
Tometoes			Employment projections 6 Establishments 8 Expenditures for plant and equipment, new 6 Firms 6	31
Tonnage, vessels:	••••••	100	Establishments	32
Entered and cleared in foreign trade	1041 1	042	Expenditures for plant and equipment, new	2
Entered and cleared in foreign trade	3. 1044. 1	049	Gross product 6	20
Ships and tonnage lost		050	locome and norths 826 ft	-
_ Waterborne foreign commerce	1	039	Multinational companies	60
Tools. See Cutlery, etc., and Machine tools.			Multinational companies 8 Output per hour index 8 Payroll 830, 8	43
Tornadoes	4 200	344	Payroll	32
Tourism, foreign ( <i>see also</i> Travel) Outlying areas	4, 308,	384	Unemployment and unemployment rate	35
Townships and special districts	429	452	Transceivers	-
Toxic shock syndrome			Advertising expenditures 9	00
Toys. See Games, toys, etc.			Air carriers 395, 10	24
Tractors:			Domestic expanditures by State3	86
Foreign trade			Foreign387, 389, 3	60
Horsepower		000	Air carriers 396, 10 Domestic expenditures by State 397, 398, 3 Foreign 397, 398, 3 Means of transport 390, 384, 395, 10	05
Trade (business) (see also Commerce, Foreign		000	Mileage:	•
Retail trade, and Wholesale trade):			Milege: Air carriers 10 Highway, by type of road 982, 10 Motor vehicle 10	ñ
Assets or liabilities	850	880	Motor vehicle 10	õ
Corporations, partnerships, and proprietorships Employees640, 642		825		
Employees640, 642	2, 1255, 1	299	Nonimmigrants3	82
Earnings		642	Nonimmigrants   387, 389, 380, 1024, 10	27
Hours		640	Paseports issued3	99
Injury rates	663,	004	Hecreation	
Establishments	205 950	942	1 OURSS	**
Gross netional product origin in	020, 00 <b>8</b> ,	208	Treasury bonds outstanding4	78
Gross national product, origin in		670	Sales prices and visids 805.8	8
Income and profits825, 8	359. <b>86</b> 0.	664	Treesury Department, budget outlays4	76
International invoctments	4	338	Treasury Department, budget outlays	_
Merchandieing firms, summery	1	316	Inpoil, mine production 11:	54
Curput per hour index		643	Tripe. See Travel.	
38/65	660, 1	316	Trucks:	
Wages and salaries Trade, business, and commercial associations	•••••	010 AA	Accidents/deaths 122, 123, 9 Employees 9	7
Employees			Exports 13	46
Trademerks			Factory sales (trucks and buses)	œ
Traffic deaths		997	Foreign trade9	100
Trailers (campers)		.995	Lessing and rental	21
Tranquilizers		160	Motor-fuel consumption	ά
Transit industry, summary	D, 1011, <u>1</u>	1013	Number on farms10	5
Transportation (see also individual carriers):		ווטו	Pick-ups	2
Accidents980	0 1094 1	020	Registration (trucks and busse)	š
	-,,			

Table	Table
ntinued	V
(trucks and buses) 990	Vacuum cleaners, menulecture
004	Value added by manufacture: All industries
U.S. Government	
ry of the Pacific Islands. See Outlying areas.	States 1244
147	States 1244 Value added in mining 1156 Vanadum 1156, 1160, 1164 Variety stores, summary and sales 1301, 1305-1307 Varnishes and paints. See Paints, varnishes, etc. Vael (see also Beef and Meet and meet products) 184, 1111 Vegetable cits. See Oils.
1139	Variable storage summany and sales 1301 1305-1307
uentity and value 1145	Vernishes and points. See Points, vernishes, etc.
1140, 1142	Veel (see also Beel and Meet and meet products) 184, 1111
1149 1147	Vegetable oils. See Oils.
1907	Addressing free man Light and Addressing min working
747, 1154, 1180, 1162, 1164, 1186 ion and sources of supply	commodities):
tion and sources of supply1186	Acreege, production, and value 1109 Output and marketing indexes 1089, 1091 Consumption 184, 185
n and value, ore1154	Consumption184, 185
n_U.S. as percent of world1160	Ferms and/or income
Foreign countries.	Gardens
ar Xissam engines.	Vehicles, See Motor vehicles, Tractors, etc.
Foreign countries.	Venereal diseases
e Poulty1296	Gardins
	Vermiculte, mine production1154
u	Vernium. See State Utile. Verseite. See Shine.
U	Verencint. See State data. Vessels. See Ships. Veterans Administration:
€ Foreign countries.	Budget outleys and authority
	Employment
611, 614, 632	Hospital medical care 130
y and occupation	Home loans
of school completed620	Land and buildings 504
iol graduates, and dropouts230	Medical centers
origin population 807, 819, 622	Veterans affairs: Federal aid474
nel comperisons 1404	Heelth care coverage 140
16-24 years old 621	Health care coverage
807, 611, 620, 621, 632, 634	Cost of American wers
1982 16-24 years old 807, 611, 620, 621, 632, 634 sducellonal attainment, race and sex 834	Cler of American Water Section 2015 Clear Section 2
907 810 811 814 832 834	Education and training
610, <b>63</b> 5	Expenditures
	Expenditures 546 Federal aid to State and local governments 435 Health expenditures 130, 135, 138, 557
ent insurance:	Hearn expenditures130, 130, 130, 130, 507
on sturance:	Hospital or domicillary care 549 Veterans or dependents receiving 549 Lile insurance funds 471, 473 Loans guaranteed and insured 551
ental finances437	Life insurance funds471, 473
	Loans guaranteed and insured551
ited enterprises, flow of funds	Peneloners on rolls, by wars
dom. See Foreign countries	Unemployment allowences 558
as Government, See Government.	Unemployment allowances
B PDEB 347VC0	Revenue losses due to Federal tax lews
se, by pay category 509 ent and payrolls 462, 501, 502 467	Revenue losses due to Federal tax lews
497	Velnet bile Congressional 406
jpb	Videocessette recorders
471, 872	Households with
ger bueiness	V
878. 877	Vietnem conflict
5	Visinam. See Foreign countries.         \$22           Visinam conflict.         \$22           Military personnel.         \$33           Desertion and AWA rates.         \$39           Volent crime.         263-266           Aggravated sessuif.         283-286           Murder.         283-286           Raps, forcible.         263-266, 299           Robbert.         263-268, 299
# business 872, 875 ss securities (see also Dabit: senits 479, 768, 778 propositions 479, 768, 844	Descrition and AWA rates539
ss securities (see also Debt):	Violent crime
omorations 479, 768, 844	Marrier 263-266
Government corporations, credit agencies,	Rape, forcible
480	Robbery
by households	Virgin Islandi. Sae Clubving artist.
ties and vieirie 805 607	Alternation States Cardinates
ites, and yields 805, 607 felds 809 . See Education, higher education inetitutions. 1154, 1160, 1187	Vital statistics (see also Births and Deaths):
. See Education, higher education institutions.	Average weights and heights
1154, 1160, 1187	Fertility and fertility rate
1160	Visual impairment
	Life tables
in	Marriage and divorce81, 126-128
was own Housing and urban development.	States 128 Morbidity 169
Nate data.	Outlying areas
e also Gas utility industry and Electric light and	Outlying areas 1354, 1368 Rates, summery 81
industry):	
ng expenditures 902	Vocational arkination 580
sipply systems and generating plants, States	Vitamine
757, 760	Veterane

Table	
/ocational rehabilitation553, 587	Wheat flour—Continued
Medical 130 Service industry revenues 1321 /olleyball 374, 375	Exports Foreign countries Foreign countries Foreign countries Foreign Countries Fore
Service industry revenues	Foreign countries
/olleybell374, <u>375</u>	
/olunteer workers	Whiskey:
	Consumption
/otes:         400-403, 409           Congressional         400-403, 409           Senstorial primaries         420           Gubernatorial         412, 420           Presidential         419           /oting-age population         418, 419, 422	Imports
Senetarial primerica 420	Production, stocks, and tax-paid withdrawale
Gubernetorie 412 420	Production, stocks, and tex-paid withdrawals
Presidential 419	White-coller workers
oting-age population418, 419, 422	Employment cost index
	Women
***	White House, employment. Whiting, quantity and value of catch
W	Williams, quantity and value of calcil 1139, 1140, 114
	Whelesele and estall trade:
Waffle Irons	Compressione mentionerships and amoriatorships
wage earners. See Labor torce employment <i>and indi-</i> vidual industries.	Wholesale and retail trade: Corporations, pertherships, and proprietorships Employees, States
Vages and wage rates. <i>See</i> Salaries and wages.	Partnership
Nages and wage rates. See Salaries and wages. Nainuts	Unemployment rate Wholesale trade (see also Prices and Trade): Corporations, partnerships, and proprietorships
Warehousing 1014	Wholesale trade (see also Prices and Trade):
Wars:	Corporations, pertnerships, and proprietorships
American, total cost of	Displaced workers
Deaths533	Employees
Military personnel, desertion and AWA539	
U.S. troops and casualties533	Hours
Vietnam conflict	Injury rates
wars:         522           Deaths.         533           Milltary personnel, desertion and AWA.         539           U.S. troops and casualties.         533           Vivinem conflict.         533           Variance Pact, arms, export market.         530           Warsaw Pact countries, military expenditures.         517           Weaking resolutions.         517	Kind of business
Warsaw Pact countries, makary expenditures517	Employment projections Foreign investments in the U.S
Washing mechines: Electric, homes with 1227 Shipments and retail value 1296	Conse nettonel product office
Shinmonte and retail value 1206	Gross national product, origin
Mashington. See State data.	Kind of business:
Nastepaper:	Seles inventories
Producer price Indexes	Summery
Wastepeper: Producer price Indexee	Summary
	Outlying areas
Nater:	Outlying areas 13 Payrolls 832, 13
Area:	Payrolle
United States 1 United States and outlying areas 318 Public domain 319, 321	Sales 13
Dichie domain 910 221	States, summery
Politica 330 340	Wildlife, endangered species
Pollution 339, 340 Expenditures for abstement 340-343 Oil spills 330, 1048	Wind velocity, selected crass
Oil soils 330, 1048	Wines (Jee Aleo Liquors, etc.)121
Rivers and streams 329 Power 930, 946	Consumption Wholesale trade
Power	World production
Transportation 990, 961 Accidents, deaths 990	World production
Accidents, deaths	Wisconein, See State data.
Coestal districts 1039	Women
Federal outleys	Abortions103-1
Greet Lakes 1030	Age and/or sex Projections
Great Lakes 1039 Inland water systems 1038	Projections
Lies 327	AIDS
Use	Alcohol use
4044	Arrests
Weterskiing	Births and Dirth rates
Waterways, internal traffic	Consesses section deliveries
Waterwiding         360, 374, 375           Waterways, Internal traffic         979, 1036           Intercity traffic         979	Births and our reases
PARTINITIES.	First hirths
Public supply 327, 326 Value of new construction 1201, 1202	Breast feeding
Value of new construction 1201, 1202	
Weelth:	Cigarette smoking
Assets of temilies	Cigarette smoking 1 Child day care Chronic conditions 172, 1 Contraceptive use
Business 722	Chronic conditions172, 1
Government 722	Contraceptive use
Households 722	Criminal victimization
Households 722 Top wealthholders 723-725	Deaths and death rates109-111, 118, 1
Wescons, fireerms	Delivery procedures, births
Wearing apperel. See Apperel. Weather conditions at selected stations	Dentists visits
Weather conditions at selected stations	Disability days
West Indies. <i>See</i> Outlying areas. West Virginia. <i>See</i> State data.	Drug usage
West virginia. 300 State Oata.	Fernings
Western European economic blocs	Earnings Educational attainment
Wheat:	Farnings
Acreson production and value 1093 1094 1100 1104	Education:
Acreege, production, and value	Adult education
Farm labor required, worker-hours	Participant characteristics
Fertilizer application 1087 Foreign trade 1093, 1094, 1349, 1413	American College Testing program
Foreign trade 1093, 1094, 1349, 1413	Attainment Labor force status
	Labor force status
Export	College enrollment233, 234, 236, 2
Prices:         744           Export         744           Farm         1100, 1104           Under support         1101           Supply and deseppearance         1100           World production         1373           Wheel form         1373	By age
Under support1101	Employed students
Supply and disappearance1100	Employed students
Wheat flour:	College graduates
VVIIII TIOUI: Consumption	College graduates Degrees conferred
109	

index 943

Te	ble Table
	Women—Continued
md .	Unemployment—Continued
<b></b>	
uates	
	225 Union memberahip
al government	
95,	97 Timber):
•••••••••••••••••••••••••••••••••••••••	74 Foreign trade
werage	40 Manufacture, summary
	Woodpulp (see also Paper and pulp)
	Foreign trade
154,	RO Prices:
55-60, 62, 65, 66, 68	72 Import and export
***************************************	57 Producer indexes
	71 Production and consumption1132
710, `	
	187 Wool:
ployment:	Consumed in manufacturing
<b>3</b>	Farm income 1076 Foreign trade 1350
n workers	
ry workers	
5	Work and training programs
• ····································	Worklife expectancy 606
attainment and occupation	
and occupation	
***************************************	584 585 R10
ment	
	1181-1190, 1373
iers	
	27 Comparative data (area, population, etc.)1378, 1360, 1366
ig at home	137 Exports of manufactures, U.S. comparison
government	1094, 1412
inio	1049, 1051
8	517 Military expenditures
<b>807, 610, 611,</b>	
608, 609,	114 1100 1400
primary school	
	114 World Wars I and II, cost
nployees and salaries:	Worldwide tanker casualties 1048
al government	163 Wyoming. See State data.
623.	124
en	
ent	
B	
622-	
	108 Employees 842 1242
YCY	108 Earnings 642
46-49. 51	55 Foreign trade 1349, 1350
***************************************	
Cices	
}	
147.	
***************************************	
***************************************	
***************************************	
***************************************	
viewing	Zambia. See Foreign countries.  78 Zinc, summary 1153, 1154, 1159, 1180, 1162, 1164, 1188  Exercise texts
10073	70 дис, житипегу 1153, 1154, 1159, 1160, 1162, 1164, 1168
Mics	
eficiaries and payments	
I	65 Prices
me	49 World
U/, DIU, DII, DI4, DIY, DZI, 624, 632-	134 Production, U.S. as percent of world



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